

#28 Right Cheek_GSM850_DTM5_Ch128**DUT: 190323**

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

Medium: HSL_850_110927 Medium parameters used: $f = 824.2$ MHz; $\sigma = 0.9$ mho/m;

$\epsilon_r = 43.4$; $\rho = 1000$ kg/m³

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

DASY4 Configuration:

- Probe: EX3DV4 - SN3754; ConvF(8.71, 8.71, 8.71); Calibrated: 2011/1/11
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2011/4/28
- Phantom: SAM-Right; Type: QD 000 P40 C; Serial: TP-1383
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch128/Area Scan (41x71x1): Measurement grid: dx=20mm, dy=20mm

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

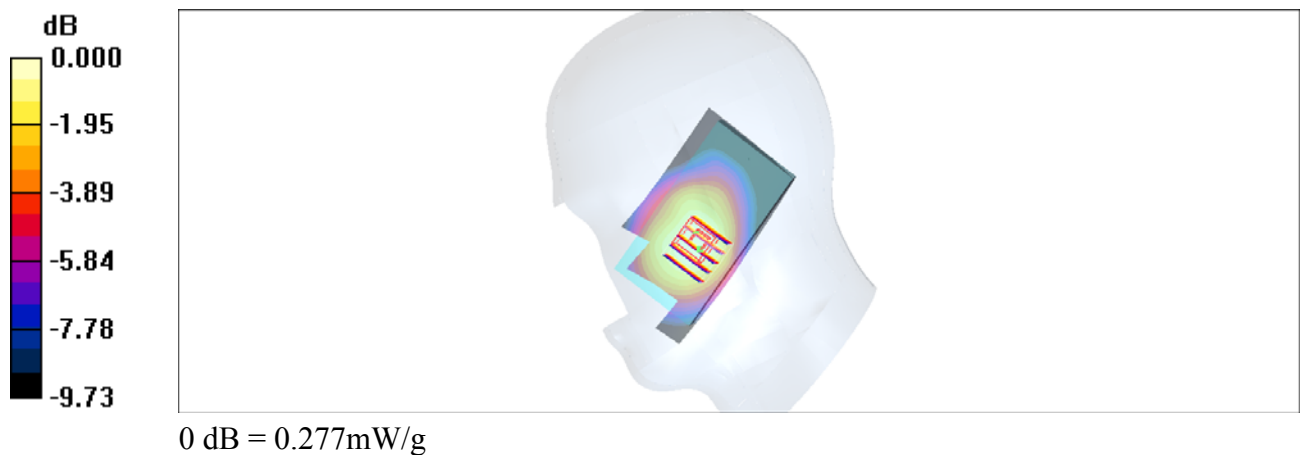
Ch128/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 6.20 V/m; Power Drift = 0.144 dB

Peak SAR (extrapolated) = 0.331 W/kg

SAR(1 g) = 0.268 mW/g; SAR(10 g) = 0.202 mW/g

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



#28 Right Cheek_GSM850_DTM5_Ch128_2D**DUT: 190323**

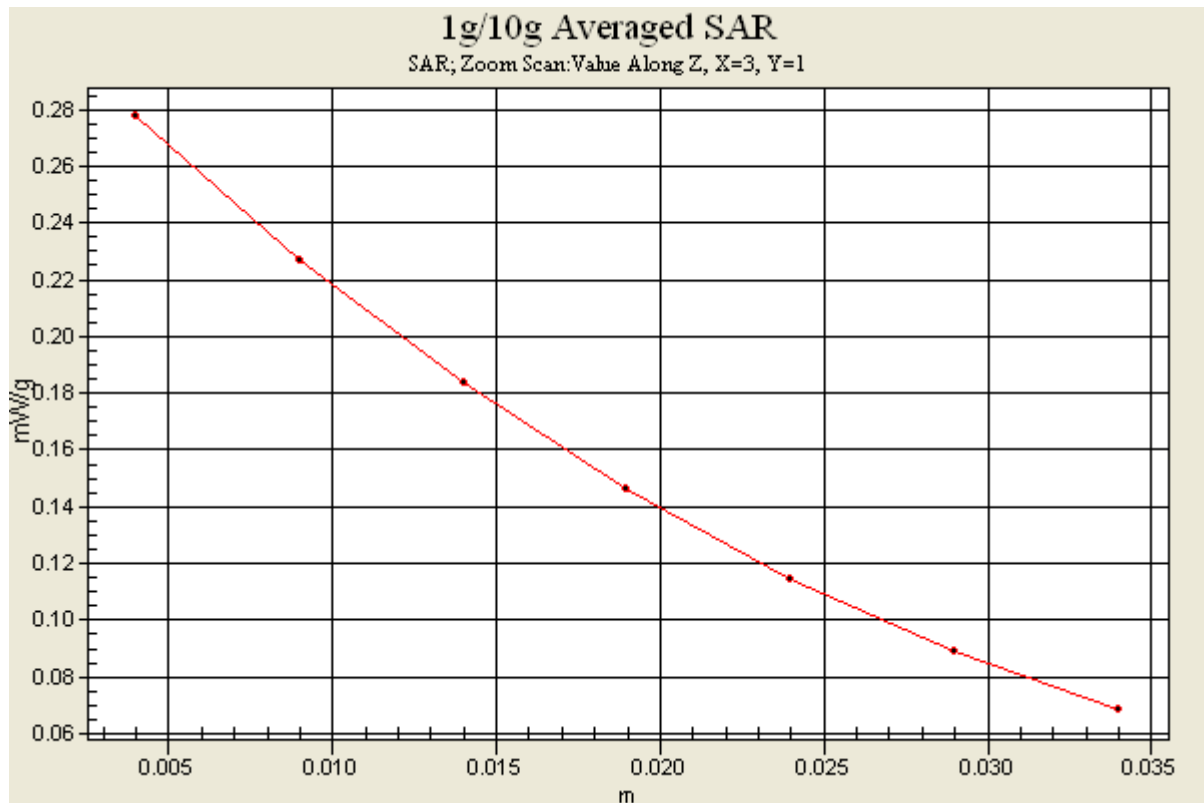
Communication System: GSM850; Frequency: 824.2 MHz; Duty Cycle: 1:4
Medium: HSL_850_110927 Medium parameters used: $f = 824.2$ MHz; $\sigma = 0.9$ mho/m; $\epsilon_r = 43.4$; $\rho = 1000$ kg/m³
Ambient Temperature : 22.6 °C ; Liquid Temperature : 21.6 °C

DASY4 Configuration:

- Probe: EX3DV4 - SN3754; ConvF(8.71, 8.71, 8.71); Calibrated: 2011/1/11
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2011/4/28
- Phantom: SAM-Right; Type: QD 000 P40 C; Serial: TP-1383
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch128/Area Scan (41x71x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.277 mW/g

Ch128/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 6.20 V/m; Power Drift = 0.144 dB
Peak SAR (extrapolated) = 0.331 W/kg
SAR(1 g) = 0.268 mW/g; SAR(10 g) = 0.202 mW/g
Maximum value of SAR (measured) = 0.277 mW/g



#29 Right Tilted_GSM850_DTM5_Ch128**DUT: 190323**

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

Medium: HSL_850_110927 Medium parameters used: $f = 824.2$ MHz; $\sigma = 0.9$ mho/m;

$\epsilon_r = 43.4$; $\rho = 1000$ kg/m³

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

DASY4 Configuration:

- Probe: EX3DV4 - SN3754; ConvF(8.71, 8.71, 8.71); Calibrated: 2011/1/11
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2011/4/28
- Phantom: SAM-Right; Type: QD 000 P40 C; Serial: TP-1383
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch128/Area Scan (41x71x1): Measurement grid: dx=20mm, dy=20mm

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

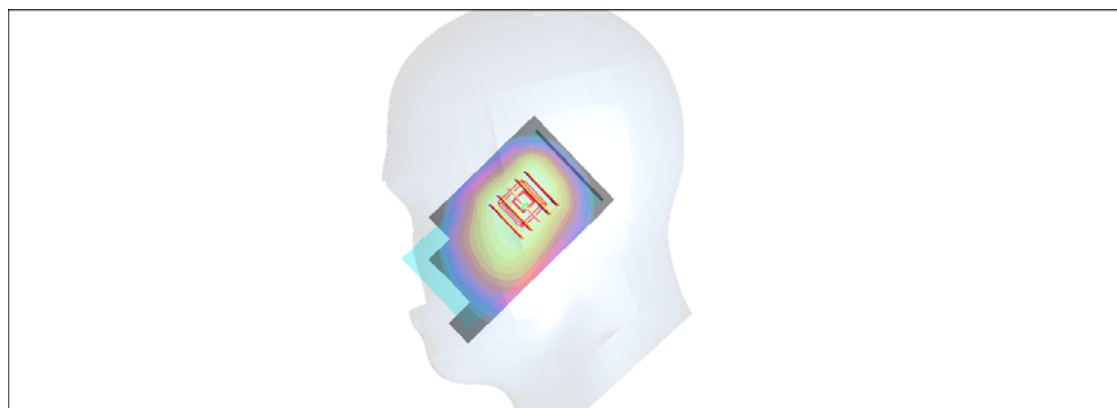
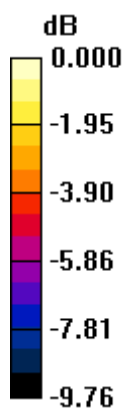
Ch128/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 10.9 V/m; Power Drift = -0.097 dB

Peak SAR (extrapolated) = 0.212 W/kg

SAR(1 g) = 0.169 mW/g; SAR(10 g) = 0.127 mW/g

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



0 dB = 0.178mW/g

#30 Left Cheek_GSM850_DTM5_Ch128**DUT: 190323**

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

Medium: HSL_850_110927 Medium parameters used: $f = 824.2$ MHz; $\sigma = 0.9$ mho/m;

$\epsilon_r = 43.4$; $\rho = 1000$ kg/m³

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

DASY4 Configuration:

- Probe: EX3DV4 - SN3754; ConvF(8.71, 8.71, 8.71); Calibrated: 2011/1/11
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2011/4/28
- Phantom: SAM-Right; Type: QD 000 P40 C; Serial: TP-1383
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch128/Area Scan (41x71x1): Measurement grid: dx=20mm, dy=20mm

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

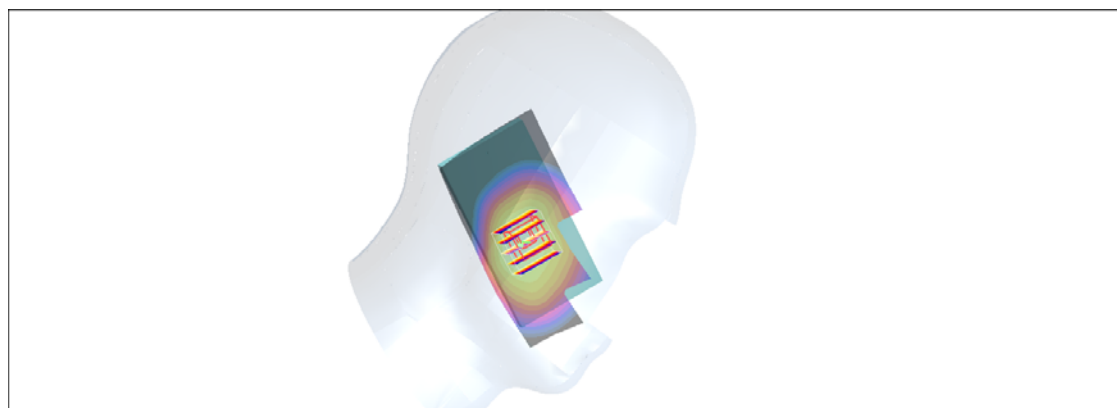
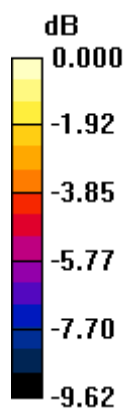
Ch128/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 3.57 V/m; Power Drift = 0.002 dB

Peak SAR (extrapolated) = 0.333 W/kg

SAR(1 g) = 0.267 mW/g; SAR(10 g) = 0.201 mW/g

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



0 dB = 0.281mW/g

#31 Left Tilted_GSM850_DTM5_Ch128**DUT: 190323**

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

Medium: HSL_850_110927 Medium parameters used: $f = 824.2$ MHz; $\sigma = 0.9$ mho/m;

$\epsilon_r = 43.4$; $\rho = 1000$ kg/m³

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

DASY4 Configuration:

- Probe: EX3DV4 - SN3754; ConvF(8.71, 8.71, 8.71); Calibrated: 2011/1/11
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2011/4/28
- Phantom: SAM-Right; Type: QD 000 P40 C; Serial: TP-1383
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch128/Area Scan (41x71x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.170 mW/g

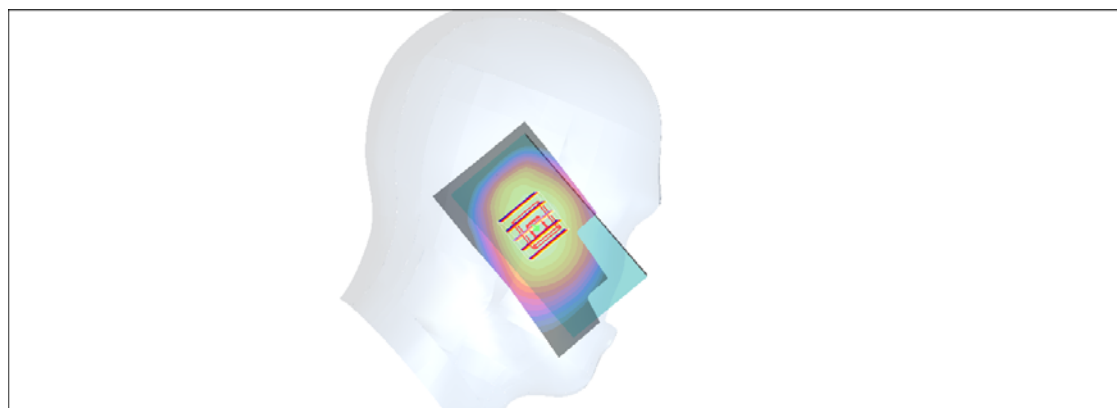
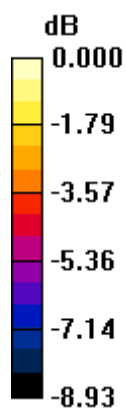
Ch128/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 7.67 V/m; Power Drift = 0.180 dB

Peak SAR (extrapolated) = 0.194 W/kg

SAR(1 g) = 0.162 mW/g; SAR(10 g) = 0.126 mW/g

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



0 dB = 0.174mW/g

#36 Right Cheek_GSM1900_DTM5_Ch661**DUT: 190323**

Communication System: PCS 1900; Frequency: 1880 MHz; Duty Cycle: 1:4

Medium: HSL_1900_110927 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.41$ mho/m; $\epsilon_r = 39$; $\rho = 1000$ kg/m³

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

DASY4 Configuration:

- Probe: EX3DV4 - SN3754; ConvF(7.38, 7.38, 7.38); Calibrated: 2011/1/11
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2011/4/28
- Phantom: SAM-Left; Type: QD 000 P40 C; Serial: TP-1478
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch661/Area Scan (41x71x1): Measurement grid: dx=20mm, dy=20mm

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

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

Reference Value = 8.25 V/m; Power Drift = -0.081 dB

Peak SAR (extrapolated) = 0.714 W/kg

SAR(1 g) = 0.465 mW/g; SAR(10 g) = 0.290 mW/g

Maximum value of SAR (measured) = 0.504 mW/g

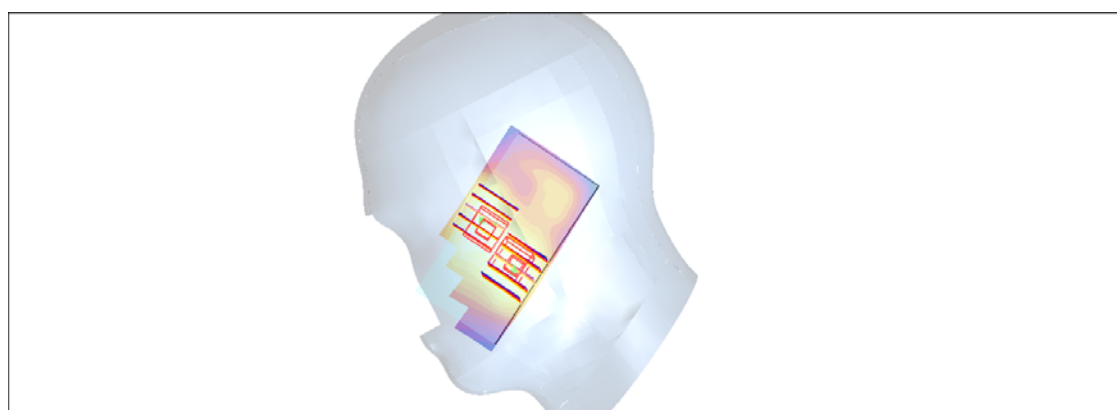
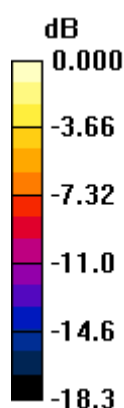
Ch661/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 8.25 V/m; Power Drift = -0.081 dB

Peak SAR (extrapolated) = 0.550 W/kg

SAR(1 g) = 0.367 mW/g; SAR(10 g) = 0.237 mW/g

Maximum value of SAR (measured) = 0.391 mW/g



0 dB = 0.391mW/g

#37 Right Tilted_GSM1900_DTM5_Ch661**DUT: 190323**

Communication System: PCS 1900; Frequency: 1880 MHz; Duty Cycle: 1:4

Medium: HSL_1900_110927 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.41$ mho/m; $\epsilon_r = 39$; $\rho = 1000$ kg/m³

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

DASY4 Configuration:

- Probe: EX3DV4 - SN3754; ConvF(7.38, 7.38, 7.38); Calibrated: 2011/1/11
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2011/4/28
- Phantom: SAM-Left; Type: QD 000 P40 C; Serial: TP-1478
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch661/Area Scan (41x71x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.307 mW/g

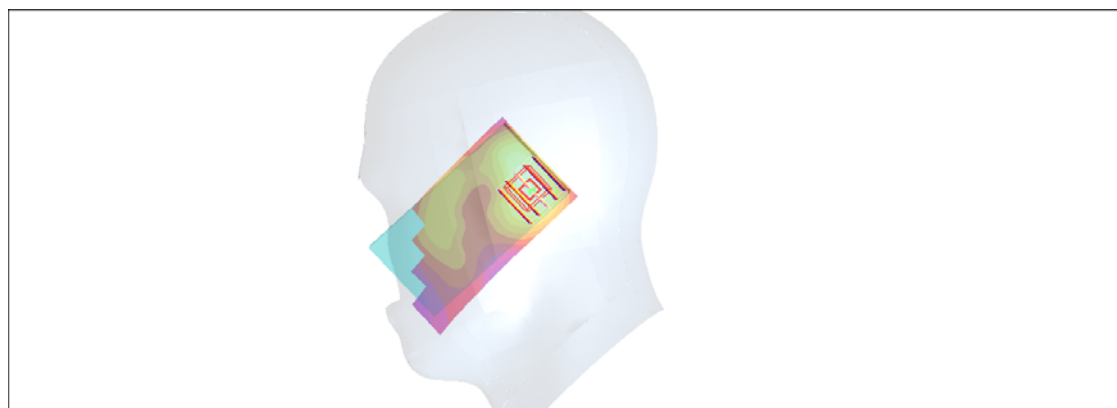
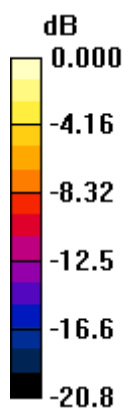
Ch661/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 13.2 V/m; Power Drift = -0.018 dB

Peak SAR (extrapolated) = 0.423 W/kg

SAR(1 g) = 0.265 mW/g; SAR(10 g) = 0.155 mW/g

Maximum value of SAR (measured) = 0.286 mW/g



0 dB = 0.286mW/g

#38 Left Cheek_GSM1900_DTM5_Ch661**DUT: 190323**

Communication System: PCS 1900; Frequency: 1880 MHz; Duty Cycle: 1:4

Medium: HSL_1900_110927 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.41$ mho/m; $\epsilon_r = 39$; $\rho = 1000$ kg/m³

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

DASY4 Configuration:

- Probe: EX3DV4 - SN3754; ConvF(7.38, 7.38, 7.38); Calibrated: 2011/1/11
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2011/4/28
- Phantom: SAM-Left; Type: QD 000 P40 C; Serial: TP-1478
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch661/Area Scan (41x71x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.944 mW/g

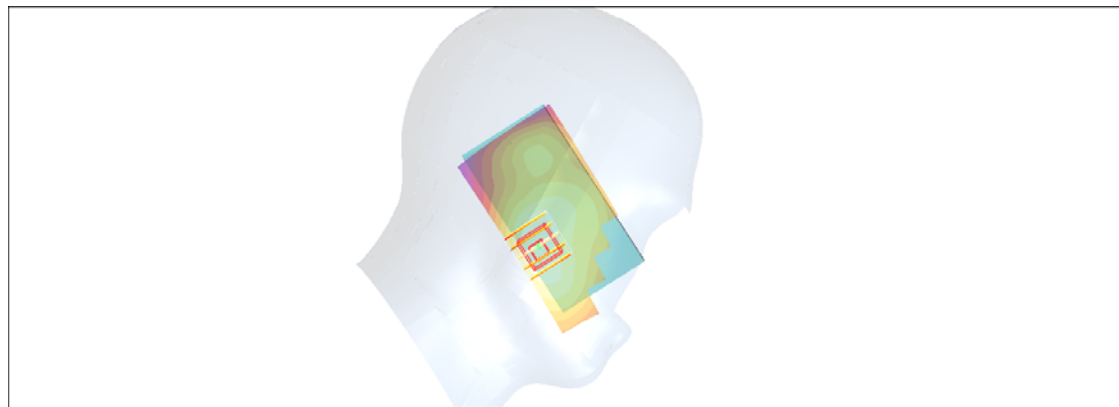
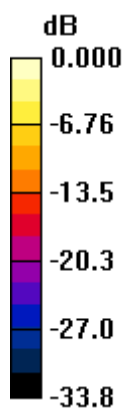
Ch661/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 9.06 V/m; Power Drift = -0.179 dB

Peak SAR (extrapolated) = 1.37 W/kg

SAR(1 g) = 0.848 mW/g; SAR(10 g) = 0.509 mW/g

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



0 dB = 0.925mW/g

#39 Left Tilted_GSM1900_DTM5_Ch661**DUT: 190323**

Communication System: PCS 1900; Frequency: 1880 MHz; Duty Cycle: 1:4

Medium: HSL_1900_110927 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.41$ mho/m; $\epsilon_r = 39$; $\rho = 1000$ kg/m³

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

DASY4 Configuration:

- Probe: EX3DV4 - SN3754; ConvF(7.38, 7.38, 7.38); Calibrated: 2011/1/11
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2011/4/28
- Phantom: SAM-Left; Type: QD 000 P40 C; Serial: TP-1478
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch661/Area Scan (41x71x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.527 mW/g

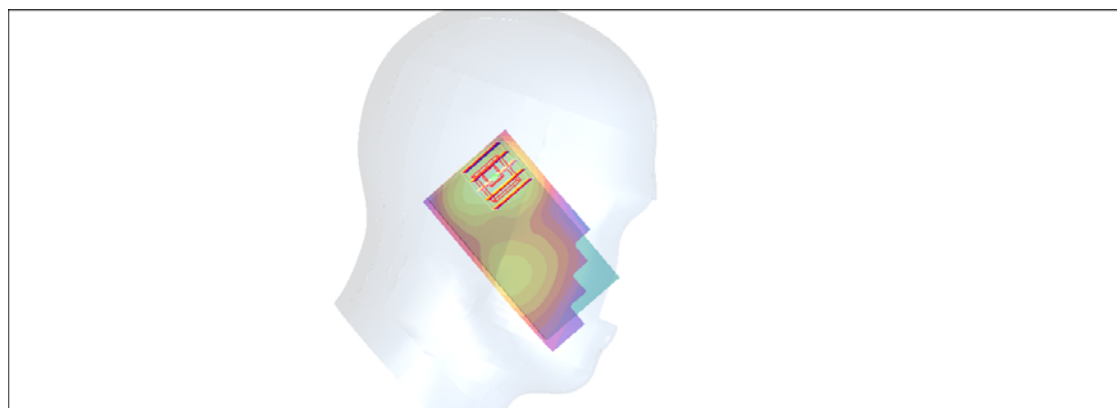
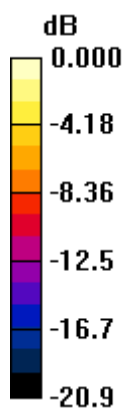
Ch661/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 15.6 V/m; Power Drift = -0.181 dB

Peak SAR (extrapolated) = 0.703 W/kg

SAR(1 g) = 0.430 mW/g; SAR(10 g) = 0.245 mW/g

Maximum value of SAR (measured) = 0.464 mW/g



0 dB = 0.464mW/g

#40 Left Cheek_GSM1900_DTM5_Ch512**DUT: 190323**

Communication System: PCS 1900; Frequency: 1850.2 MHz; Duty Cycle: 1:4
Medium: HSL_1900_110927 Medium parameters used: $f = 1850.2$ MHz; $\sigma = 1.38$ mho/m; $\epsilon_r = 39.1$; $\rho = 1000$ kg/m³
Ambient Temperature : 22.5 °C ; Liquid Temperature : 21.5 °C

DASY4 Configuration:

- Probe: EX3DV4 - SN3754; ConvF(7.38, 7.38, 7.38); Calibrated: 2011/1/11
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2011/4/28
- Phantom: SAM-Left; Type: QD 000 P40 C; Serial: TP-1478
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch512/Area Scan (41x71x1): Measurement grid: dx=20mm, dy=20mm

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

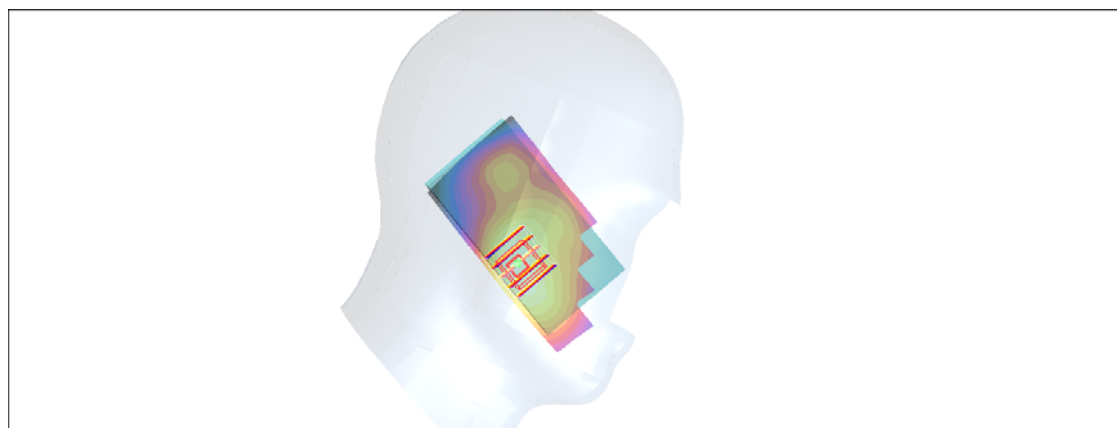
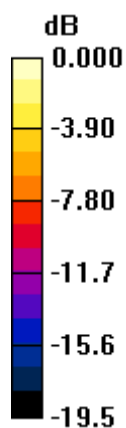
Ch512/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 8.49 V/m; Power Drift = -0.022 dB

Peak SAR (extrapolated) = 1.20 W/kg

SAR(1 g) = 0.757 mW/g; SAR(10 g) = 0.458 mW/g

Maximum value of SAR (measured) = 0.825 mW/g



0 dB = 0.825mW/g

#41 Left Cheek_GSM1900_DTM5_Ch810**DUT: 190323**

Communication System: PCS 1900; Frequency: 1909.8 MHz; Duty Cycle: 1:4

Medium: HSL_1900_110927 Medium parameters used: $f = 1910$ MHz; $\sigma = 1.44$ mho/m; $\epsilon_r = 38.9$; $\rho = 1000$ kg/m³

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

DASY4 Configuration:

- Probe: EX3DV4 - SN3754; ConvF(7.38, 7.38, 7.38); Calibrated: 2011/1/11
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2011/4/28
- Phantom: SAM-Left; Type: QD 000 P40 C; Serial: TP-1478
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch810/Area Scan (41x71x1): Measurement grid: dx=20mm, dy=20mm

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

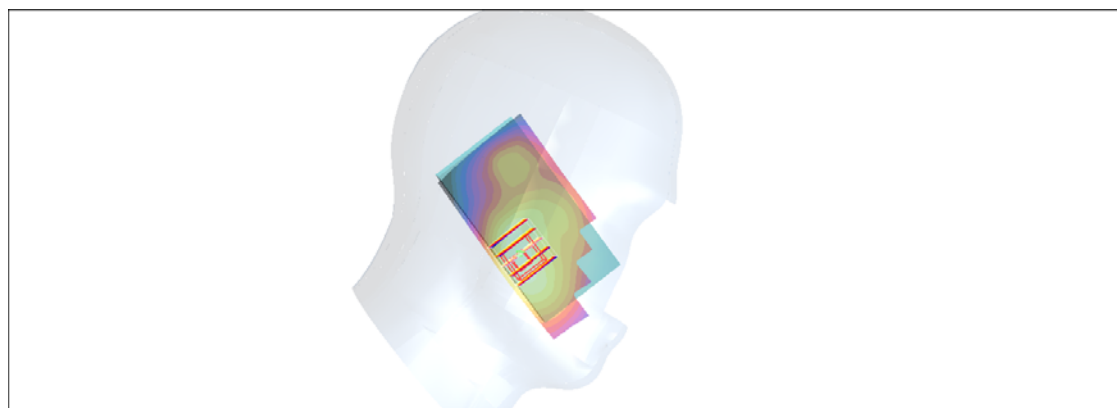
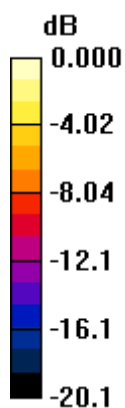
Ch810/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 9.23 V/m; Power Drift = -0.142 dB

Peak SAR (extrapolated) = 1.60 W/kg

SAR(1 g) = 0.974 mW/g; SAR(10 g) = 0.577 mW/g

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



0 dB = 1.02mW/g

#41 Left Cheek_GSM1900_DTM5_Ch810_2D**DUT: 190323**

Communication System: PCS 1900; Frequency: 1909.8 MHz; Duty Cycle: 1:4

Medium: HSL_1900_110927 Medium parameters used: $f = 1910$ MHz; $\sigma = 1.44$ mho/m; $\epsilon_r = 38.9$; $\rho = 1000$ kg/m³

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

DASY4 Configuration:

- Probe: EX3DV4 - SN3754; ConvF(7.38, 7.38, 7.38); Calibrated: 2011/1/11
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2011/4/28
- Phantom: SAM-Left; Type: QD 000 P40 C; Serial: TP-1478
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch810/Area Scan (41x71x1): Measurement grid: dx=20mm, dy=20mm

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

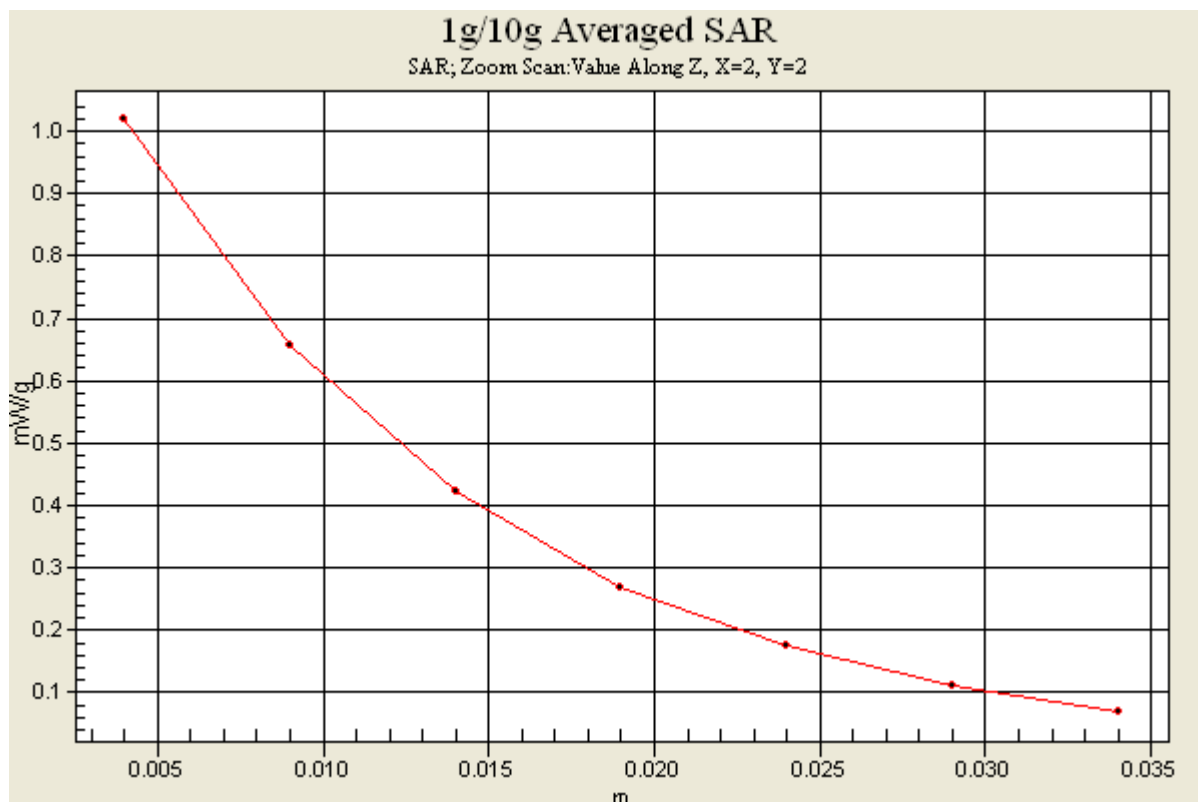
Ch810/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 9.23 V/m; Power Drift = -0.142 dB

Peak SAR (extrapolated) = 1.60 W/kg

SAR(1 g) = 0.974 mW/g; SAR(10 g) = 0.577 mW/g

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



#32 Right Cheek_WCDMA V_RMC12.2K_Ch4233**DUT: 190323**

Communication System: WCDMA Band 5; Frequency: 846.6 MHz; Duty Cycle: 1:1

Medium: HSL_850_110927 Medium parameters used: $f = 847$ MHz; $\sigma = 0.917$ mho/m; $\epsilon_r = 43.1$; $\rho = 1000$ kg/m³

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

DASY4 Configuration:

- Probe: EX3DV4 - SN3754; ConvF(8.71, 8.71, 8.71); Calibrated: 2011/1/11
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2011/4/28
- Phantom: SAM-Right; Type: QD 000 P40 C; Serial: TP-1383
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch4223/Area Scan (41x71x1): Measurement grid: dx=20mm, dy=20mm

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

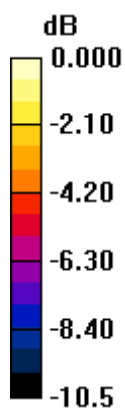
Ch4223/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 5.76 V/m; Power Drift = -0.022 dB

Peak SAR (extrapolated) = 0.338 W/kg

SAR(1 g) = 0.271 mW/g; SAR(10 g) = 0.203 mW/g

Maximum value of SAR (measured) = 0.284 mW/g



0 dB = 0.284mW/g

#33 Right Tilted_WCDMA V_RMC12.2K_Ch4233**DUT: 190323**

Communication System: WCDMA Band 5; Frequency: 846.6 MHz; Duty Cycle: 1:1

Medium: HSL_850_110927 Medium parameters used: $f = 847$ MHz; $\sigma = 0.917$ mho/m; $\epsilon_r = 43.1$; $\rho = 1000$ kg/m³

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

DASY4 Configuration:

- Probe: EX3DV4 - SN3754; ConvF(8.71, 8.71, 8.71); Calibrated: 2011/1/11
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2011/4/28
- Phantom: SAM-Right; Type: QD 000 P40 C; Serial: TP-1383
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch4223/Area Scan (41x71x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.202 mW/g

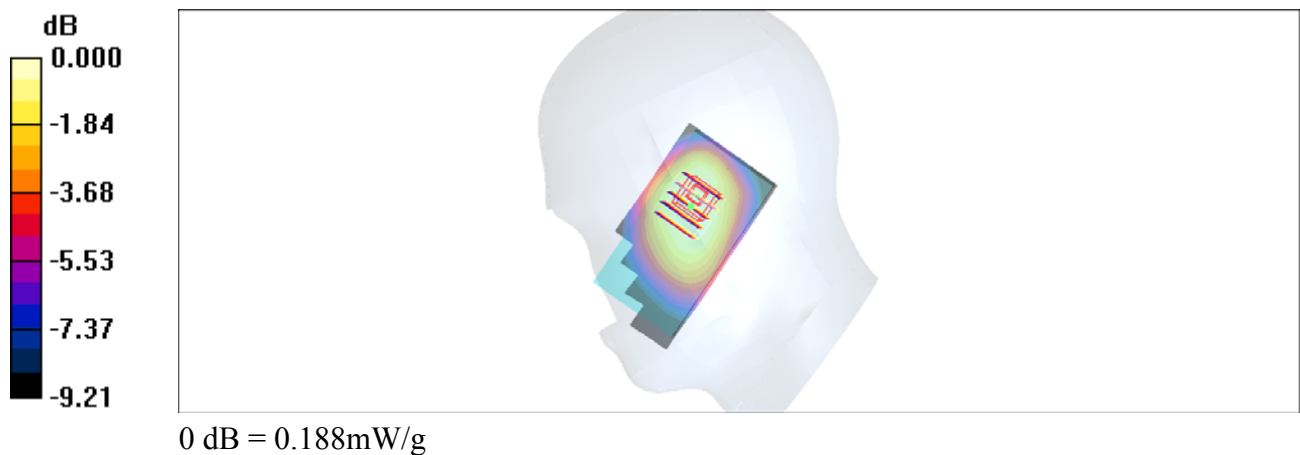
Ch4223/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 10.5 V/m; Power Drift = 0.035 dB

Peak SAR (extrapolated) = 0.223 W/kg

SAR(1 g) = 0.178 mW/g; SAR(10 g) = 0.130 mW/g

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



#34 Left Cheek_WCDMA V_RMC12.2K_Ch4233**DUT: 190323**

Communication System: WCDMA Band 5; Frequency: 846.6 MHz; Duty Cycle: 1:1

Medium: HSL_850_110927 Medium parameters used: $f = 847$ MHz; $\sigma = 0.917$ mho/m; $\epsilon_r = 43.1$; $\rho = 1000$ kg/m³

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

DASY4 Configuration:

- Probe: EX3DV4 - SN3754; ConvF(8.71, 8.71, 8.71); Calibrated: 2011/1/11
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2011/4/28
- Phantom: SAM-Right; Type: QD 000 P40 C; Serial: TP-1383
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch4223/Area Scan (41x71x1): Measurement grid: dx=20mm, dy=20mm

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

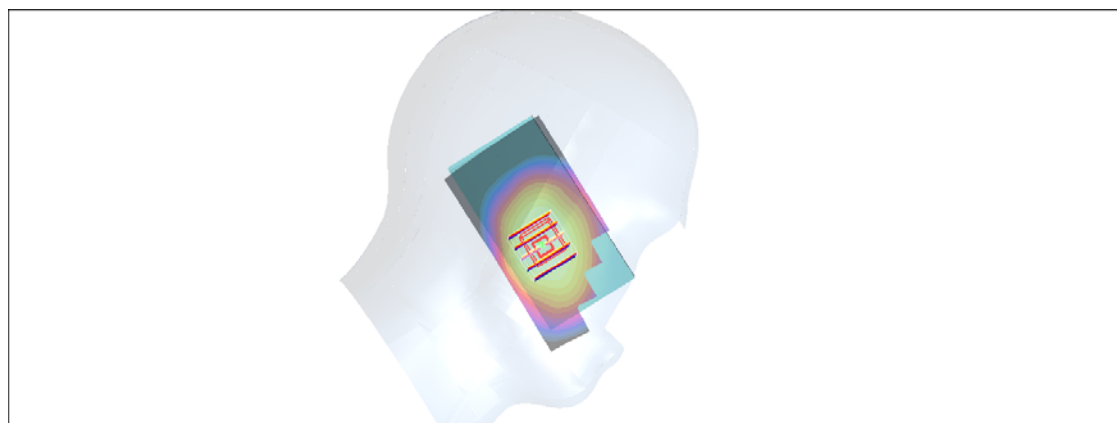
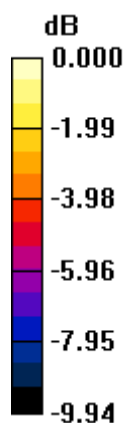
Ch4223/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 4.46 V/m; Power Drift = 0.032 dB

Peak SAR (extrapolated) = 0.357 W/kg

SAR(1 g) = 0.275 mW/g; SAR(10 g) = 0.201 mW/g

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



0 dB = 0.293mW/g

#34 Left Cheek_WCDMA V_RMC12.2K_Ch4233_2D**DUT: 190323**

Communication System: WCDMA Band 5; Frequency: 846.6 MHz; Duty Cycle: 1:1

Medium: HSL_850_110927 Medium parameters used: $f = 847$ MHz; $\sigma = 0.917$ mho/m; $\epsilon_r = 43.1$; $\rho = 1000$ kg/m³

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

DASY4 Configuration:

- Probe: EX3DV4 - SN3754; ConvF(8.71, 8.71, 8.71); Calibrated: 2011/1/11
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2011/4/28
- Phantom: SAM-Right; Type: QD 000 P40 C; Serial: TP-1383
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch4223/Area Scan (41x71x1): Measurement grid: dx=20mm, dy=20mm

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

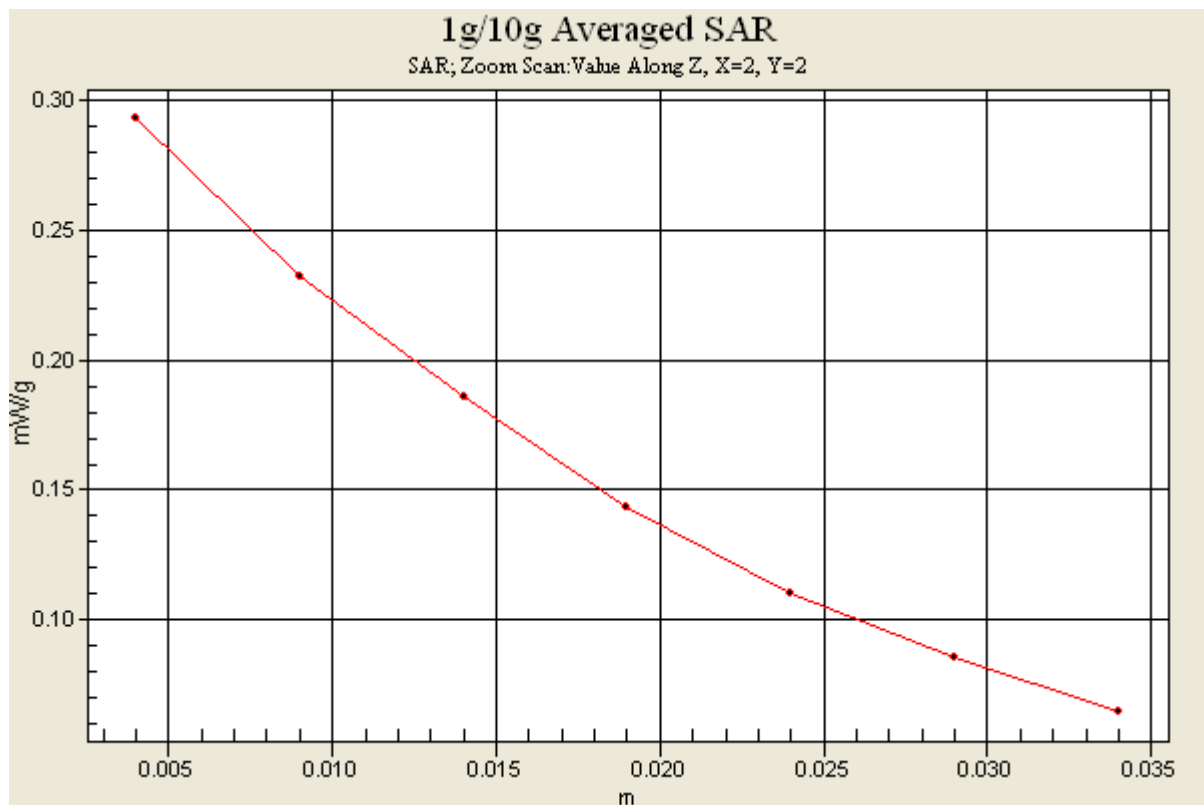
Ch4223/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 4.46 V/m; Power Drift = 0.032 dB

Peak SAR (extrapolated) = 0.357 W/kg

SAR(1 g) = 0.275 mW/g; SAR(10 g) = 0.201 mW/g

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



#35 Left Tilted_WCDMA V_RMC12.2K_Ch4233**DUT: 190323**

Communication System: WCDMA Band 5; Frequency: 846.6 MHz; Duty Cycle: 1:1

Medium: HSL_850_110927 Medium parameters used: $f = 847$ MHz; $\sigma = 0.917$ mho/m; $\epsilon_r = 43.1$; $\rho = 1000$ kg/m³

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

DASY4 Configuration:

- Probe: EX3DV4 - SN3754; ConvF(8.71, 8.71, 8.71); Calibrated: 2011/1/11
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2011/4/28
- Phantom: SAM-Right; Type: QD 000 P40 C; Serial: TP-1383
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch4223/Area Scan (41x71x1): Measurement grid: dx=20mm, dy=20mm

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

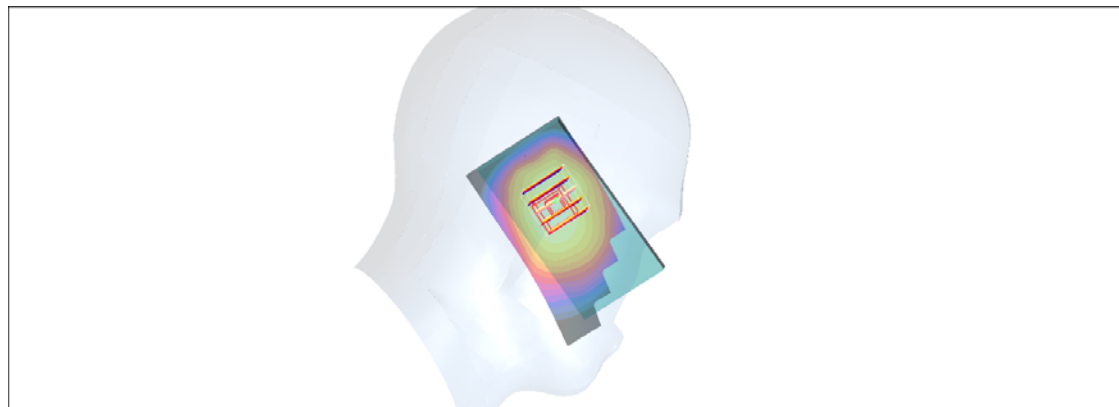
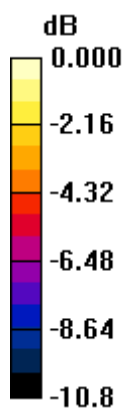
Ch4223/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 9.29 V/m; Power Drift = 0.107 dB

Peak SAR (extrapolated) = 0.275 W/kg

SAR(1 g) = 0.214 mW/g; SAR(10 g) = 0.158 mW/g

Maximum value of SAR (measured) = 0.224 mW/g



0 dB = 0.224mW/g

#49 802.11b_Right Cheek_Ch1**DUT: 190323**

Communication System: 802.11b; Frequency: 2412 MHz; Duty Cycle: 1:1

Medium: HSL_2450_111022 Medium parameters used: $f = 2412$ MHz; $\sigma = 1.785$ mho/m; $\epsilon_r =$

38.045; $\rho = 1000$ kg/m³

Ambient Temperature : 22.3 °C ; Liquid Temperature : 21.3 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(6.92, 6.92, 6.92); Calibrated: 2011/6/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2011/1/13
- Phantom: SAM Right; Type: QD000P40CD; Serial: TP:1644
- Measurement SW: DASY52, Version 52.6 (2); SEMCAD X Version 14.4.5 (3634)

Ch1/Area Scan (41x71x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.425 mW/g

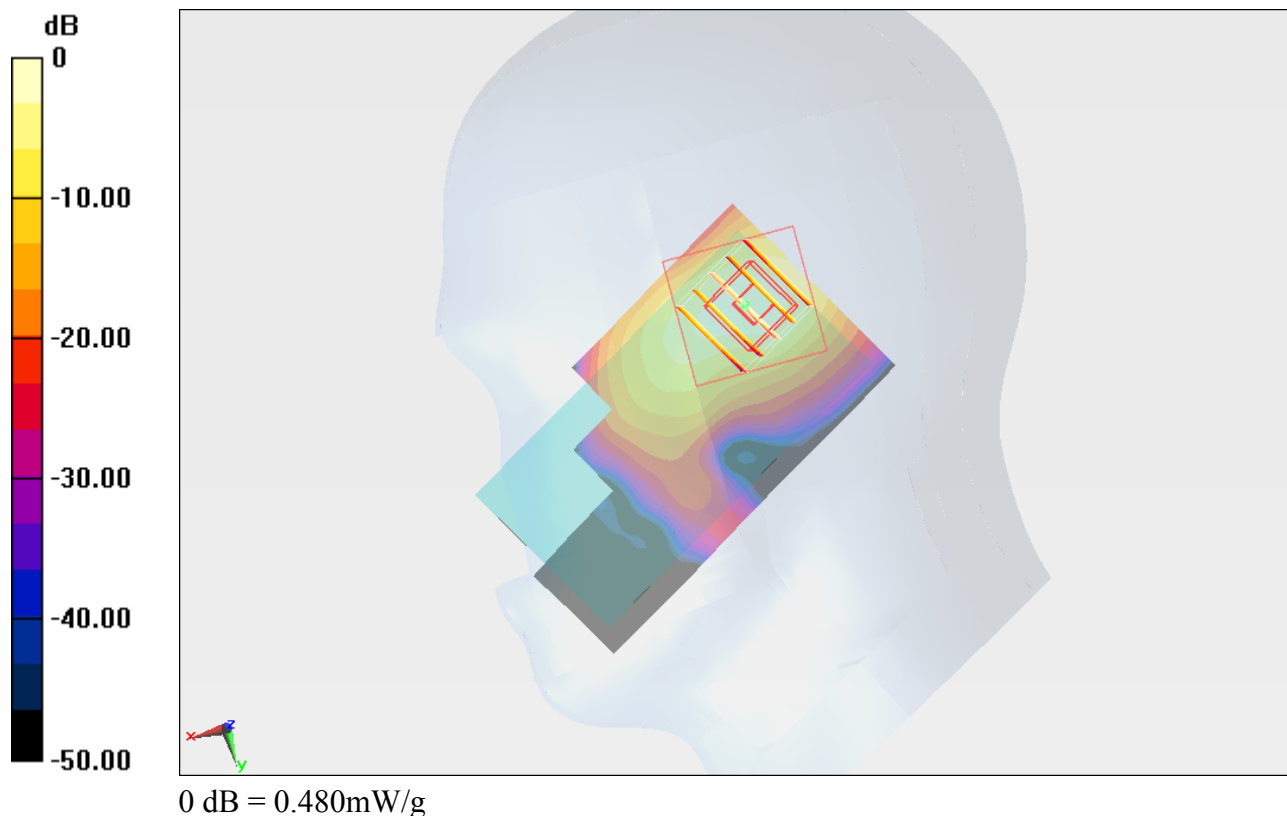
Ch1/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 13.384 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 0.943 W/kg

SAR(1 g) = 0.442 mW/g; SAR(10 g) = 0.197 mW/g

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



#49 802.11b_Right Cheek_Ch1_2D**DUT: 190323**

Communication System: 802.11b; Frequency: 2412 MHz; Duty Cycle: 1:1

Medium: HSL_2450_111022 Medium parameters used: $f = 2412$ MHz; $\sigma = 1.785$ mho/m; $\epsilon_r =$

38.045 ; $\rho = 1000$ kg/m³

Ambient Temperature : 22.3 °C ; Liquid Temperature : 21.3 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(6.92, 6.92, 6.92); Calibrated: 2011/6/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2011/1/13
- Phantom: SAM Right; Type: QD000P40CD; Serial: TP:1644
- Measurement SW: DASY52, Version 52.6 (2); SEMCAD X Version 14.4.5 (3634)

Ch1/Area Scan (41x71x1): Measurement grid: $dx=20$ mm, $dy=20$ mm

Maximum value of SAR (interpolated) = 0.425 mW/g

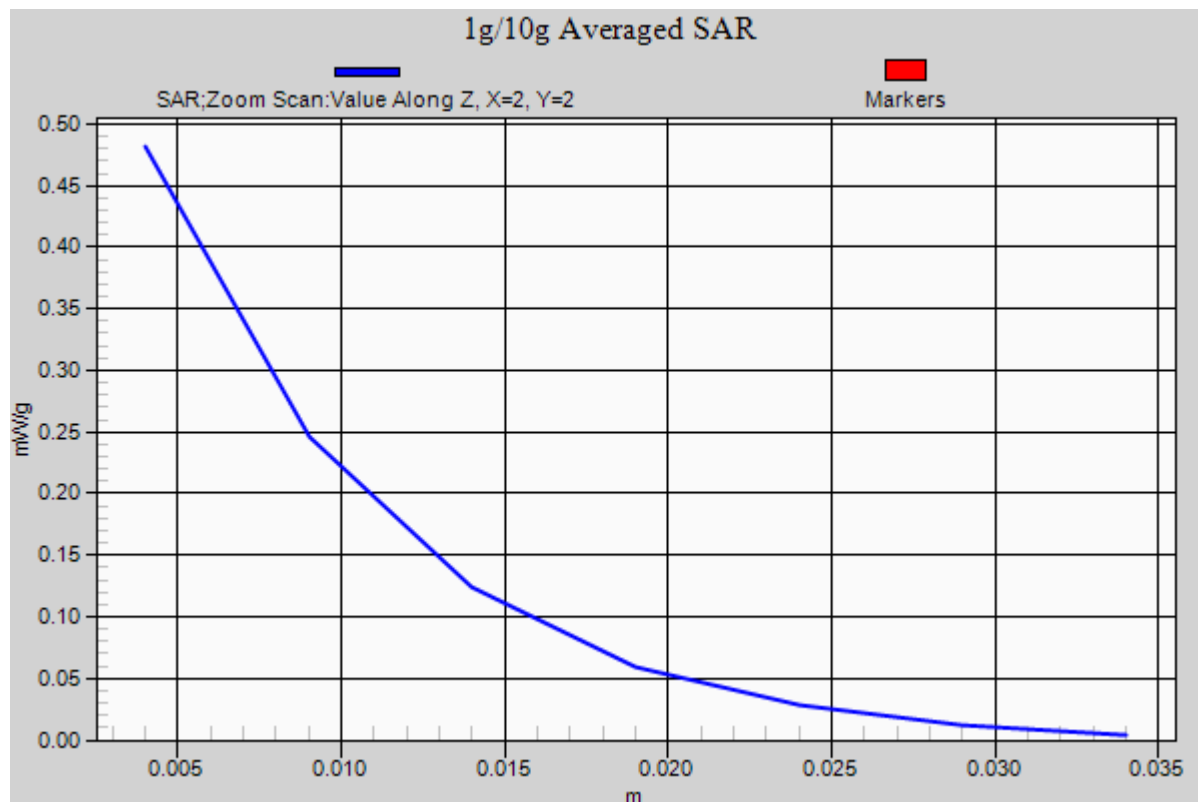
Ch1/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 13.384 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 0.943 W/kg

SAR(1 g) = 0.442 mW/g; SAR(10 g) = 0.197 mW/g

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



#50 802.11b_Right Tilted_Ch1**DUT: 190323**

Communication System: 802.11b; Frequency: 2412 MHz; Duty Cycle: 1:1

Medium: HSL_2450_111022 Medium parameters used: $f = 2412$ MHz; $\sigma = 1.785$ mho/m; $\epsilon_r =$

38.045; $\rho = 1000$ kg/m³

Ambient Temperature : 22.3 °C ; Liquid Temperature : 21.3 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(6.92, 6.92, 6.92); Calibrated: 2011/6/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2011/1/13
- Phantom: SAM Right; Type: QD000P40CD; Serial: TP:1644
- Measurement SW: DASY52, Version 52.6 (2); SEMCAD X Version 14.4.5 (3634)

Ch1/Area Scan (41x71x1): Measurement grid: dx=20mm, dy=20mm

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

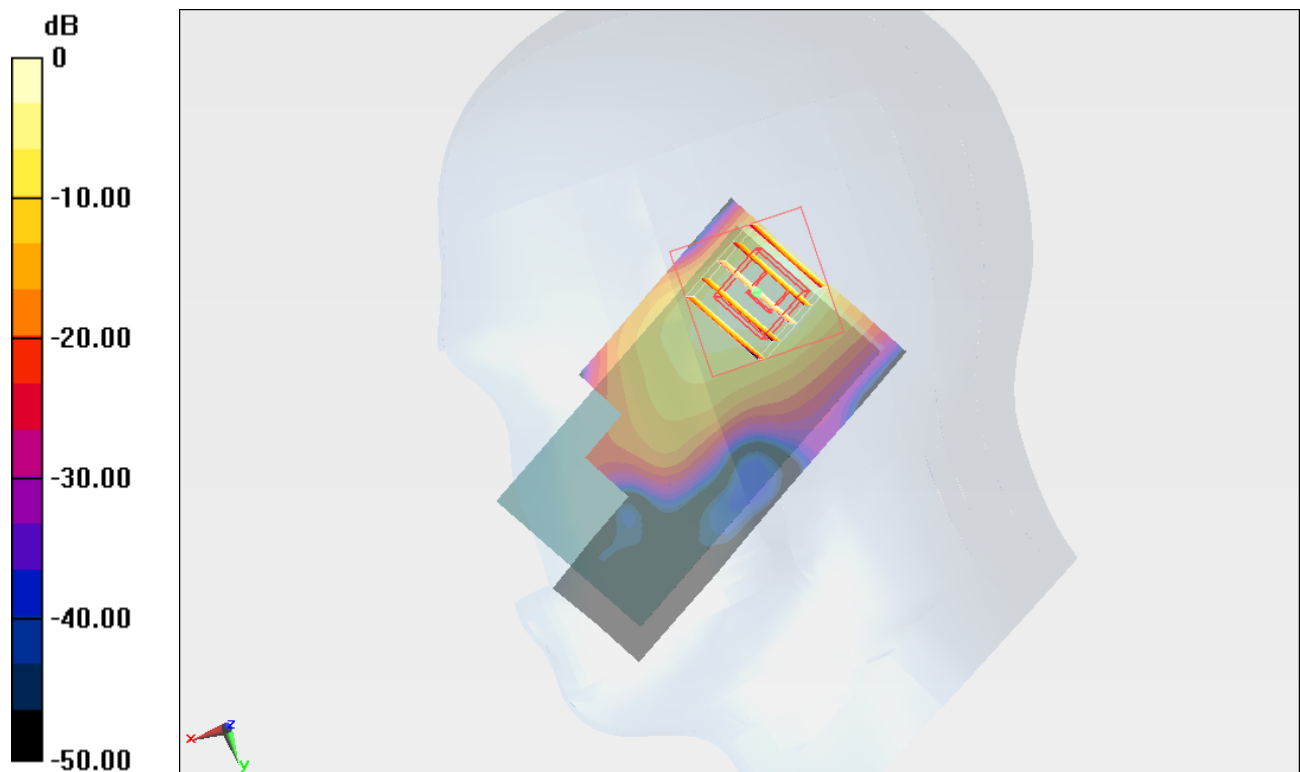
Ch1/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 11.839 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 0.680 W/kg

SAR(1 g) = 0.322 mW/g; SAR(10 g) = 0.143 mW/g

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



0 dB = 0.350mW/g

#51 802.11b_Left Cheek_Ch1**DUT: 190323**

Communication System: 802.11b; Frequency: 2412 MHz; Duty Cycle: 1:1

Medium: HSL_2450_111022 Medium parameters used: $f = 2412$ MHz; $\sigma = 1.785$ mho/m; $\epsilon_r =$

38.045; $\rho = 1000$ kg/m³

Ambient Temperature : 22.3 °C ; Liquid Temperature : 21.3 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(6.92, 6.92, 6.92); Calibrated: 2011/6/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2011/1/13
- Phantom: SAM Right; Type: QD000P40CD; Serial: TP:1644
- Measurement SW: DASY52, Version 52.6 (2); SEMCAD X Version 14.4.5 (3634)

Ch1/Area Scan (41x71x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.409 mW/g

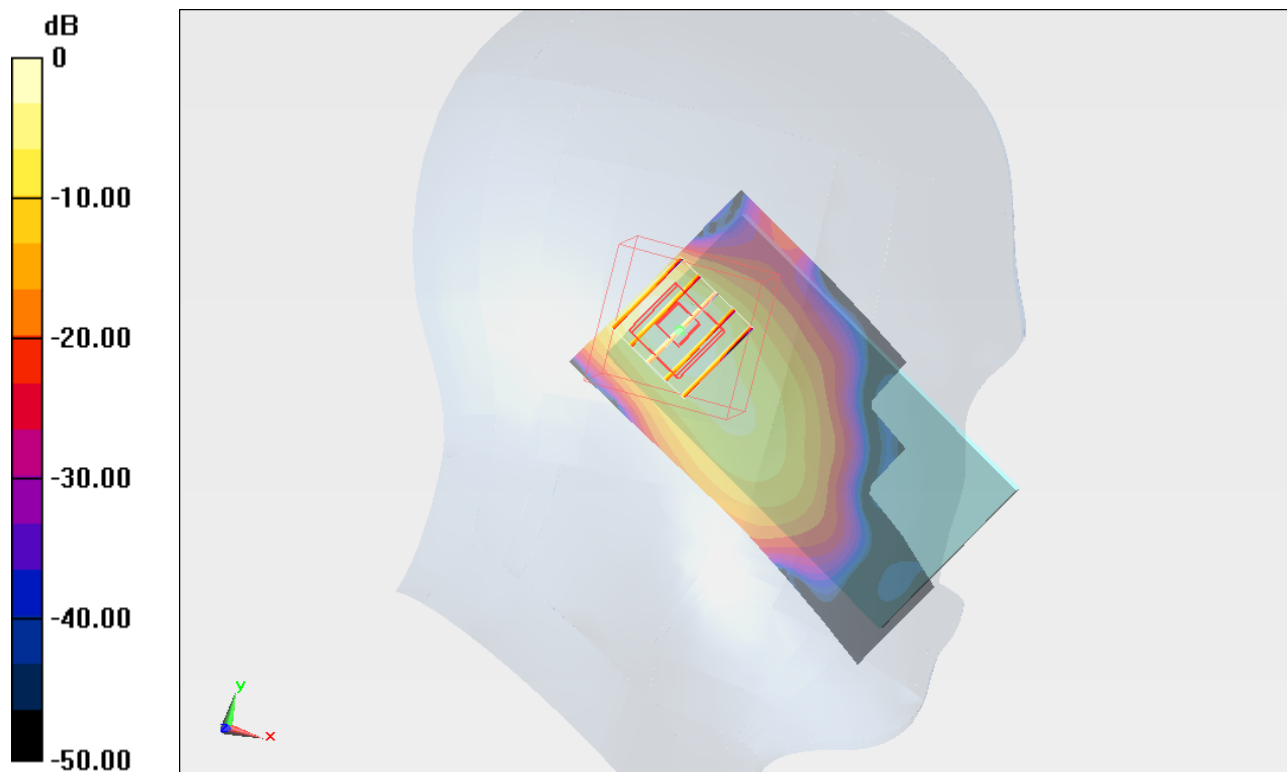
Ch1/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 13.278 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 0.781 W/kg

SAR(1 g) = 0.364 mW/g; SAR(10 g) = 0.157 mW/g

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



0 dB = 0.420mW/g

#52 802.11b_Left Tilted_Ch1**DUT: 190323**

Communication System: 802.11b; Frequency: 2412 MHz; Duty Cycle: 1:1

Medium: HSL_2450_111022 Medium parameters used: $f = 2412$ MHz; $\sigma = 1.785$ mho/m; $\epsilon_r =$

38.045 ; $\rho = 1000$ kg/m³

Ambient Temperature : 22.3 °C ; Liquid Temperature : 21.3 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(6.92, 6.92, 6.92); Calibrated: 2011/6/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2011/1/13
- Phantom: SAM Right; Type: QD000P40CD; Serial: TP:1644
- Measurement SW: DASY52, Version 52.6 (2); SEMCAD X Version 14.4.5 (3634)

Ch1/Area Scan (41x71x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.286 mW/g

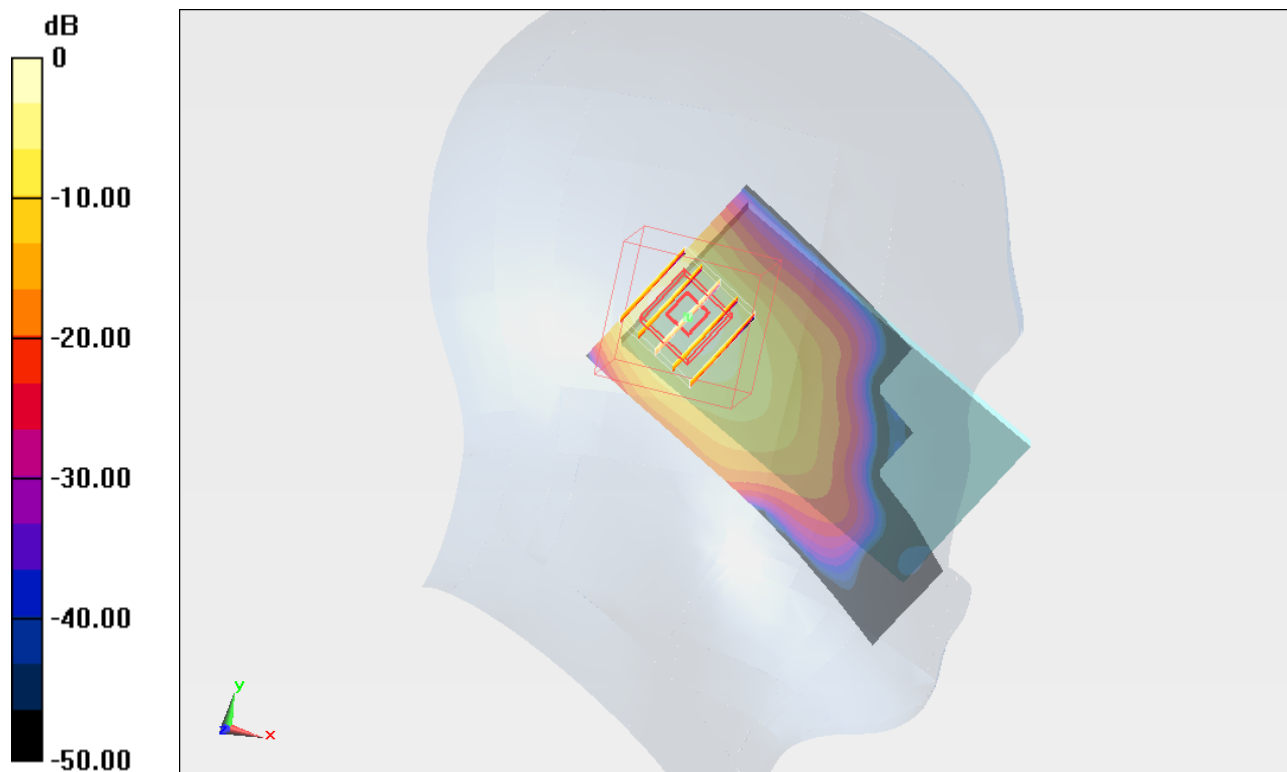
Ch1/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 12.260 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.598 W/kg

SAR(1 g) = 0.295 mW/g; SAR(10 g) = 0.132 mW/g

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



0 dB = 0.340mW/g

#21 GSM850_GPRS10_Front_1cm_Ch128**DUT: 190323**

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

Medium: MSL_850_110928 Medium parameters used : $f = 824.2$ MHz; $\sigma = 0.954$ mho/m; $\epsilon_r =$ 54.652; $\rho = 1000$ kg/m³

Ambient Temperature : 22.6 °C ; Liquid Temperature : 21.4 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(9.02, 9.02, 9.02); Calibrated: 2011/6/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2011/6/17
- Phantom: SAM Right; Type: QD000P40CD; Serial: TP:1644
- Measurement SW: DASY52, Version 52.6 (2); SEMCAD X Version 14.4.5 (3634)

Ch128/Area Scan (51x81x1): Measurement grid: dx=20mm, dy=20mm

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

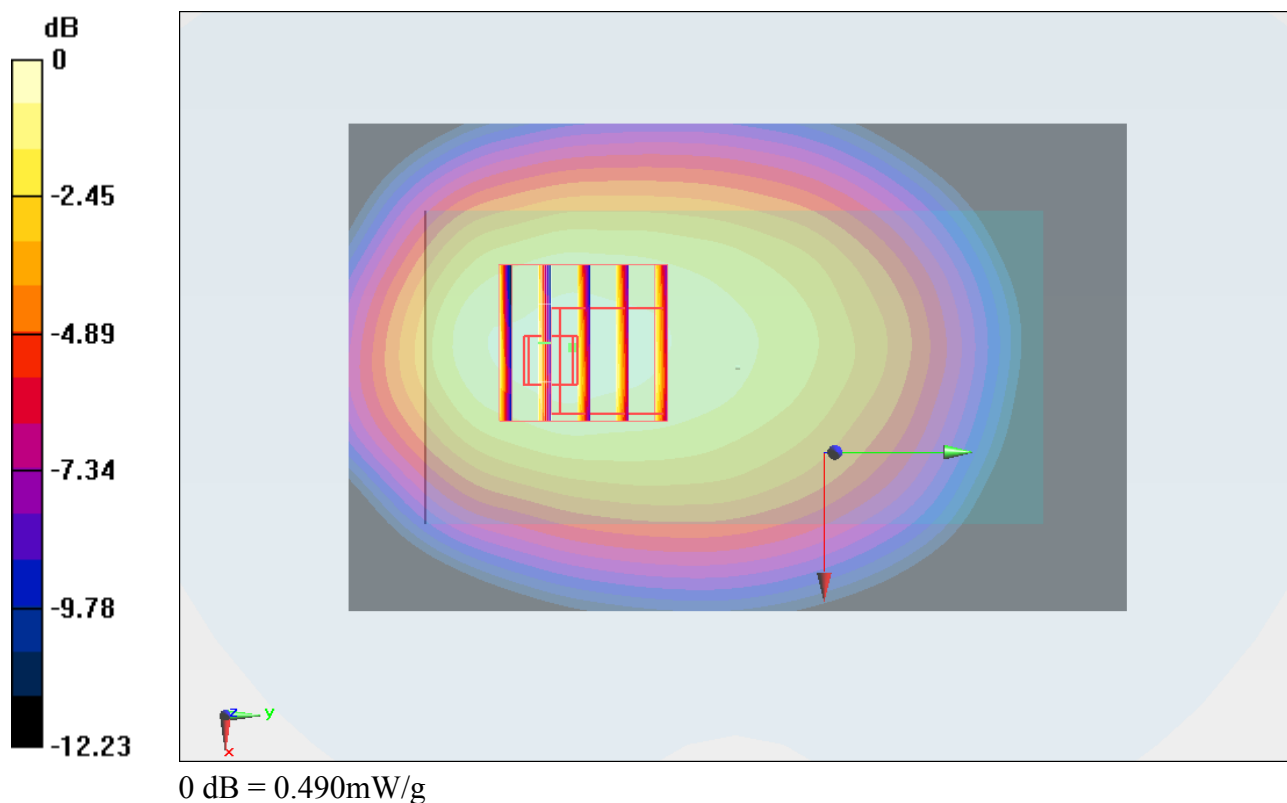
Ch128/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 20.729 V/m; Power Drift = -0.053 dB

Peak SAR (extrapolated) = 0.633 W/kg

SAR(1 g) = 0.456 mW/g; SAR(10 g) = 0.327 mW/g

Maximum value of SAR (measured) = 0.488 mW/g



#21 GSM850_GPRS10_Front_1cm_Ch128_2D**DUT: 190323**

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

Medium: MSL_850_110928 Medium parameters used : $f = 824.2$ MHz; $\sigma = 0.954$ mho/m; $\epsilon_r =$

54.652; $\rho = 1000$ kg/m³

Ambient Temperature : 22.6 °C ; Liquid Temperature : 21.4 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(9.02, 9.02, 9.02); Calibrated: 2011/6/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2011/6/17
- Phantom: SAM Right; Type: QD000P40CD; Serial: TP:1644
- Measurement SW: DASY52, Version 52.6 (2); SEMCAD X Version 14.4.5 (3634)

Ch128/Area Scan (51x81x1): Measurement grid: dx=20mm, dy=20mm

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

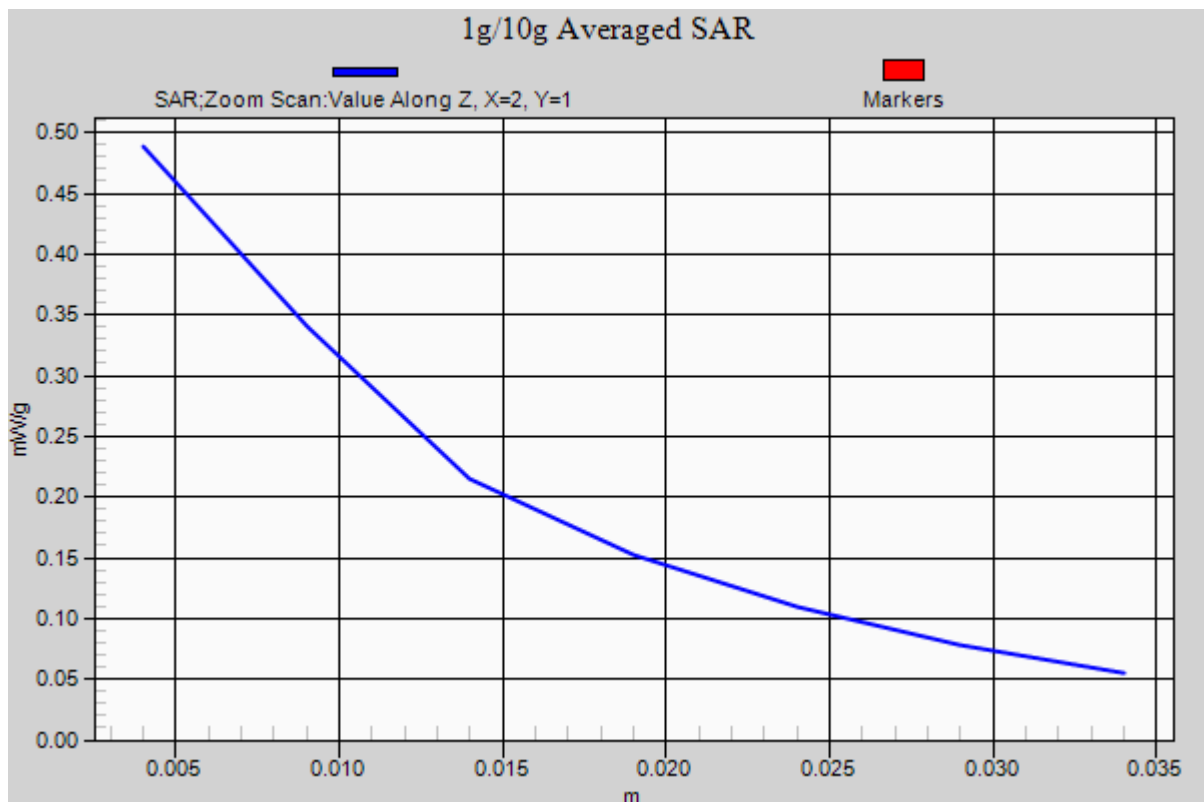
Ch128/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 20.729 V/m; Power Drift = -0.053 dB

Peak SAR (extrapolated) = 0.633 W/kg

SAR(1 g) = 0.456 mW/g; SAR(10 g) = 0.327 mW/g

Maximum value of SAR (measured) = 0.488 mW/g



#22 GSM850_GPRS10_Back_1cm_Ch128**DUT: 190323**

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

Medium: MSL_850_110928 Medium parameters used : $f = 824.2$ MHz; $\sigma = 0.954$ mho/m; $\epsilon_r =$ 54.652; $\rho = 1000$ kg/m³

Ambient Temperature : 22.6 °C ; Liquid Temperature : 21.4 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(9.02, 9.02, 9.02); Calibrated: 2011/6/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2011/6/17
- Phantom: SAM Right; Type: QD000P40CD; Serial: TP:1644
- Measurement SW: DASY52, Version 52.6 (2); SEMCAD X Version 14.4.5 (3634)

Ch128/Area Scan (51x81x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.425 mW/g

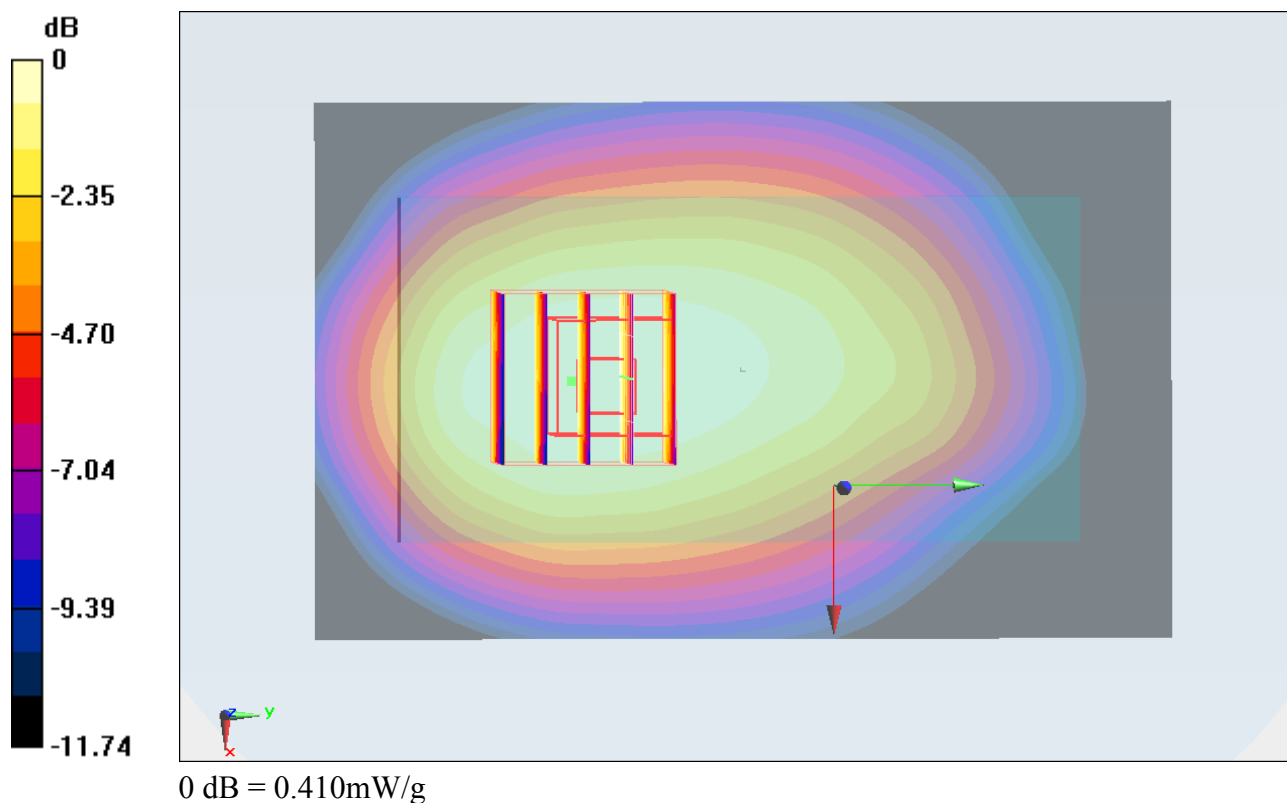
Ch128/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 19.485 V/m; Power Drift = -0.12 dB

Peak SAR (extrapolated) = 0.533 W/kg

SAR(1 g) = 0.395 mW/g; SAR(10 g) = 0.292 mW/g

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



#23 GSM850_GPRS10_Left Side_1cm_Ch128**DUT: 190323**

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

Medium: MSL_850_110928 Medium parameters used : $f = 824.2$ MHz; $\sigma = 0.954$ mho/m; $\epsilon_r =$ 54.652; $\rho = 1000$ kg/m³

Ambient Temperature : 22.6 °C ; Liquid Temperature : 21.4 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(9.02, 9.02, 9.02); Calibrated: 2011/6/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2011/6/17
- Phantom: SAM Right; Type: QD000P40CD; Serial: TP:1644
- Measurement SW: DASY52, Version 52.6 (2); SEMCAD X Version 14.4.5 (3634)

Ch128/Area Scan (31x81x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.173 mW/g

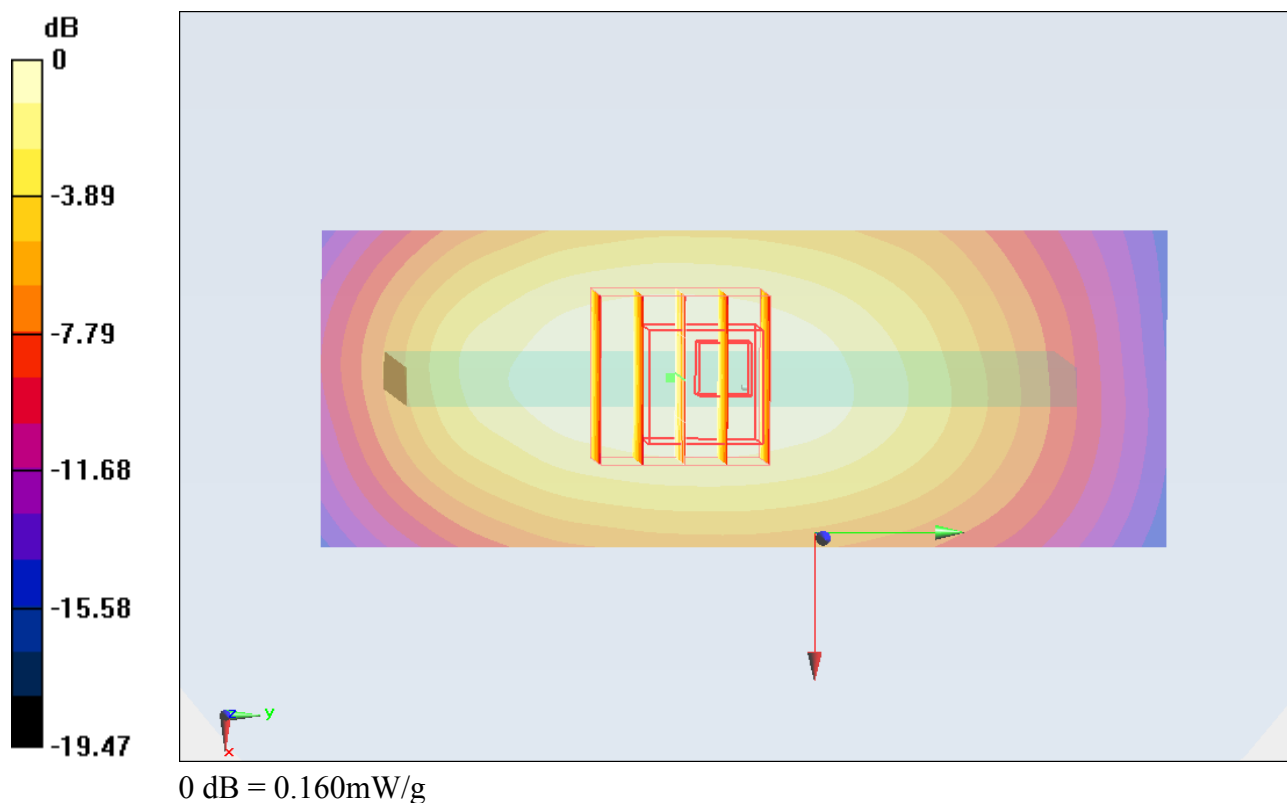
Ch128/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 13.453 V/m; Power Drift = -0.137 dB

Peak SAR (extrapolated) = 0.243 W/kg

SAR(1 g) = 0.159 mW/g; SAR(10 g) = 0.105 mW/g

Maximum value of SAR (measured) = 0.163 mW/g



#24 GSM850_GPRS10_Right Side_1cm_Ch128**DUT: 190323**

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

Medium: MSL_850_110928 Medium parameters used : $f = 824.2$ MHz; $\sigma = 0.954$ mho/m; $\epsilon_r =$ 54.652; $\rho = 1000$ kg/m³

Ambient Temperature : 22.6 °C ; Liquid Temperature : 21.4 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(9.02, 9.02, 9.02); Calibrated: 2011/6/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2011/6/17
- Phantom: SAM Right; Type: QD000P40CD; Serial: TP:1644
- Measurement SW: DASY52, Version 52.6 (2); SEMCAD X Version 14.4.5 (3634)

Ch128/Area Scan (31x81x1): Measurement grid: dx=20mm, dy=20mm

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

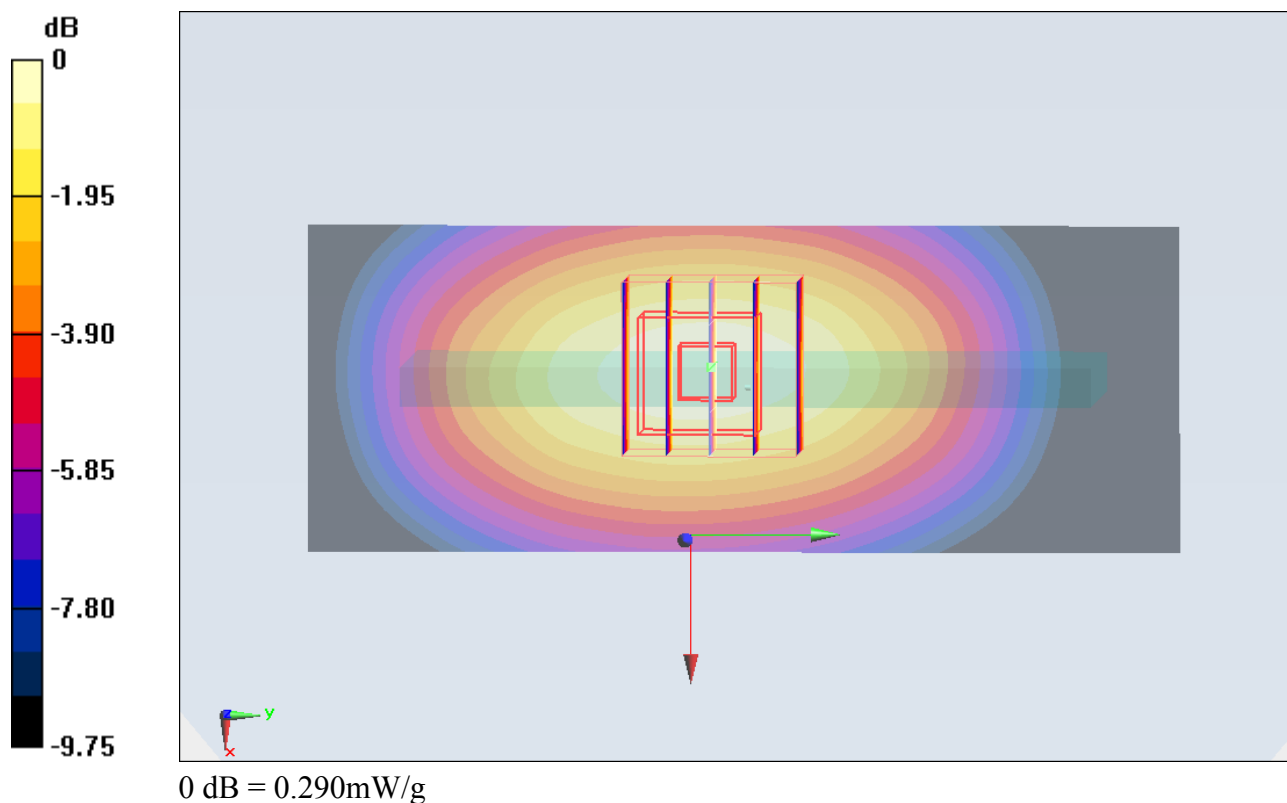
Ch128/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 16.950 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 0.380 W/kg

SAR(1 g) = 0.270 mW/g; SAR(10 g) = 0.187 mW/g

Maximum value of SAR (measured) = 0.286 mW/g



#25 GSM850_GPRS10_Top Side_1cm_Ch128**DUT: 190323**

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

Medium: MSL_850_110928 Medium parameters used : $f = 824.2$ MHz; $\sigma = 0.954$ mho/m; $\epsilon_r =$ 54.652; $\rho = 1000$ kg/m³

Ambient Temperature : 22.6 °C ; Liquid Temperature : 21.4 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(9.02, 9.02, 9.02); Calibrated: 2011/6/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2011/6/17
- Phantom: SAM Right; Type: QD000P40CD; Serial: TP:1644
- Measurement SW: DASY52, Version 52.6 (2); SEMCAD X Version 14.4.5 (3634)

Ch128/Area Scan (31x41x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.013 mW/g

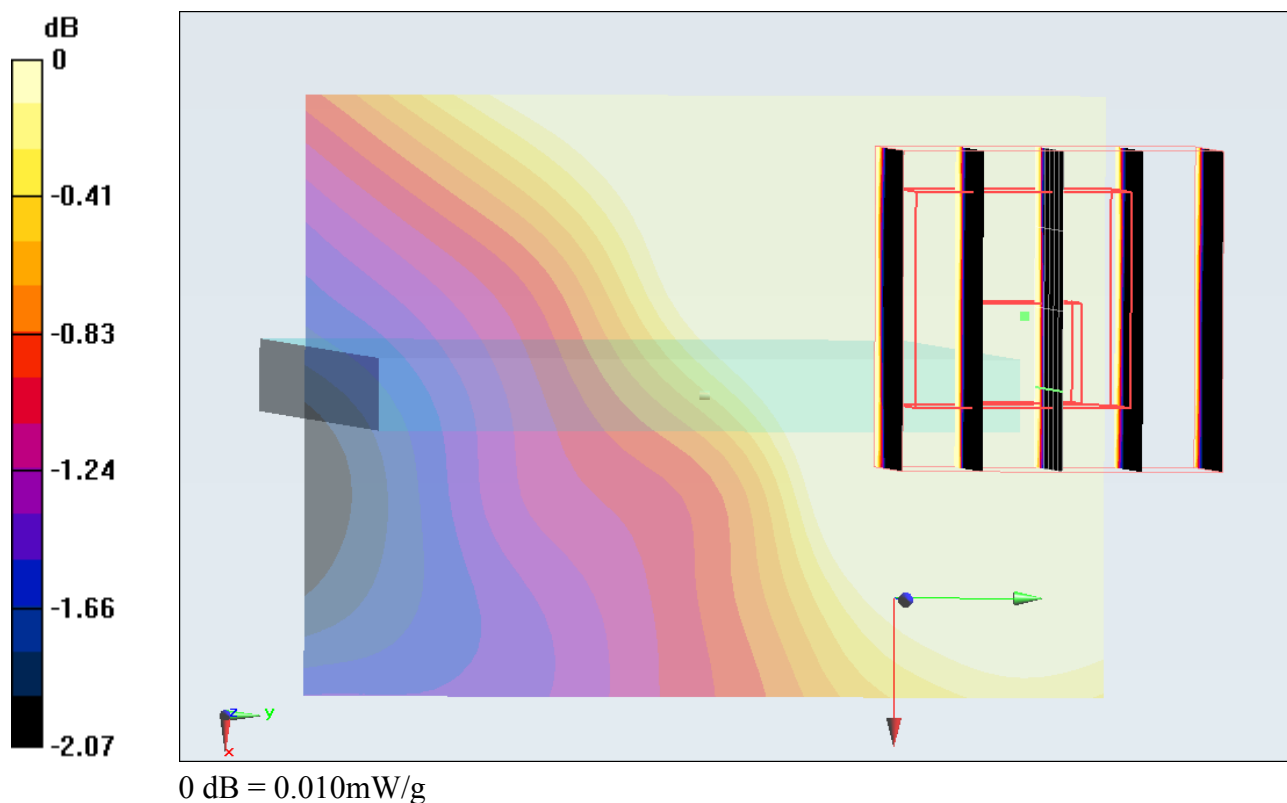
Ch128/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 3.278 V/m; Power Drift = 0.124 dB

Peak SAR (extrapolated) = 0.017 W/kg

SAR(1 g) = 0.012 mW/g; SAR(10 g) = 0.00859 mW/g

Maximum value of SAR (measured) = 0.013 mW/g



#26 GSM850_GPRS10_Bottom Side_1cm_Ch128**DUT: 190323**

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

Medium: MSL_850_110928 Medium parameters used : $f = 824.2$ MHz; $\sigma = 0.954$ mho/m; $\epsilon_r =$ 54.652; $\rho = 1000$ kg/m³

Ambient Temperature : 22.6 °C ; Liquid Temperature : 21.4 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(9.02, 9.02, 9.02); Calibrated: 2011/6/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2011/6/17
- Phantom: SAM Right; Type: QD000P40CD; Serial: TP:1644
- Measurement SW: DASY52, Version 52.6 (2); SEMCAD X Version 14.4.5 (3634)

Ch128/Area Scan (31x41x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.046 mW/g

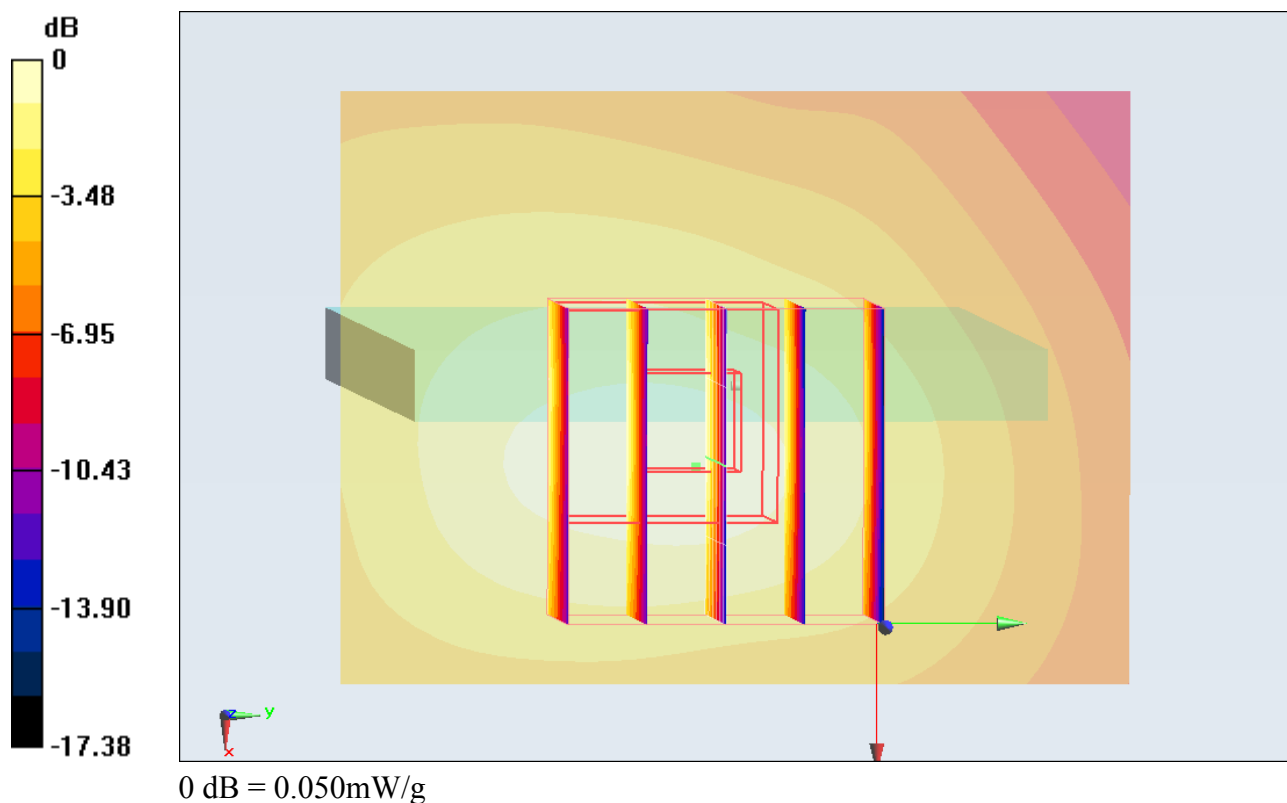
Ch128/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 7.734 V/m; Power Drift = 0.119 dB

Peak SAR (extrapolated) = 0.091 W/kg

SAR(1 g) = 0.052 mW/g; SAR(10 g) = 0.030 mW/g

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



#21 GSM850_GPRS10_Front_1cm_Ch128**DUT: 190323**

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

Medium: MSL_850_110928 Medium parameters used : $f = 824.2$ MHz; $\sigma = 0.954$ mho/m; $\epsilon_r =$ 54.652; $\rho = 1000$ kg/m³

Ambient Temperature : 22.6 °C ; Liquid Temperature : 21.4 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(9.02, 9.02, 9.02); Calibrated: 2011/6/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2011/6/17
- Phantom: SAM Right; Type: QD000P40CD; Serial: TP:1644
- Measurement SW: DASY52, Version 52.6 (2); SEMCAD X Version 14.4.5 (3634)

Ch128/Area Scan (51x81x1): Measurement grid: dx=20mm, dy=20mm

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

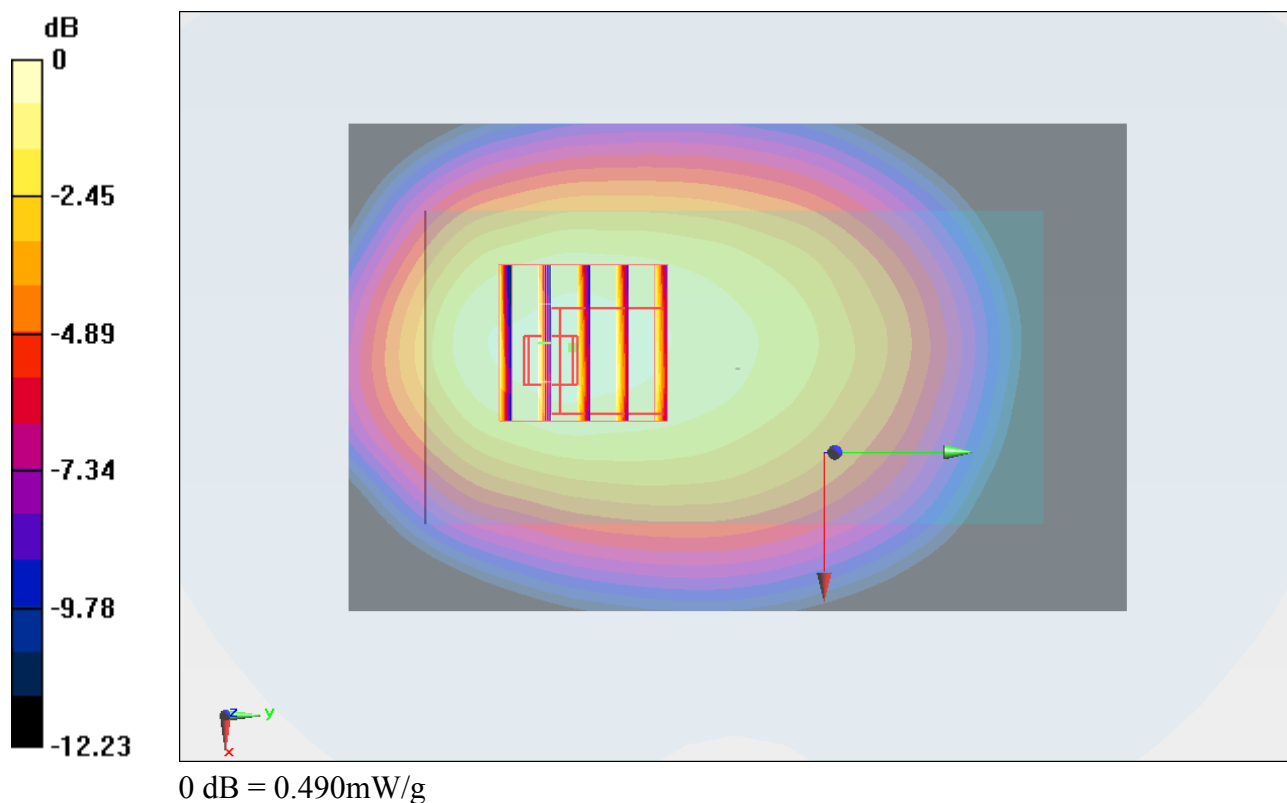
Ch128/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 20.729 V/m; Power Drift = -0.053 dB

Peak SAR (extrapolated) = 0.633 W/kg

SAR(1 g) = 0.456 mW/g; SAR(10 g) = 0.327 mW/g

Maximum value of SAR (measured) = 0.488 mW/g



#22 GSM850_GPRS10_Back_1cm_Ch128**DUT: 190323**

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

Medium: MSL_850_110928 Medium parameters used : $f = 824.2$ MHz; $\sigma = 0.954$ mho/m; $\epsilon_r =$ 54.652; $\rho = 1000$ kg/m³

Ambient Temperature : 22.6 °C ; Liquid Temperature : 21.4 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(9.02, 9.02, 9.02); Calibrated: 2011/6/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2011/6/17
- Phantom: SAM Right; Type: QD000P40CD; Serial: TP:1644
- Measurement SW: DASY52, Version 52.6 (2); SEMCAD X Version 14.4.5 (3634)

Ch128/Area Scan (51x81x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.425 mW/g

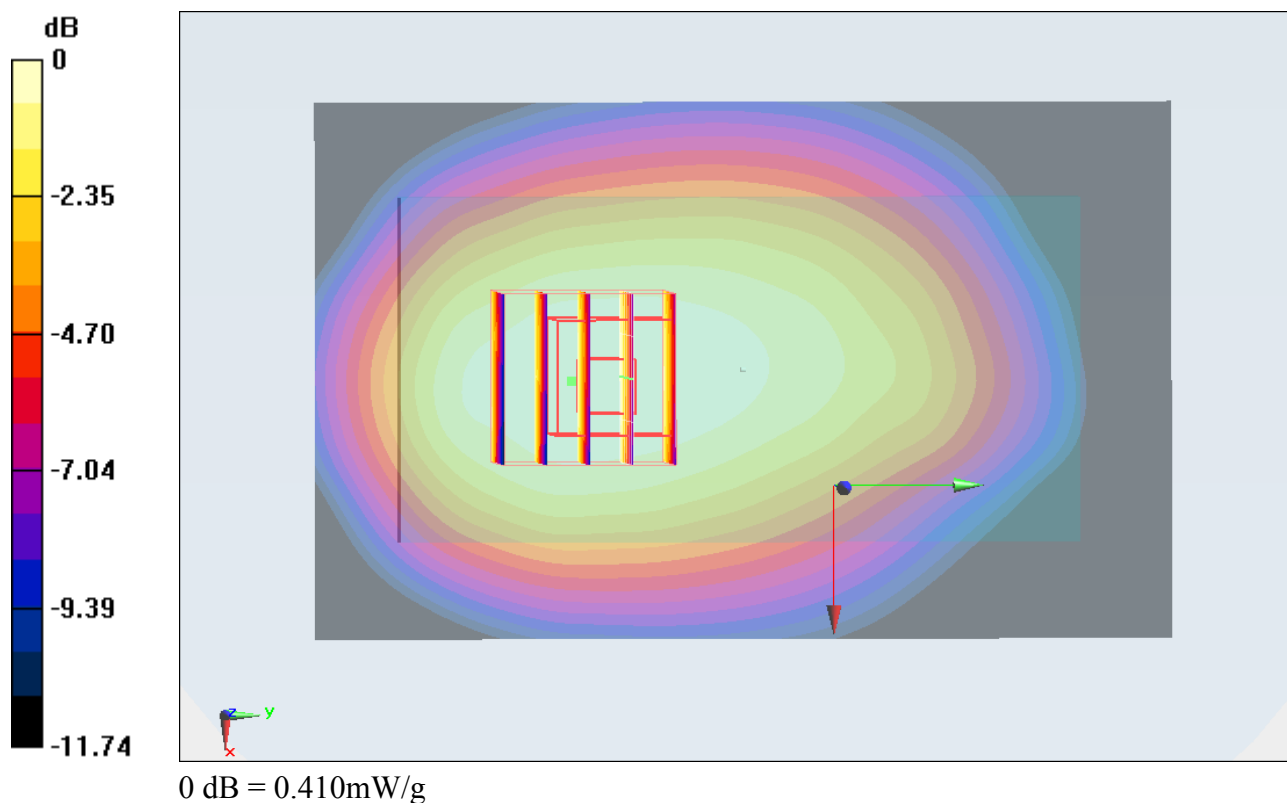
Ch128/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 19.485 V/m; Power Drift = -0.12 dB

Peak SAR (extrapolated) = 0.533 W/kg

SAR(1 g) = 0.395 mW/g; SAR(10 g) = 0.292 mW/g

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



#27 GSM850_GPRS10_Front_1cm_Ch128_Earphone**DUT: 190323**

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

Medium: MSL_850_110928 Medium parameters used : $f = 824.2$ MHz; $\sigma = 0.954$ mho/m; $\epsilon_r =$ 54.652; $\rho = 1000$ kg/m³

Ambient Temperature : 22.6 °C ; Liquid Temperature : 21.4 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(9.02, 9.02, 9.02); Calibrated: 2011/6/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2011/6/17
- Phantom: SAM Right; Type: QD000P40CD; Serial: TP:1644
- Measurement SW: DASY52, Version 52.6 (2); SEMCAD X Version 14.4.5 (3634)

Ch128/Area Scan (51x81x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.440 mW/g

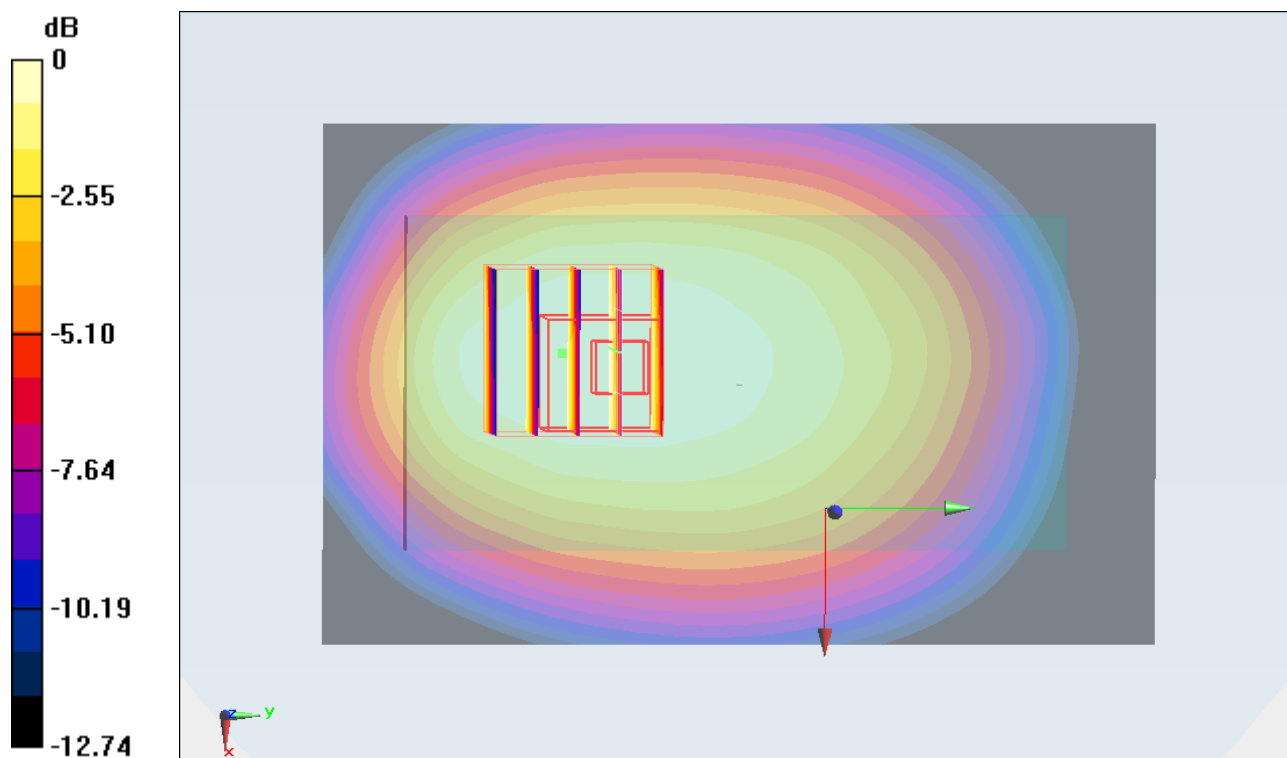
Ch128/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 18.175 V/m; Power Drift = 0.068 dB

Peak SAR (extrapolated) = 0.579 W/kg

SAR(1 g) = 0.407 mW/g; SAR(10 g) = 0.297 mW/g

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



0 dB = 0.430mW/g

#01 GSM1900_DTM5_Front_1cm_Ch661

DUT: 190323

Communication System: DTM 5; Frequency: 1880 MHz; Duty Cycle: 1:4

Medium: MSL_1900_110927 Medium parameters used: $f = 1880 \text{ MHz}$; $\sigma = 1.512 \text{ mho/m}$; $\epsilon_r =$

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

Ambient Temperature : $22.3 \text{ }^\circ\text{C}$; Liquid Temperature : $21.3 \text{ }^\circ\text{C}$

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(7.17, 7.17, 7.17); Calibrated: 2011/6/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2011/6/17
- Phantom: SAM Right; Type: QD000P40CD; Serial: TP:1644
- Measurement SW: DASY52, Version 52.6 (2); SEMCAD X Version 14.4.5 (3634)

Ch661/Area Scan (51x81x1): Measurement grid: $dx=20\text{mm}$, $dy=20\text{mm}$

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

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

Reference Value = 9.797 V/m ; Power Drift = -0.022 dB

Peak SAR (extrapolated) = 1.252 W/kg

SAR(1 g) = 0.804 mW/g ; SAR(10 g) = 0.494 mW/g

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

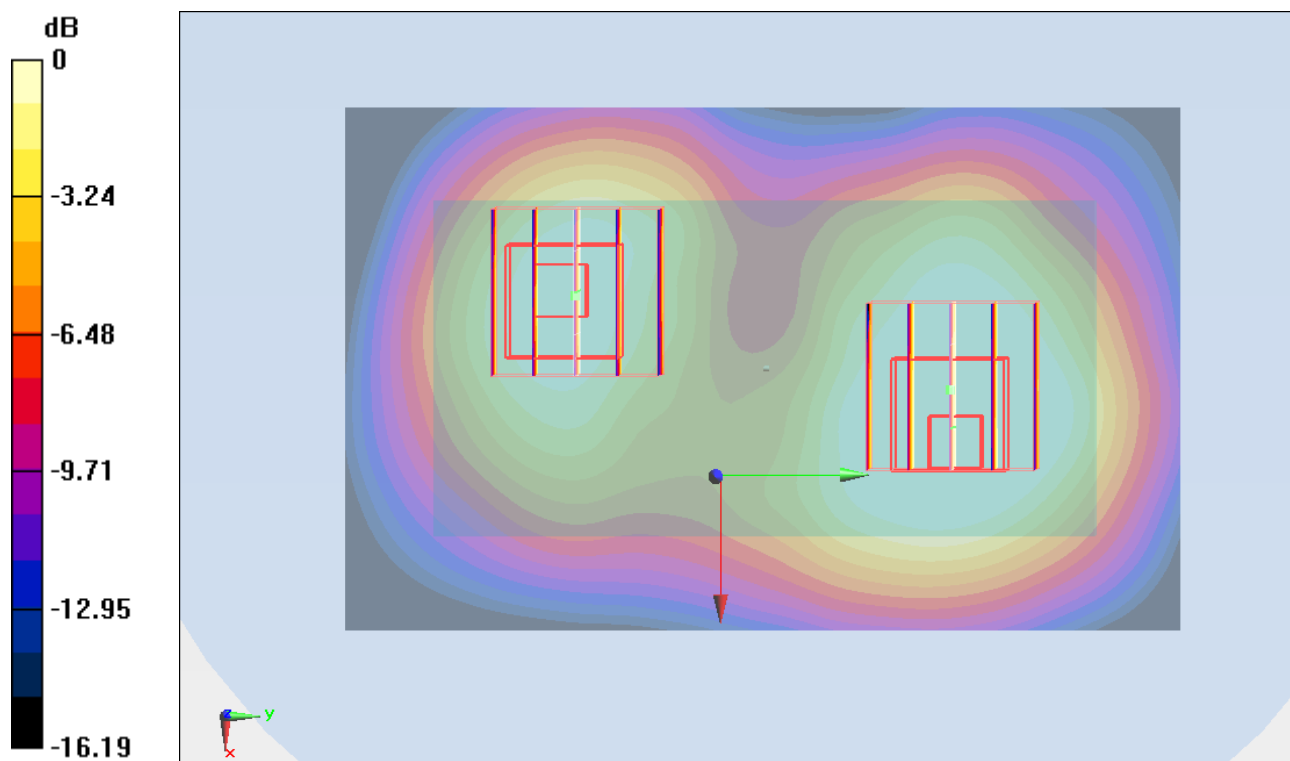
Ch661/Zoom Scan (5x5x7)/Cube 1: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 9.797 V/m ; Power Drift = -0.022 dB

Peak SAR (extrapolated) = 0.866 W/kg

SAR(1 g) = 0.562 mW/g ; SAR(10 g) = 0.344 mW/g

Maximum value of SAR (measured) = 0.598 mW/g



#04 GSM1900_DTM5_Back_1cm_Ch661**DUT: 190323**

Communication System: DTM 5; Frequency: 1880 MHz; Duty Cycle: 1:4

Medium: MSL_1900_110927 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.512$ mho/m; $\epsilon_r =$

52.485; $\rho = 1000$ kg/m³

Ambient Temperature : 22.3 °C ; Liquid Temperature : 21.3 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(7.17, 7.17, 7.17); Calibrated: 2011/6/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2011/6/17
- Phantom: SAM Right; Type: QD000P40CD; Serial: TP:1644
- Measurement SW: DASY52, Version 52.6 (2); SEMCAD X Version 14.4.5 (3634)

Ch661/Area Scan (51x81x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 1.360 mW/g

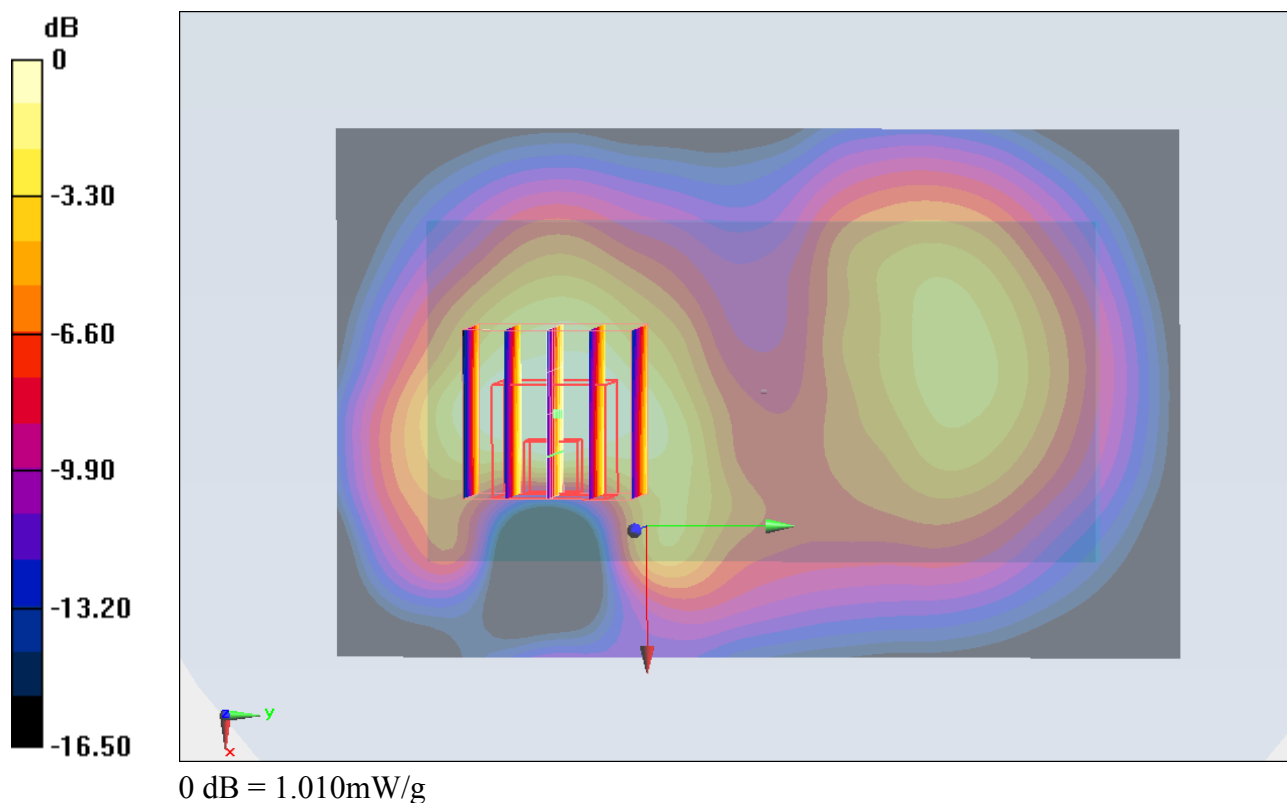
Ch661/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 9.672 V/m; Power Drift = 0.13 dB

Peak SAR (extrapolated) = 1.516 W/kg

SAR(1 g) = 0.961 mW/g; SAR(10 g) = 0.576 mW/g

Maximum value of SAR (measured) = 1.013 mW/g



#07 GSM1900_DTM5_Left Side_1cm_Ch661

DUT: 190323

Communication System: DTM 5; Frequency: 1880 MHz; Duty Cycle: 1:4

Medium: MSL_1900_110927 Medium parameters used: $f = 1880 \text{ MHz}$; $\sigma = 1.512 \text{ mho/m}$; $\epsilon_r =$

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

Ambient Temperature : $22.3 \text{ }^\circ\text{C}$; Liquid Temperature : $21.3 \text{ }^\circ\text{C}$

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(7.17, 7.17, 7.17); Calibrated: 2011/6/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2011/6/17
- Phantom: SAM Right; Type: QD000P40CD; Serial: TP:1644
- Measurement SW: DASY52, Version 52.6 (2); SEMCAD X Version 14.4.5 (3634)

Ch661/Area Scan (31x81x1): Measurement grid: $dx=20\text{mm}$, $dy=20\text{mm}$

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

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

Reference Value = 14.672 V/m ; Power Drift = -0.044 dB

Peak SAR (extrapolated) = 0.681 W/kg

SAR(1 g) = 0.407 mW/g ; SAR(10 g) = 0.233 mW/g

Maximum value of SAR (measured) = 0.437 mW/g

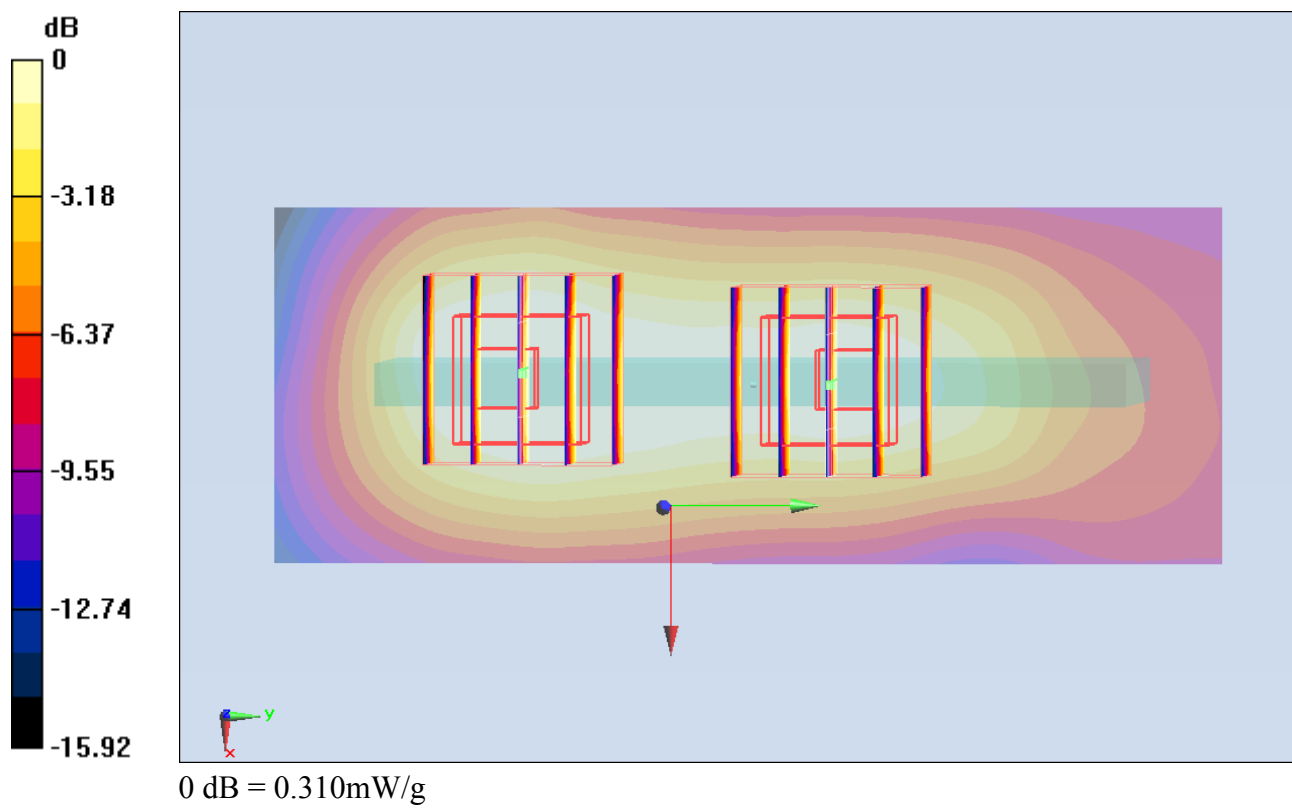
Ch661/Zoom Scan (5x5x7)/Cube 1: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 14.672 V/m ; Power Drift = -0.044 dB

Peak SAR (extrapolated) = 0.460 W/kg

SAR(1 g) = 0.283 mW/g ; SAR(10 g) = 0.169 mW/g

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



#08 GSM1900_DTM5_Right Side_1cm_Ch661

DUT: 190323

Communication System: DTM 5; Frequency: 1880 MHz; Duty Cycle: 1:4

Medium: MSL_1900_110927 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.512$ mho/m; $\epsilon_r =$

52.485; $\rho = 1000$ kg/m³

Ambient Temperature : 22.3 °C ; Liquid Temperature : 21.3 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(7.17, 7.17, 7.17); Calibrated: 2011/6/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2011/6/17
- Phantom: SAM Right; Type: QD000P40CD; Serial: TP:1644
- Measurement SW: DASY52, Version 52.6 (2); SEMCAD X Version 14.4.5 (3634)

Ch661/Area Scan (31x81x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.240 mW/g

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

Reference Value = 5.312 V/m; Power Drift = 0.067 dB

Peak SAR (extrapolated) = 0.304 W/kg

SAR(1 g) = 0.183 mW/g; SAR(10 g) = 0.107 mW/g

Maximum value of SAR (measured) = 0.199 mW/g

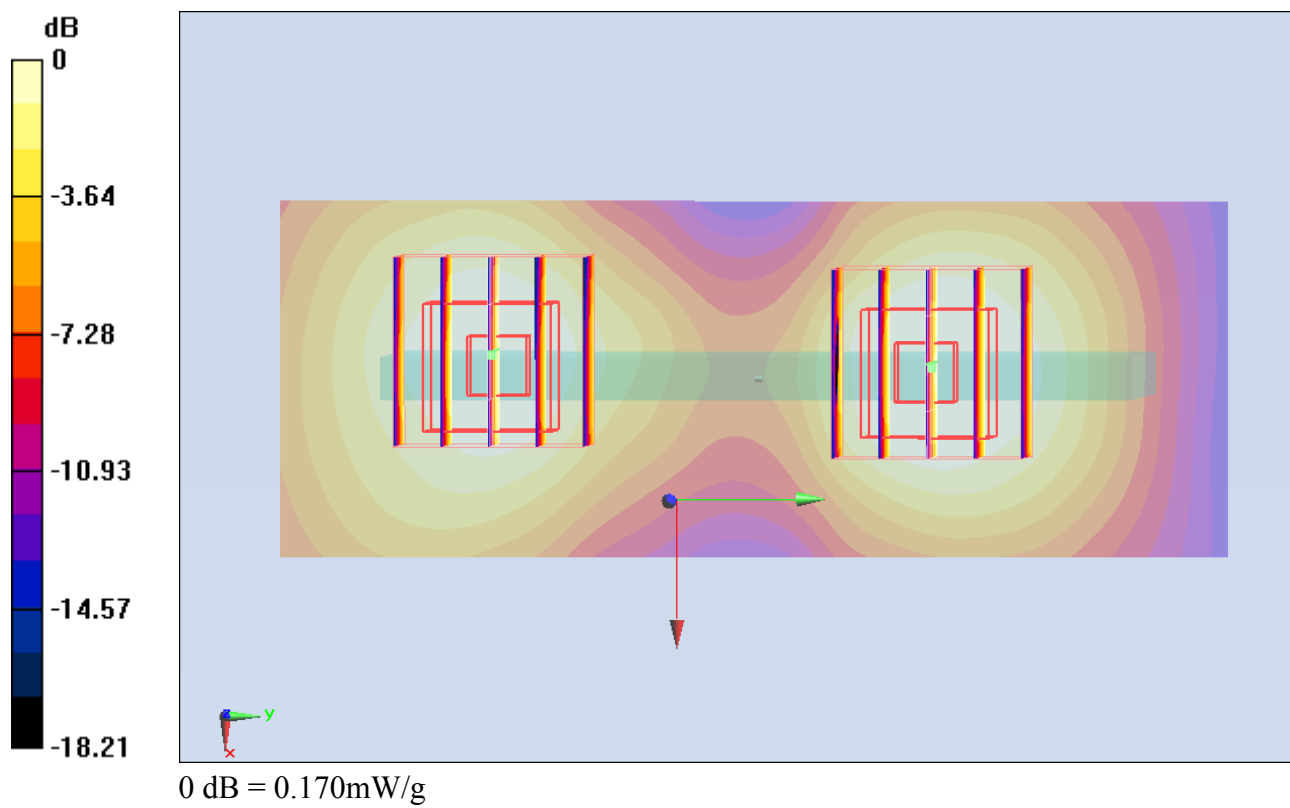
Ch661/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 5.312 V/m; Power Drift = 0.067 dB

Peak SAR (extrapolated) = 0.256 W/kg

SAR(1 g) = 0.159 mW/g; SAR(10 g) = 0.094 mW/g

Maximum value of SAR (measured) = 0.170 mW/g



#09 GSM1900_DTM5_Top Side_1cm_Ch661**DUT: 190323**

Communication System: DTM 5; Frequency: 1880 MHz; Duty Cycle: 1:4

Medium: MSL_1900_110927 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.512$ mho/m; $\epsilon_r =$

52.485; $\rho = 1000$ kg/m³

Ambient Temperature : 22.3 °C ; Liquid Temperature : 21.3 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(7.17, 7.17, 7.17); Calibrated: 2011/6/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2011/6/17
- Phantom: SAM Right; Type: QD000P40CD; Serial: TP:1644
- Measurement SW: DASY52, Version 52.6 (2); SEMCAD X Version 14.4.5 (3634)

Ch661/Area Scan (31x51x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.091 mW/g

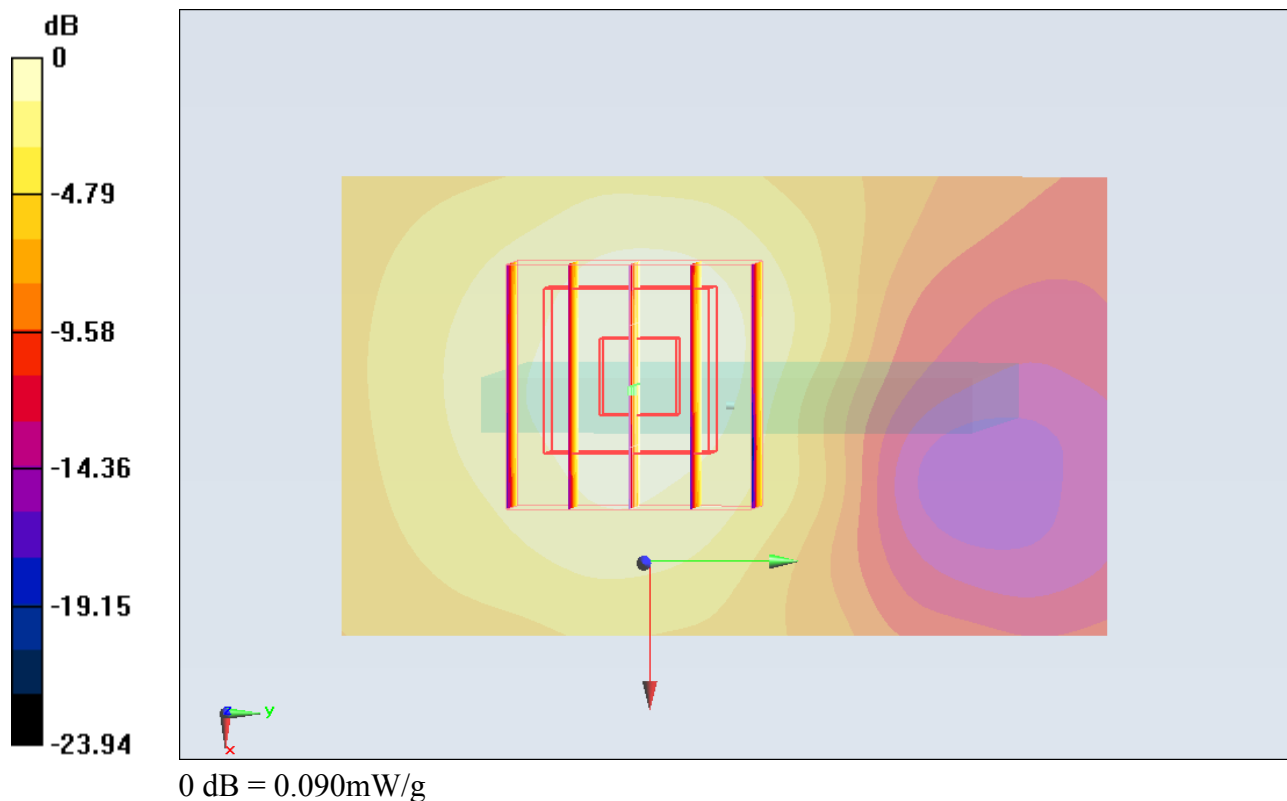
Ch661/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 6.836 V/m; Power Drift = 0.09 dB

Peak SAR (extrapolated) = 0.136 W/kg

SAR(1 g) = 0.084 mW/g; SAR(10 g) = 0.050 mW/g

Maximum value of SAR (measured) = 0.093 mW/g



#10 GSM1900_DTM5_Bottom Side_1cm_Ch661**DUT: 190323**

Communication System: DTM 5; Frequency: 1880 MHz; Duty Cycle: 1:4

Medium: MSL_1900_110927 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.512$ mho/m; $\epsilon_r =$

52.485; $\rho = 1000$ kg/m³

Ambient Temperature : 22.3 °C ; Liquid Temperature : 21.3 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(7.17, 7.17, 7.17); Calibrated: 2011/6/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2011/6/17
- Phantom: SAM Right; Type: QD000P40CD; Serial: TP:1644
- Measurement SW: DASY52, Version 52.6 (2); SEMCAD X Version 14.4.5 (3634)

Ch661/Area Scan (31x51x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.172 mW/g

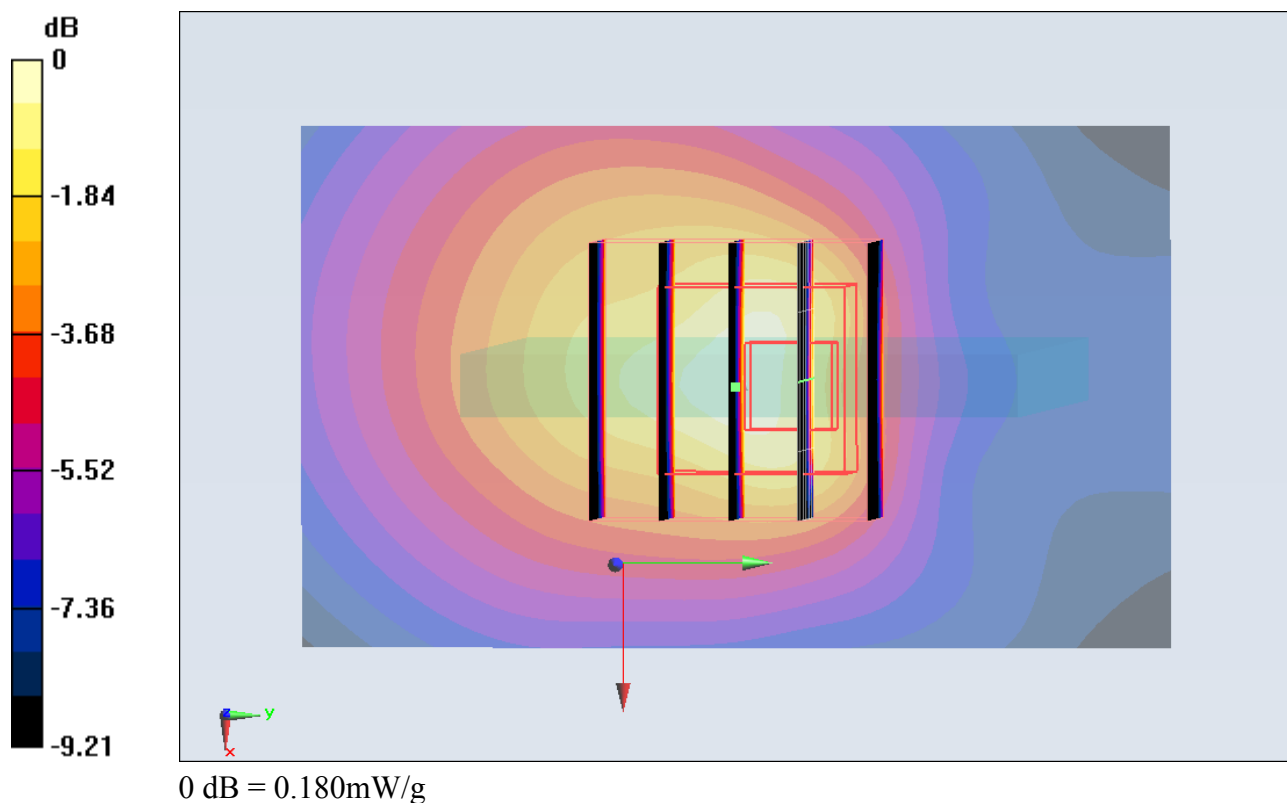
Ch661/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 10.491 V/m; Power Drift = -0.021 dB

Peak SAR (extrapolated) = 0.385 W/kg

SAR(1 g) = 0.162 mW/g; SAR(10 g) = 0.088 mW/g

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



#01 GSM1900_DTM5_Front_1cm_Ch661

DUT: 190323

Communication System: DTM 5; Frequency: 1880 MHz; Duty Cycle: 1:4

Medium: MSL_1900_110927 Medium parameters used: $f = 1880 \text{ MHz}$; $\sigma = 1.512 \text{ mho/m}$; $\epsilon_r =$

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

Ambient Temperature : $22.3 \text{ }^\circ\text{C}$; Liquid Temperature : $21.3 \text{ }^\circ\text{C}$

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(7.17, 7.17, 7.17); Calibrated: 2011/6/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2011/6/17
- Phantom: SAM Right; Type: QD000P40CD; Serial: TP:1644
- Measurement SW: DASY52, Version 52.6 (2); SEMCAD X Version 14.4.5 (3634)

Ch661/Area Scan (51x81x1): Measurement grid: $dx=20\text{mm}$, $dy=20\text{mm}$

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

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

Reference Value = 9.797 V/m ; Power Drift = -0.022 dB

Peak SAR (extrapolated) = 1.252 W/kg

SAR(1 g) = 0.804 mW/g ; SAR(10 g) = 0.494 mW/g

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

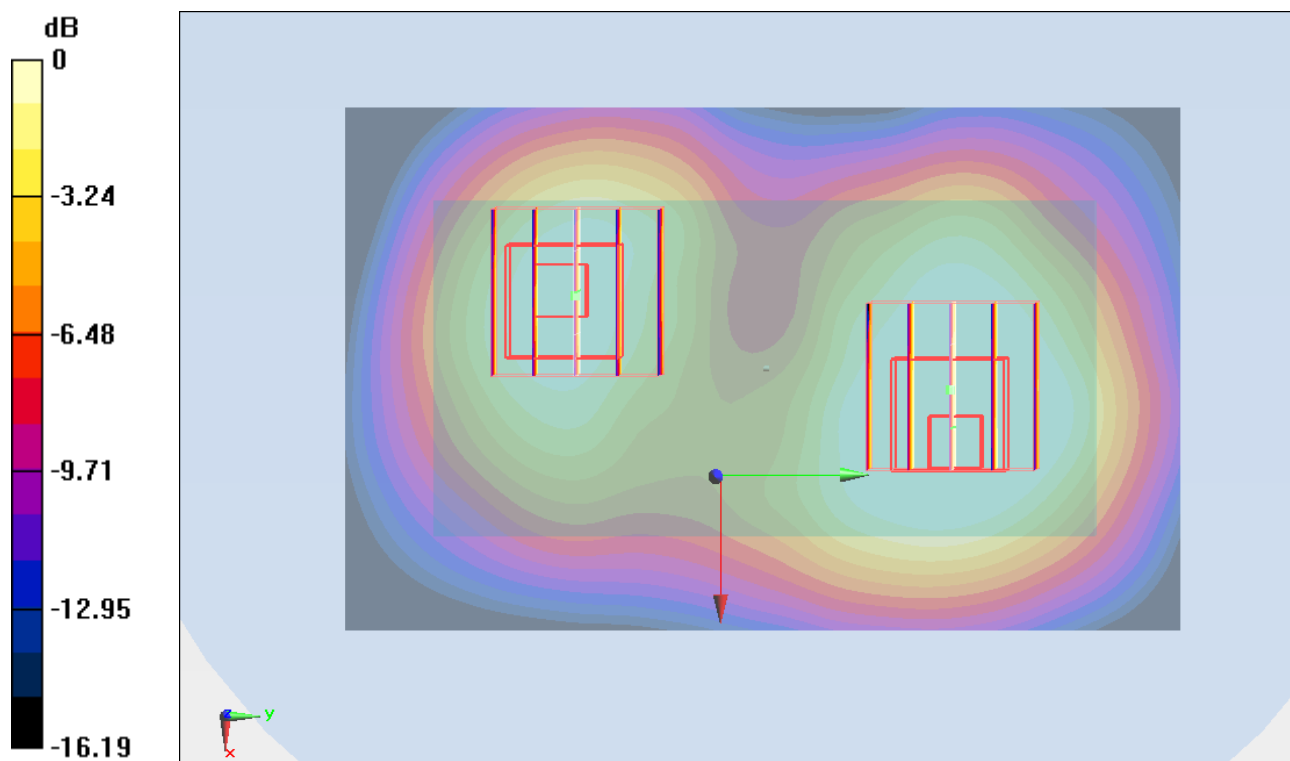
Ch661/Zoom Scan (5x5x7)/Cube 1: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 9.797 V/m ; Power Drift = -0.022 dB

Peak SAR (extrapolated) = 0.866 W/kg

SAR(1 g) = 0.562 mW/g ; SAR(10 g) = 0.344 mW/g

Maximum value of SAR (measured) = 0.598 mW/g



#04 GSM1900_DTM5_Back_1cm_Ch661**DUT: 190323**

Communication System: DTM 5; Frequency: 1880 MHz; Duty Cycle: 1:4

Medium: MSL_1900_110927 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.512$ mho/m; $\epsilon_r =$

52.485; $\rho = 1000$ kg/m³

Ambient Temperature : 22.3 °C ; Liquid Temperature : 21.3 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(7.17, 7.17, 7.17); Calibrated: 2011/6/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2011/6/17
- Phantom: SAM Right; Type: QD000P40CD; Serial: TP:1644
- Measurement SW: DASY52, Version 52.6 (2); SEMCAD X Version 14.4.5 (3634)

Ch661/Area Scan (51x81x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 1.360 mW/g

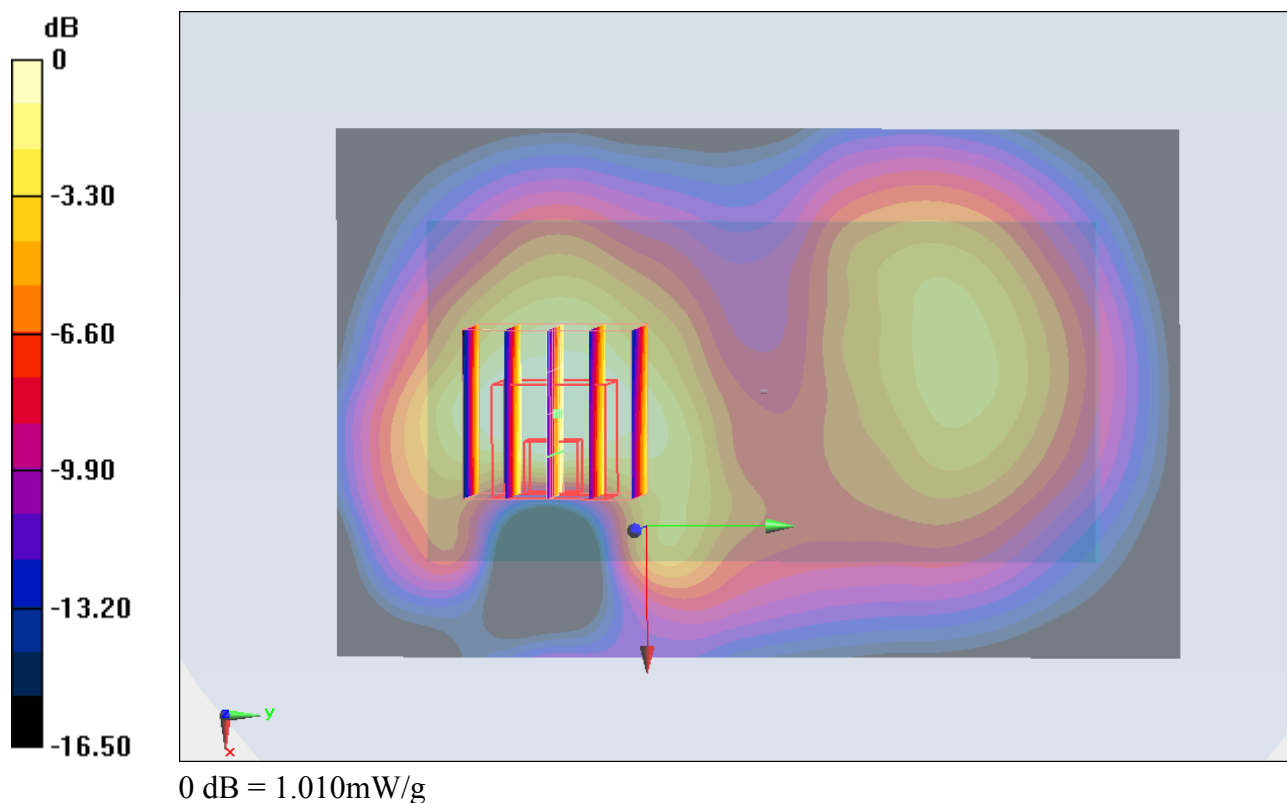
Ch661/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 9.672 V/m; Power Drift = 0.13 dB

Peak SAR (extrapolated) = 1.516 W/kg

SAR(1 g) = 0.961 mW/g; SAR(10 g) = 0.576 mW/g

Maximum value of SAR (measured) = 1.013 mW/g



#02 GSM1900_DTM5_Front_1cm_Ch512

DUT: 190323

Communication System: DTM 5; Frequency: 1850.2 MHz; Duty Cycle: 1:4

Medium: MSL_1900_110927 Medium parameters used : $f = 1850.2$ MHz; $\sigma = 1.48$ mho/m; $\epsilon_r =$

52.61; $\rho = 1000$ kg/m³

Ambient Temperature : 22.3 °C ; Liquid Temperature : 21.3 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(7.17, 7.17, 7.17); Calibrated: 2011/6/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2011/6/17
- Phantom: SAM Right; Type: QD000P40CD; Serial: TP:1644
- Measurement SW: DASY52, Version 52.6 (2); SEMCAD X Version 14.4.5 (3634)

Ch512/Area Scan (51x81x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.817 mW/g

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

Reference Value = 8.919 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 1.142 W/kg

SAR(1 g) = 0.734 mW/g; SAR(10 g) = 0.451 mW/g

Maximum value of SAR (measured) = 0.792 mW/g

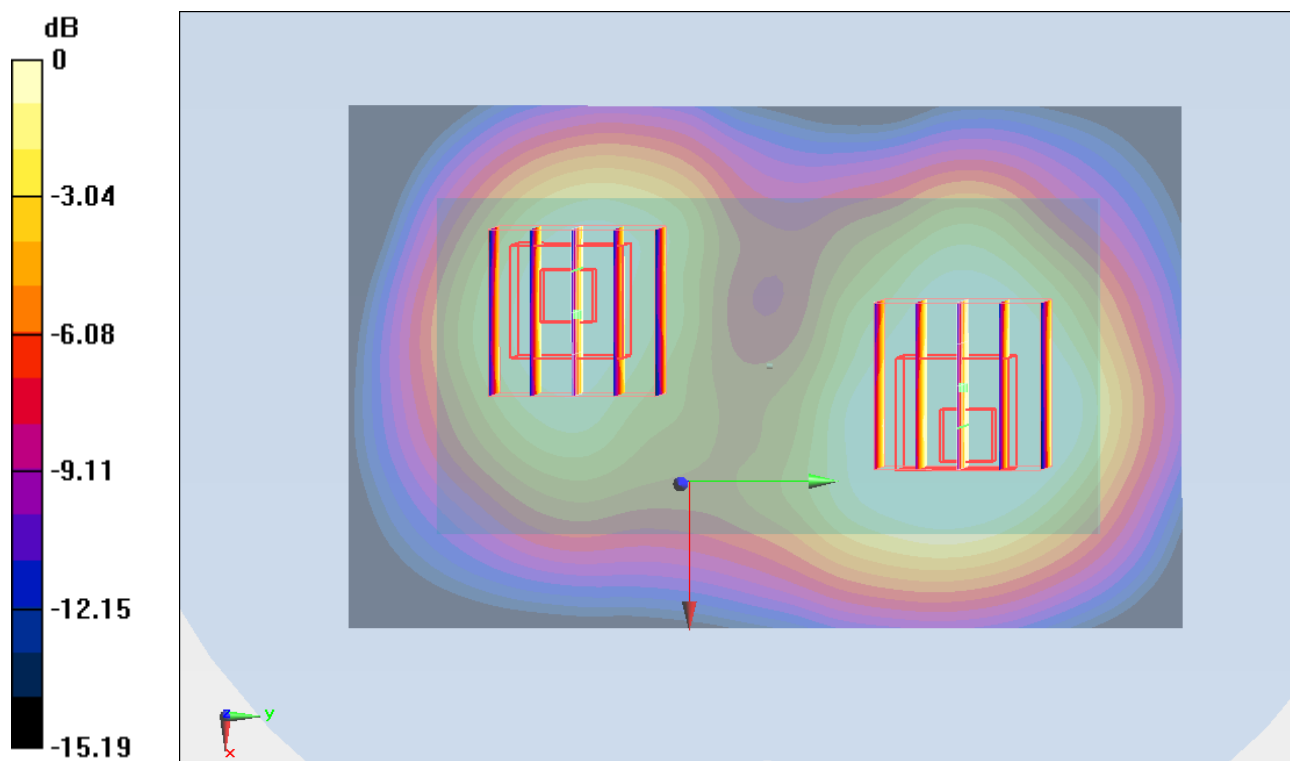
Ch512/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 8.919 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 0.754 W/kg

SAR(1 g) = 0.490 mW/g; SAR(10 g) = 0.305 mW/g

Maximum value of SAR (measured) = 0.511 mW/g



0 dB = 0.510mW/g

#03 GSM1900_DTM5_Front_1cm_Ch810

DUT: 190323

Communication System: DTM 5; Frequency: 1909.8 MHz; Duty Cycle: 1:4

Medium: MSL_1900_110927 Medium parameters used: $f = 1910$ MHz; $\sigma = 1.547$ mho/m; $\epsilon_r =$

52.424; $\rho = 1000$ kg/m³

Ambient Temperature : 22.3 °C ; Liquid Temperature : 21.3 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(7.17, 7.17, 7.17); Calibrated: 2011/6/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2011/6/17
- Phantom: SAM Right; Type: QD000P40CD; Serial: TP:1644
- Measurement SW: DASY52, Version 52.6 (2); SEMCAD X Version 14.4.5 (3634)

Ch810/Area Scan (51x81x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.886 mW/g

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

Reference Value = 9.532 V/m; Power Drift = 0.048 dB

Peak SAR (extrapolated) = 1.232 W/kg

SAR(1 g) = 0.800 mW/g; SAR(10 g) = 0.496 mW/g

Maximum value of SAR (measured) = 0.870 mW/g

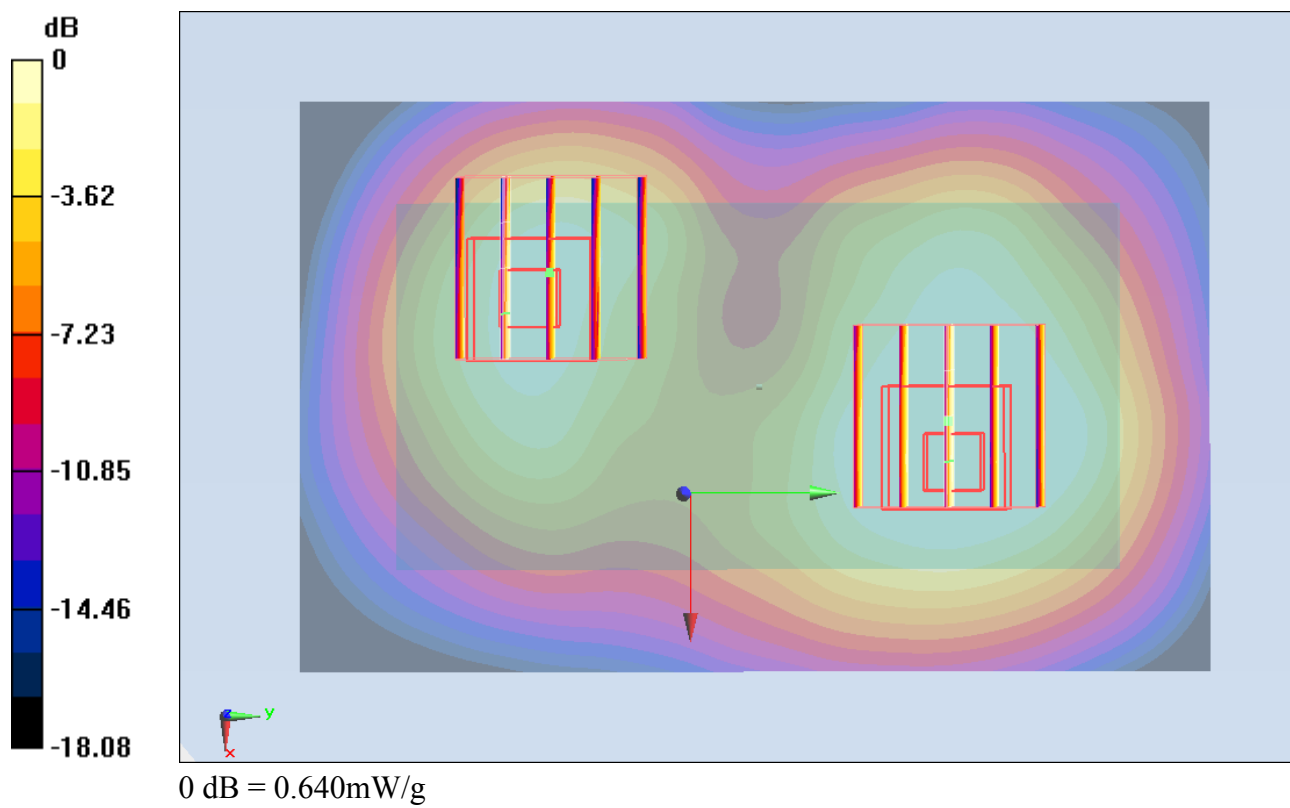
Ch810/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 9.532 V/m; Power Drift = 0.048 dB

Peak SAR (extrapolated) = 0.919 W/kg

SAR(1 g) = 0.607 mW/g; SAR(10 g) = 0.362 mW/g

Maximum value of SAR (measured) = 0.643 mW/g



#05 GSM1900_DTM5_Back_1cm_Ch512**DUT: 190323**

Communication System: DTM 5; Frequency: 1850.2 MHz; Duty Cycle: 1:4.00037

Medium: MSL_1900_110927 Medium parameters used : $f = 1850.2$ MHz; $\sigma = 1.48$ mho/m; $\epsilon_r =$

52.61; $\rho = 1000$ kg/m³

Ambient Temperature : 22.3 °C; Liquid Temperature : 21.3 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(7.17, 7.17, 7.17); Calibrated: 2011/6/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2011/6/17
- Phantom: SAM Right; Type: QD000P40CD; Serial: TP:1644
- Measurement SW: DASY52, Version 52.6 (2); SEMCAD X Version 14.4.5 (3634)

Ch512/Area Scan (51x81x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 1.094 mW/g

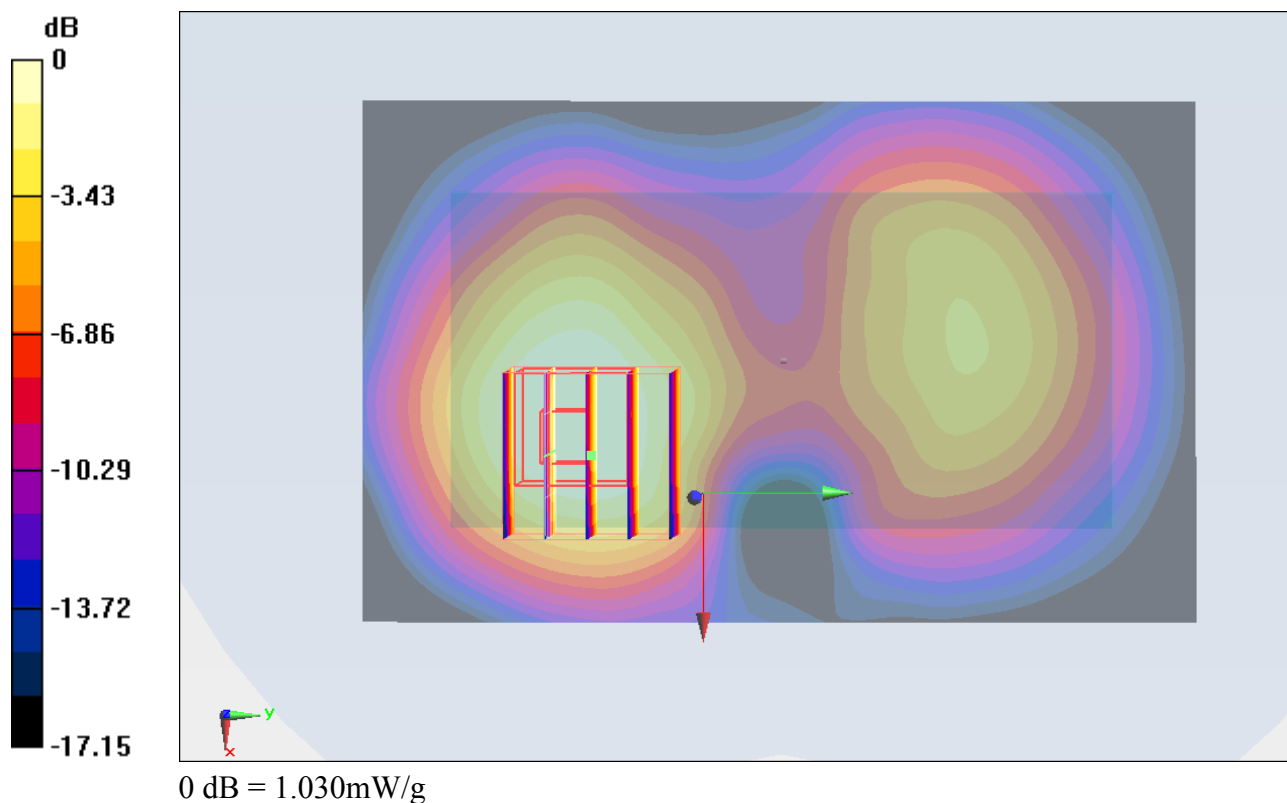
Ch512/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 9.302 V/m; Power Drift = 0.0091 dB

Peak SAR (extrapolated) = 1.509 W/kg

SAR(1 g) = 0.965 mW/g; SAR(10 g) = 0.591 mW/g

Maximum value of SAR (measured) = 1.033 mW/g



#06 GSM1900_DTM5_Back_1cm_Ch810**DUT: 190323**

Communication System: DTM 5; Frequency: 1909.8 MHz; Duty Cycle: 1:4

Medium: MSL_1900_110927 Medium parameters used: $f = 1910$ MHz; $\sigma = 1.547$ mho/m; $\epsilon_r =$

52.424; $\rho = 1000$ kg/m³

Ambient Temperature : 22.3 °C ; Liquid Temperature : 21.3 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(7.17, 7.17, 7.17); Calibrated: 2011/6/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2011/6/17
- Phantom: SAM Right; Type: QD000P40CD; Serial: TP:1644
- Measurement SW: DASY52, Version 52.6 (2); SEMCAD X Version 14.4.5 (3634)

Ch810/Area Scan (51x81x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 1.037 mW/g

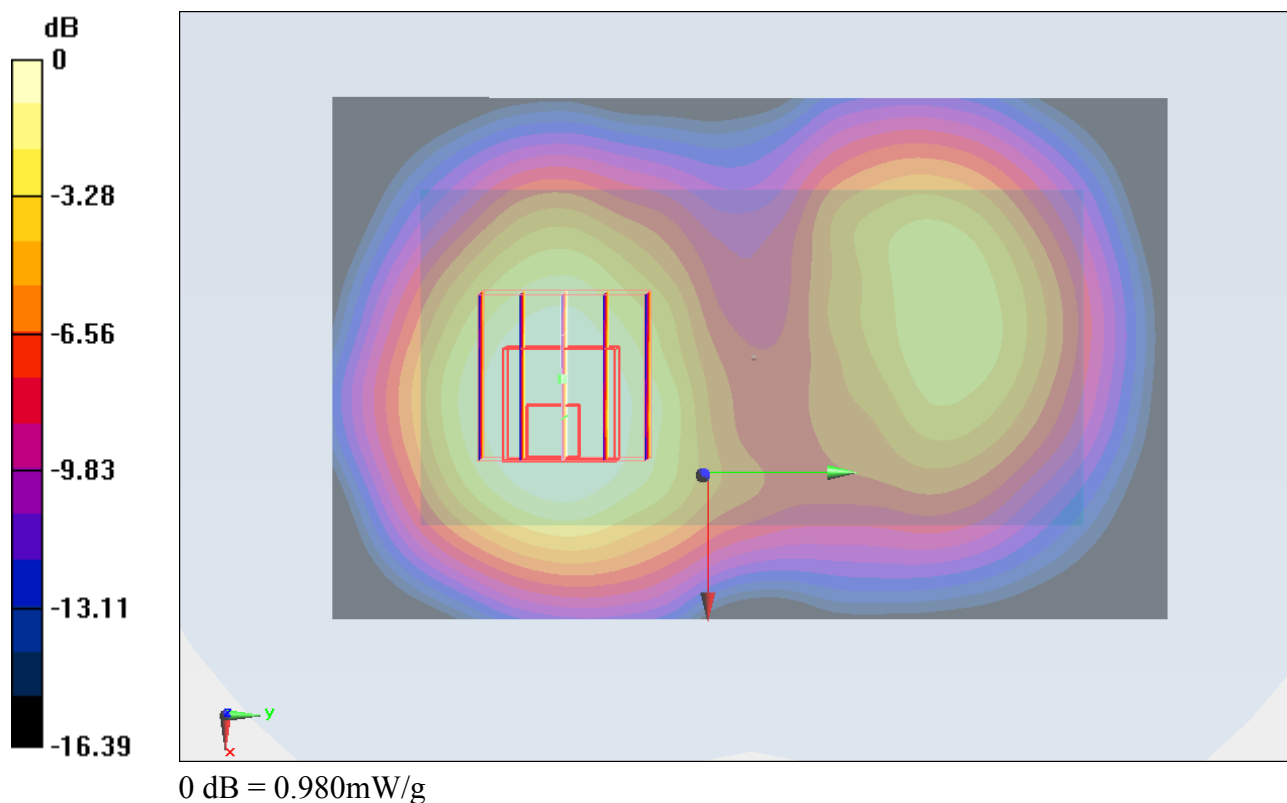
Ch810/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 10.067 V/m; Power Drift = 0.00065 dB

Peak SAR (extrapolated) = 1.478 W/kg

SAR(1 g) = 0.931 mW/g; SAR(10 g) = 0.564 mW/g

Maximum value of SAR (measured) = 0.977 mW/g



#11 GSM1900_DTM5_Back_1cm_Ch512_Earphone**DUT: 190323**

Communication System: DTM 5; Frequency: 1850.2 MHz; Duty Cycle: 1:4

Medium: MSL_1900_110927 Medium parameters used : $f = 1850.2$ MHz; $\sigma = 1.48$ mho/m; $\epsilon_r =$ 52.61; $\rho = 1000$ kg/m³

Ambient Temperature : 22.3 °C ; Liquid Temperature : 21.3 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(7.17, 7.17, 7.17); Calibrated: 2011/6/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2011/6/17
- Phantom: SAM Right; Type: QD000P40CD; Serial: TP:1644
- Measurement SW: DASY52, Version 52.6 (2); SEMCAD X Version 14.4.5 (3634)

Ch512/Area Scan (51x81x1): Measurement grid: dx=20mm, dy=20mm

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

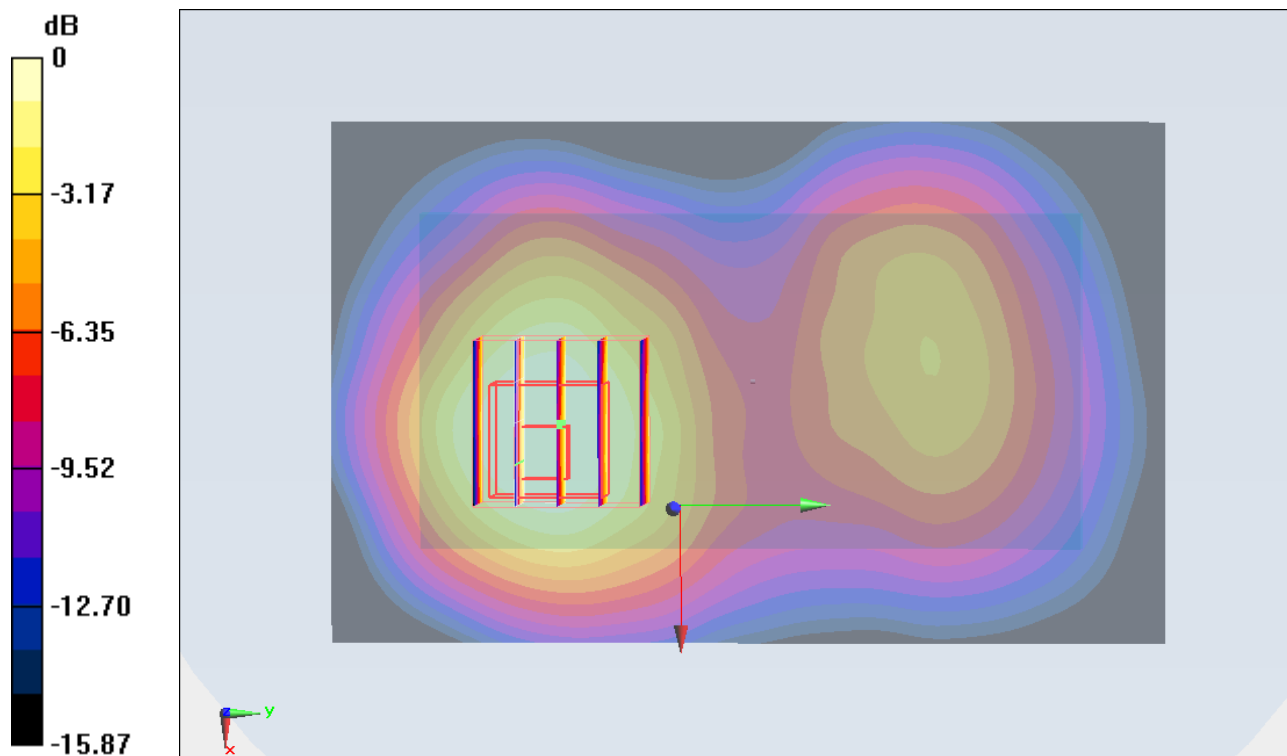
Ch512/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 10.753 V/m; Power Drift = -0.058 dB

Peak SAR (extrapolated) = 1.563 W/kg

SAR(1 g) = 0.978 mW/g; SAR(10 g) = 0.600 mW/g

Maximum value of SAR (measured) = 1.043 mW/g



#11 GSM1900_DTM5_Back_1cm_Ch512_Earphone_2D**DUT: 190323**

Communication System: DTM 5; Frequency: 1850.2 MHz; Duty Cycle: 1:4

Medium: MSL_1900_110927 Medium parameters used : $f = 1850.2$ MHz; $\sigma = 1.48$ mho/m; $\epsilon_r =$

52.61; $\rho = 1000$ kg/m³

Ambient Temperature : 22.3 °C ; Liquid Temperature : 21.3 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(7.17, 7.17, 7.17); Calibrated: 2011/6/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2011/6/17
- Phantom: SAM Right; Type: QD000P40CD; Serial: TP:1644
- Measurement SW: DASY52, Version 52.6 (2); SEMCAD X Version 14.4.5 (3634)

Ch512/Area Scan (51x81x1): Measurement grid: dx=20mm, dy=20mm

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

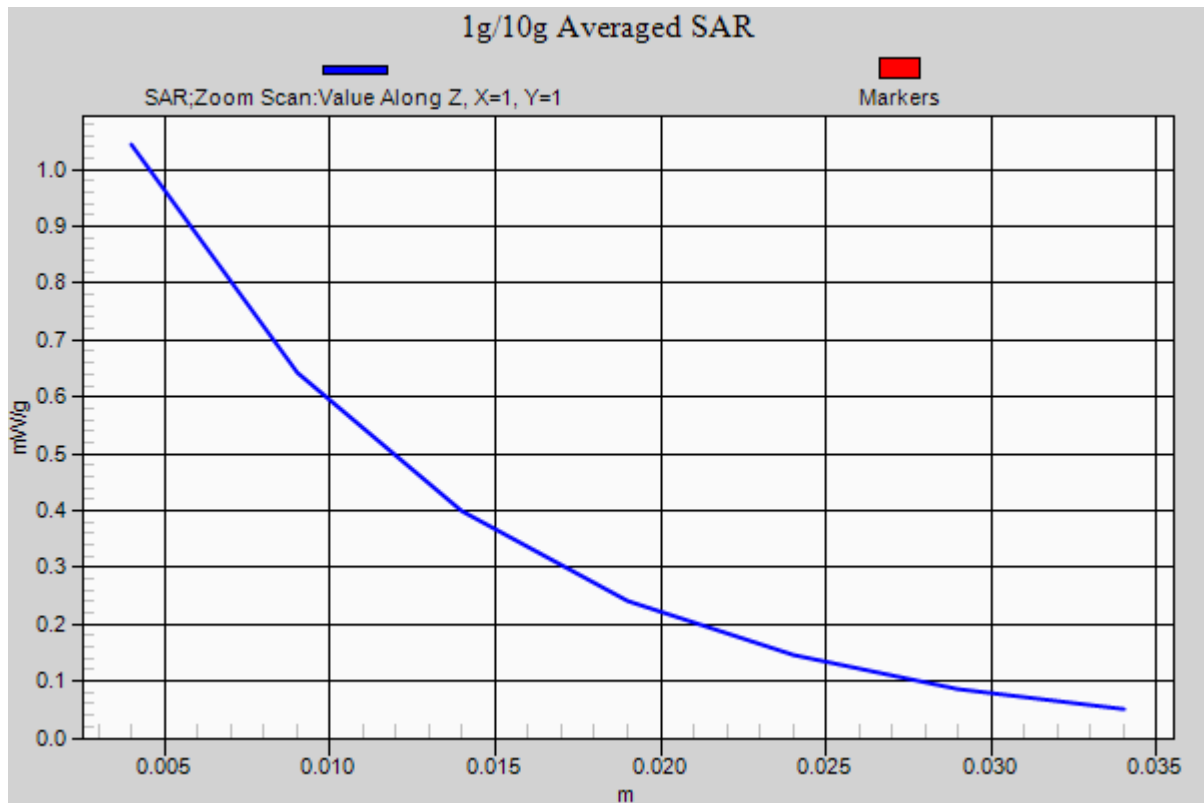
Ch512/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 10.753 V/m; Power Drift = -0.058 dB

Peak SAR (extrapolated) = 1.563 W/kg

SAR(1 g) = 0.978 mW/g; SAR(10 g) = 0.600 mW/g

Maximum value of SAR (measured) = 1.043 mW/g



#12 GSM1900_DTM5_Back_1cm_Ch661_Earphone**DUT: 190323**

Communication System: DTM 5; Frequency: 1880 MHz; Duty Cycle: 1:4

Medium: MSL_1900_110927 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.512$ mho/m; $\epsilon_r =$ 52.485; $\rho = 1000$ kg/m³

Ambient Temperature : 22.3 °C ; Liquid Temperature : 21.3 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(7.17, 7.17, 7.17); Calibrated: 2011/6/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2011/6/17
- Phantom: SAM Right; Type: QD000P40CD; Serial: TP:1644
- Measurement SW: DASY52, Version 52.6 (2); SEMCAD X Version 14.4.5 (3634)

Ch661/Area Scan (51x81x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 1.023 mW/g

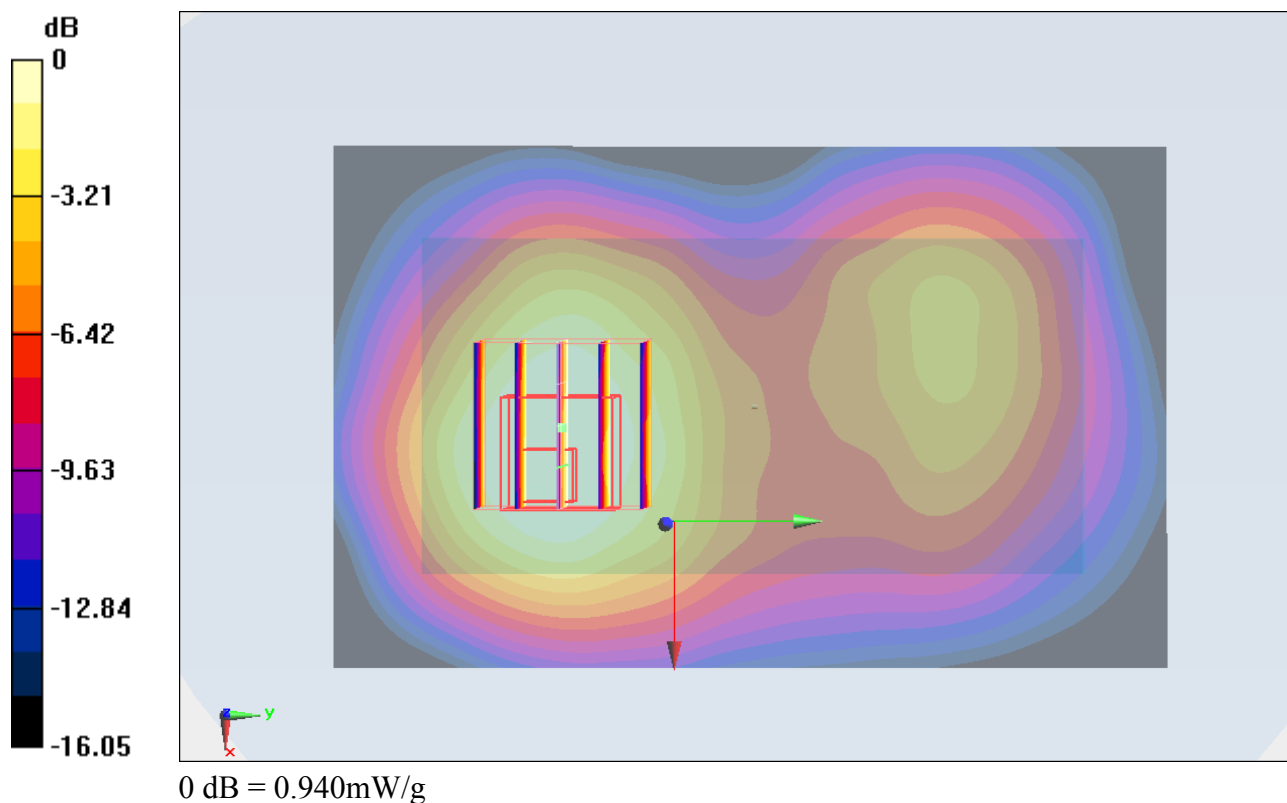
Ch661/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 12.056 V/m; Power Drift = -0.0022 dB

Peak SAR (extrapolated) = 1.381 W/kg

SAR(1 g) = 0.892 mW/g; SAR(10 g) = 0.555 mW/g

Maximum value of SAR (measured) = 0.944 mW/g



#13 GSM1900_DTM5_Back_1cm_Ch810_Earphone**DUT: 190323**

Communication System: DTM 5; Frequency: 1909.8 MHz; Duty Cycle: 1:4

Medium: MSL_1900_110927 Medium parameters used: $f = 1910$ MHz; $\sigma = 1.547$ mho/m; $\epsilon_r =$ 52.424; $\rho = 1000$ kg/m³

Ambient Temperature : 22.3 °C ; Liquid Temperature : 21.3 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(7.17, 7.17, 7.17); Calibrated: 2011/6/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2011/6/17
- Phantom: SAM Right; Type: QD000P40CD; Serial: TP:1644
- Measurement SW: DASY52, Version 52.6 (2); SEMCAD X Version 14.4.5 (3634)

Ch810/Area Scan (51x81x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.988 mW/g

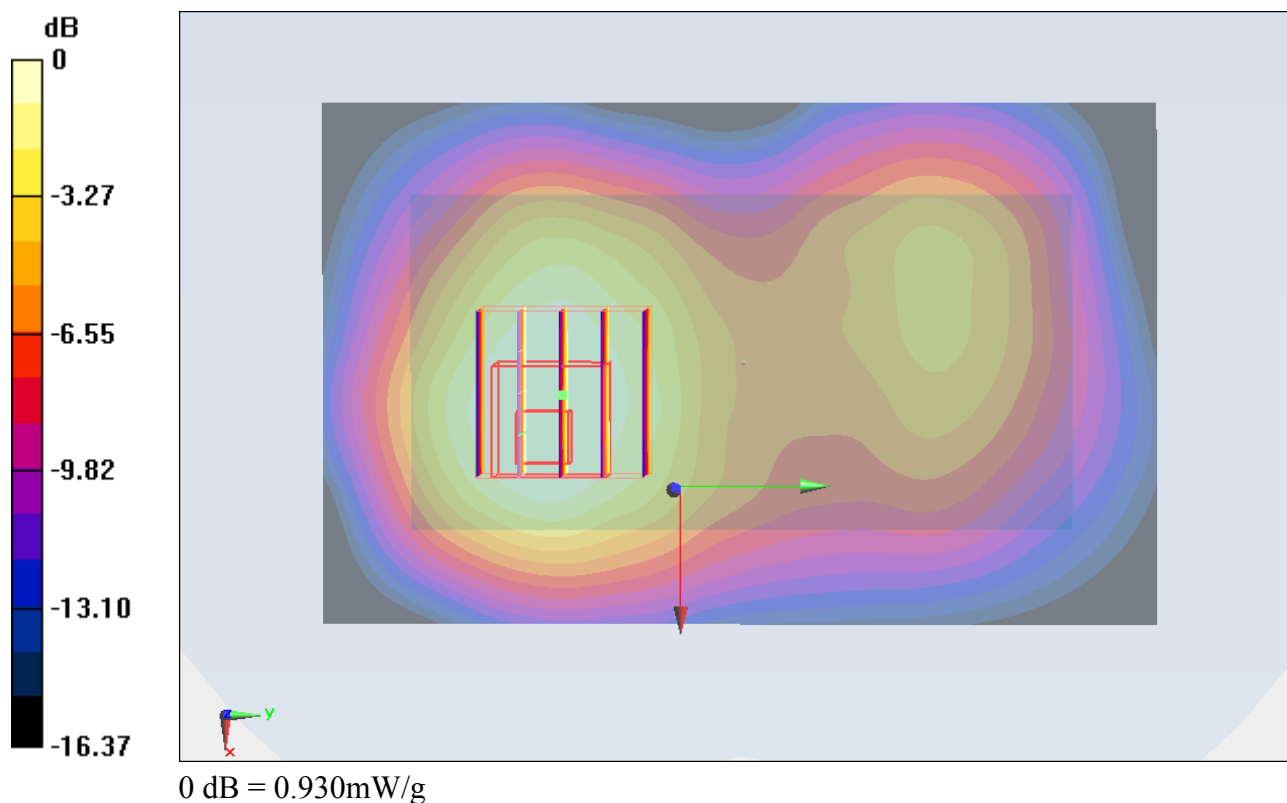
Ch810/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 12.693 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 1.379 W/kg

SAR(1 g) = 0.869 mW/g; SAR(10 g) = 0.533 mW/g

Maximum value of SAR (measured) = 0.930 mW/g



#14 WCDMA V_RMC12.2K_Front_1cm_Ch4233**DUT: 190323**

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

Medium: MSL_850_110927 Medium parameters used: $f = 847$ MHz; $\sigma = 0.967$ mho/m; $\epsilon_r = 52.566$;

$\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(9.02, 9.02, 9.02); Calibrated: 2011/6/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2011/6/17
- Phantom: SAM Left; Type: QD000P40CD; Serial: TP:1542
- Measurement SW: DASY52, Version 52.6 (2); SEMCAD X Version 14.4.5 (3634)

Ch4233/Area Scan (51x81x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.430 mW/g

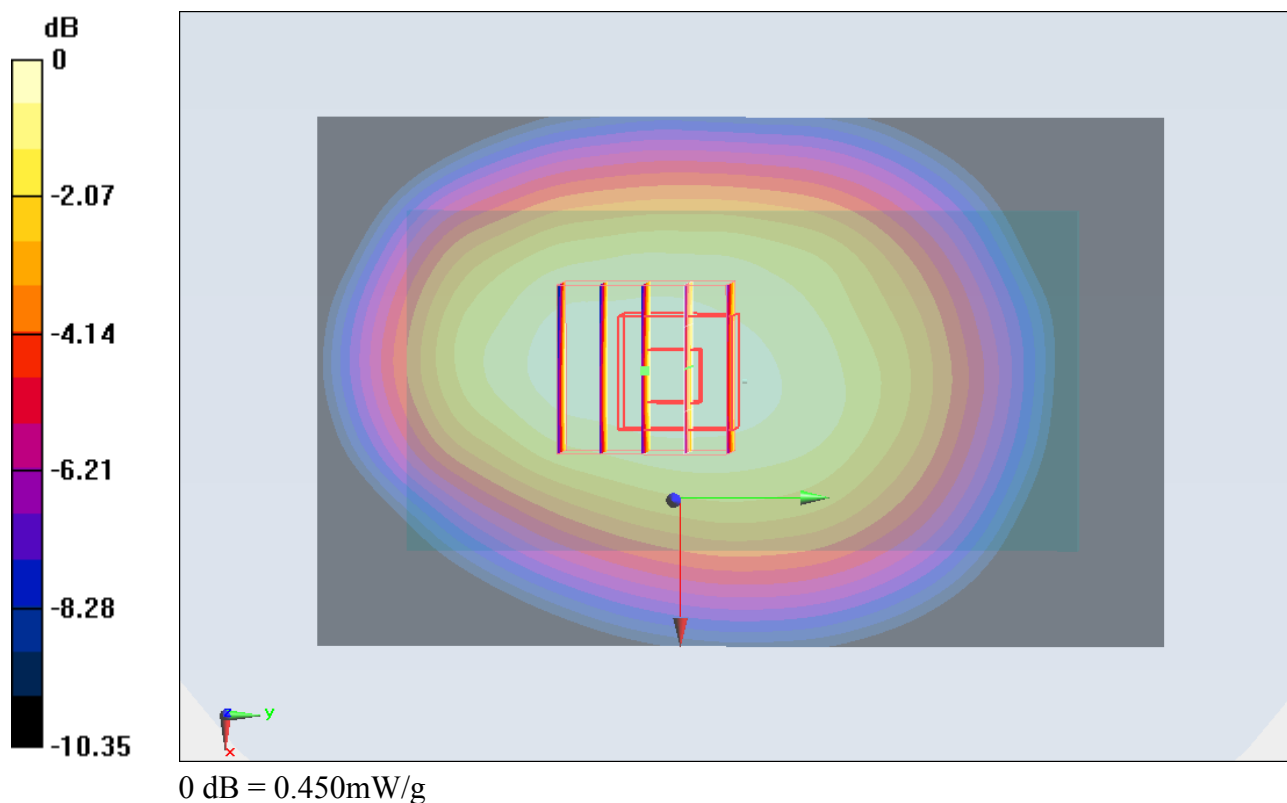
Ch4233/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 21.648 V/m; Power Drift = -0.020 dB

Peak SAR (extrapolated) = 0.550 W/kg

SAR(1 g) = 0.433 mW/g; SAR(10 g) = 0.329 mW/g

Maximum value of SAR (measured) = 0.454 mW/g



#15 WCDMA V_RMC12.2K_Back_1cm_Ch4233**DUT: 190323**

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

Medium: MSL_850_110927 Medium parameters used: $f = 847$ MHz; $\sigma = 0.967$ mho/m; $\epsilon_r = 52.566$;

$\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(9.02, 9.02, 9.02); Calibrated: 2011/6/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2011/6/17
- Phantom: SAM Left; Type: QD000P40CD; Serial: TP:1542
- Measurement SW: DASY52, Version 52.6 (2); SEMCAD X Version 14.4.5 (3634)

Ch4233/Area Scan (51x81x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.552 mW/g

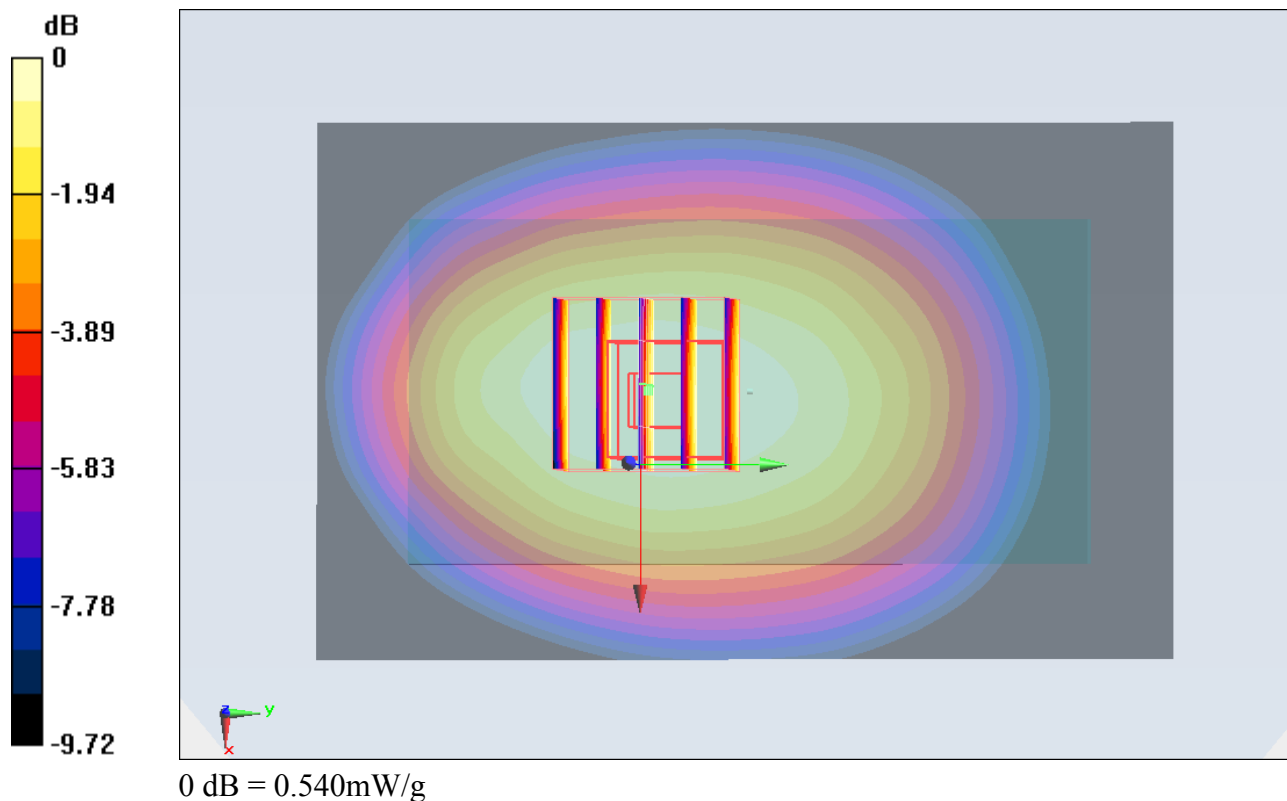
Ch4233/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 22.872 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.653 W/kg

SAR(1 g) = 0.514 mW/g; SAR(10 g) = 0.388 mW/g

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



#15 WCDMA V_RMC12.2K_Back_1cm_Ch4233_2D**DUT: 190323**

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

Medium: MSL_850_110927 Medium parameters used: $f = 847$ MHz; $\sigma = 0.967$ mho/m; $\epsilon_r = 52.566$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(9.02, 9.02, 9.02); Calibrated: 2011/6/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2011/6/17
- Phantom: SAM Left; Type: QD000P40CD; Serial: TP:1542
- Measurement SW: DASY52, Version 52.6 (2); SEMCAD X Version 14.4.5 (3634)

Ch4233/Area Scan (51x81x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.552 mW/g

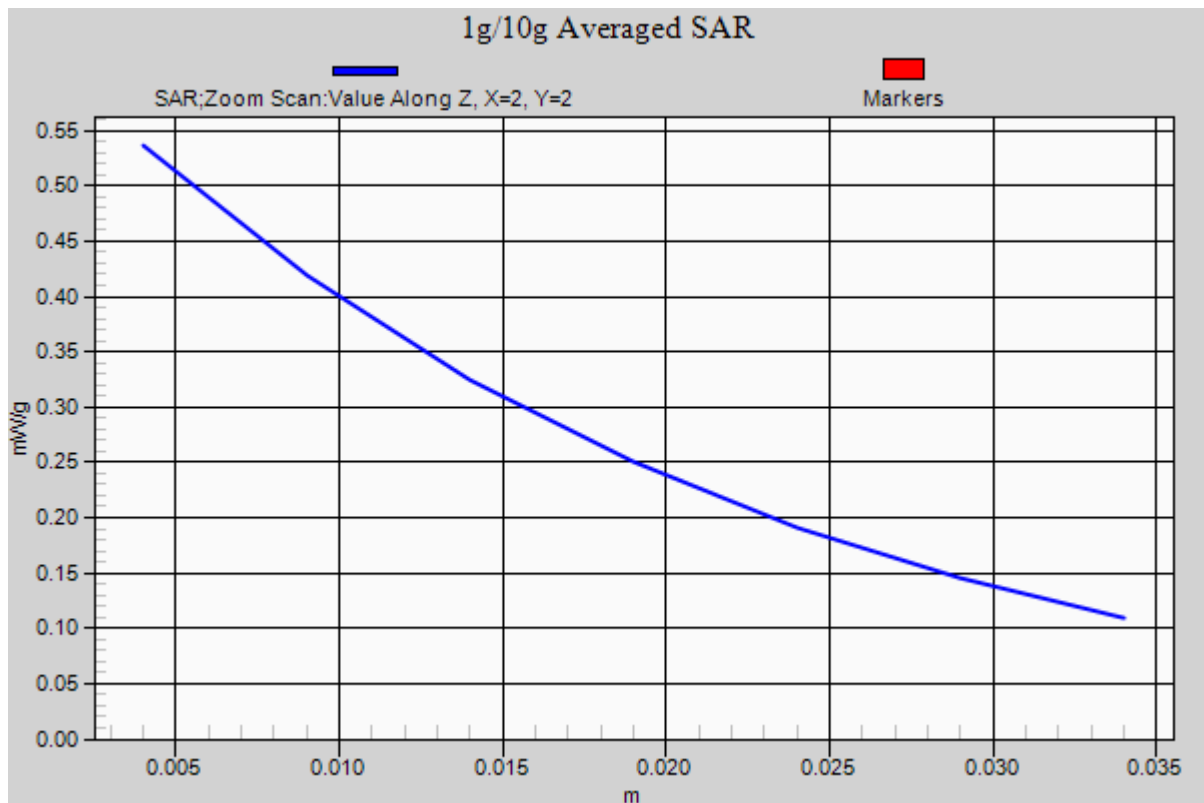
Ch4233/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 22.872 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.653 W/kg

SAR(1 g) = 0.514 mW/g; SAR(10 g) = 0.388 mW/g

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



#16 WCDMA V_RMC12.2K_Left Side_1cm_Ch4233**DUT: 190323**

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

Medium: MSL_850_110927 Medium parameters used: $f = 847$ MHz; $\sigma = 0.967$ mho/m; $\epsilon_r = 52.566$;

$\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(9.02, 9.02, 9.02); Calibrated: 2011/6/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2011/6/17
- Phantom: SAM Left; Type: QD000P40CD; Serial: TP:1542
- Measurement SW: DASY52, Version 52.6 (2); SEMCAD X Version 14.4.5 (3634)

Ch4233/Area Scan (31x81x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.407 mW/g

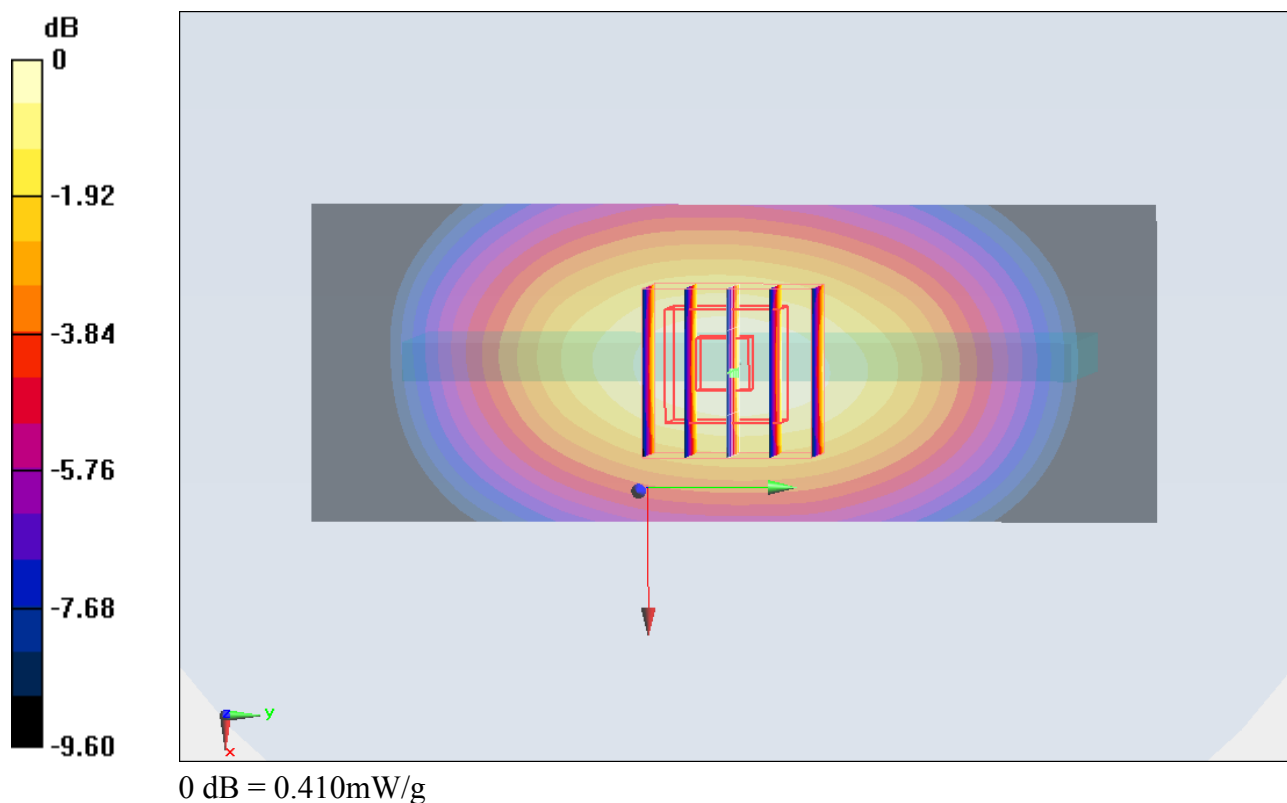
Ch4233/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 20.715 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 0.549 W/kg

SAR(1 g) = 0.386 mW/g; SAR(10 g) = 0.264 mW/g

Maximum value of SAR (measured) = 0.412 mW/g



#17 WCDMA V_RMC12.2K_Right Side_1cm_Ch4233**DUT: 190323**

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

Medium: MSL_850_110927 Medium parameters used: $f = 847$ MHz; $\sigma = 0.967$ mho/m; $\epsilon_r = 52.566$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(9.02, 9.02, 9.02); Calibrated: 2011/6/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2011/6/17
- Phantom: SAM Left; Type: QD000P40CD; Serial: TP:1542
- Measurement SW: DASY52, Version 52.6 (2); SEMCAD X Version 14.4.5 (3634)

Ch4233/Area Scan (31x81x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.521 mW/g

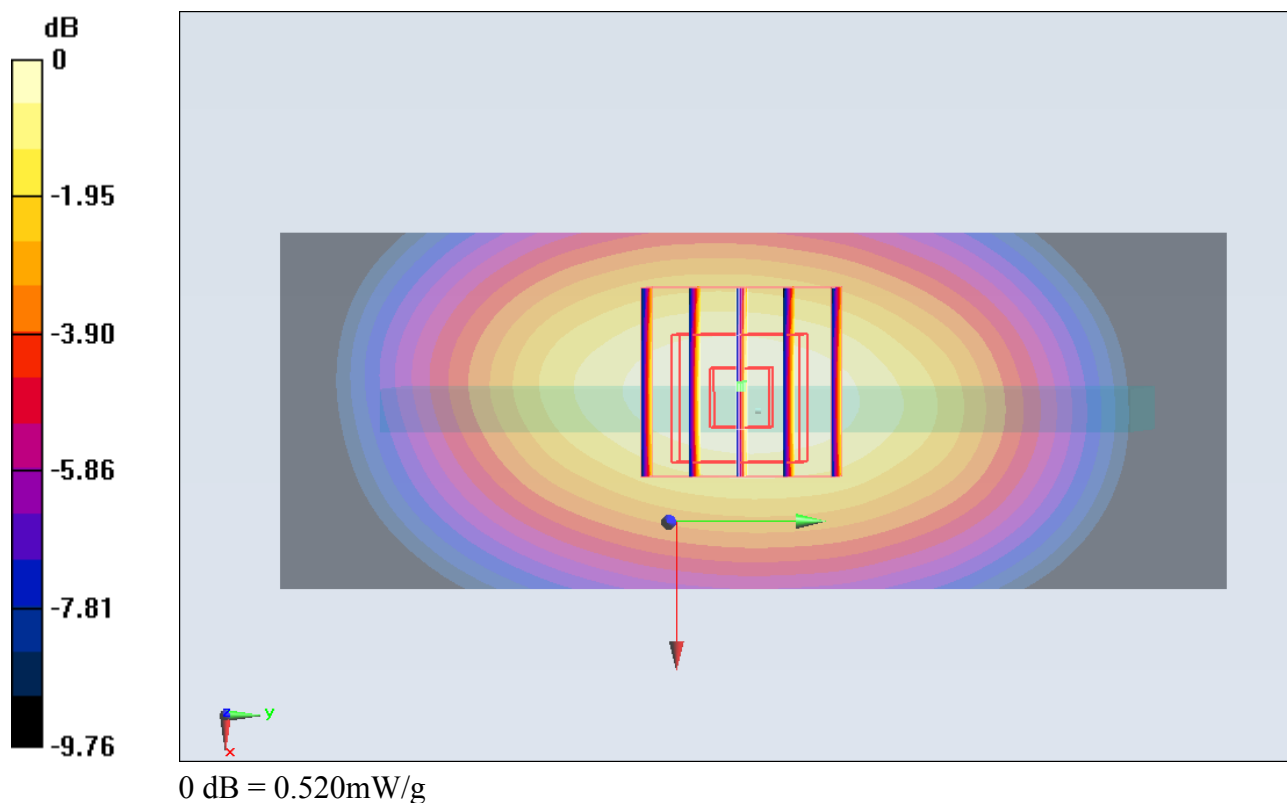
Ch4233/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 23.334 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 0.695 W/kg

SAR(1 g) = 0.493 mW/g; SAR(10 g) = 0.341 mW/g

Maximum value of SAR (measured) = 0.522 mW/g



#18 WCDMA V_RMC12.2K_Top Side_1cm_Ch4233**DUT: 190323**

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

Medium: MSL_850_110927 Medium parameters used: $f = 847$ MHz; $\sigma = 0.967$ mho/m; $\epsilon_r = 52.566$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(9.02, 9.02, 9.02); Calibrated: 2011/6/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2011/6/17
- Phantom: SAM Left; Type: QD000P40CD; Serial: TP:1542
- Measurement SW: DASY52, Version 52.6 (2); SEMCAD X Version 14.4.5 (3634)

Ch4233/Area Scan (31x51x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.015 mW/g

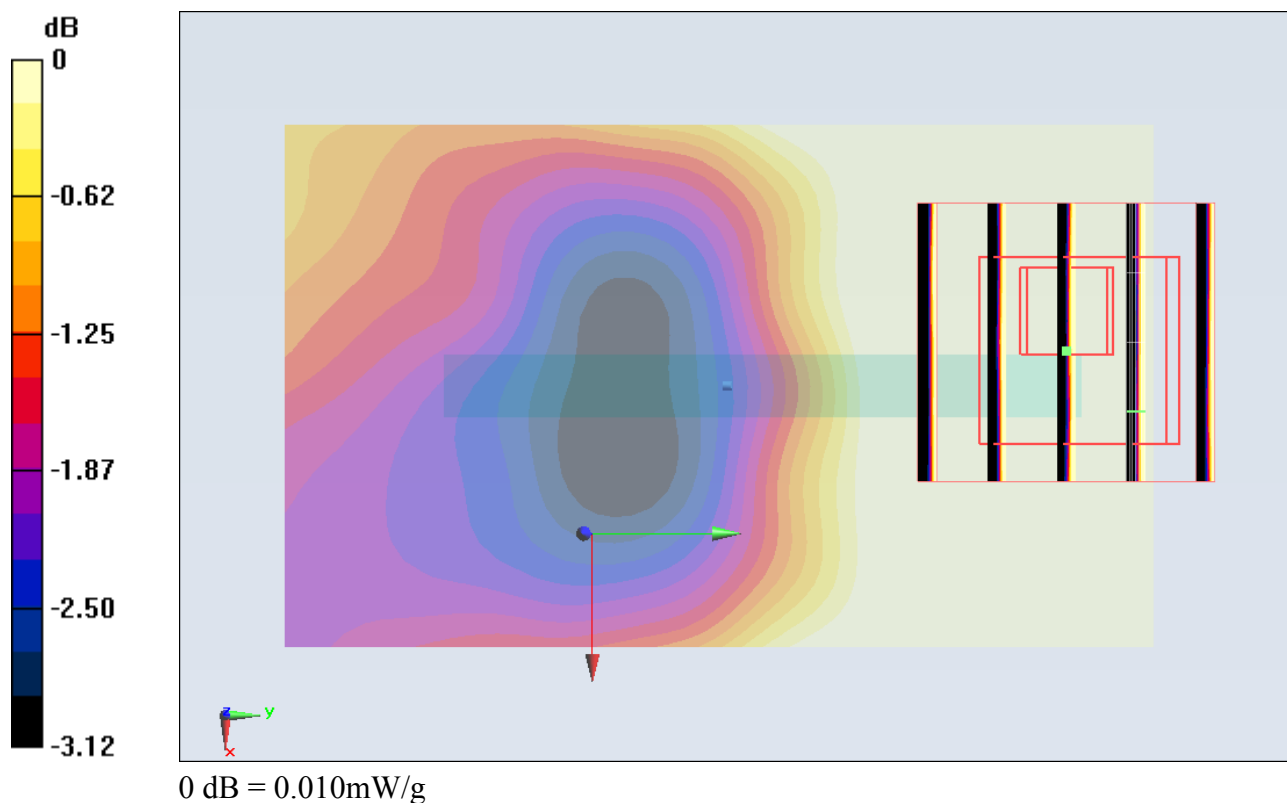
Ch4233/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 2.431 V/m; Power Drift = 0.052 dB

Peak SAR (extrapolated) = 0.018 W/kg

SAR(1 g) = 0.013 mW/g; SAR(10 g) = 0.00975 mW/g

Maximum value of SAR (measured) = 0.014 mW/g



#19 WCDMA V_RMC12.2K_Bottom Side_1cm_Ch4233**DUT: 190323**

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

Medium: MSL_850_110927 Medium parameters used: $f = 847$ MHz; $\sigma = 0.967$ mho/m; $\epsilon_r = 52.566$;

$\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(9.02, 9.02, 9.02); Calibrated: 2011/6/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2011/6/17
- Phantom: SAM Left; Type: QD000P40CD; Serial: TP:1542
- Measurement SW: DASY52, Version 52.6 (2); SEMCAD X Version 14.4.5 (3634)

Ch4233/Area Scan (31x51x1): Measurement grid: dx=20mm, dy=20mm

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

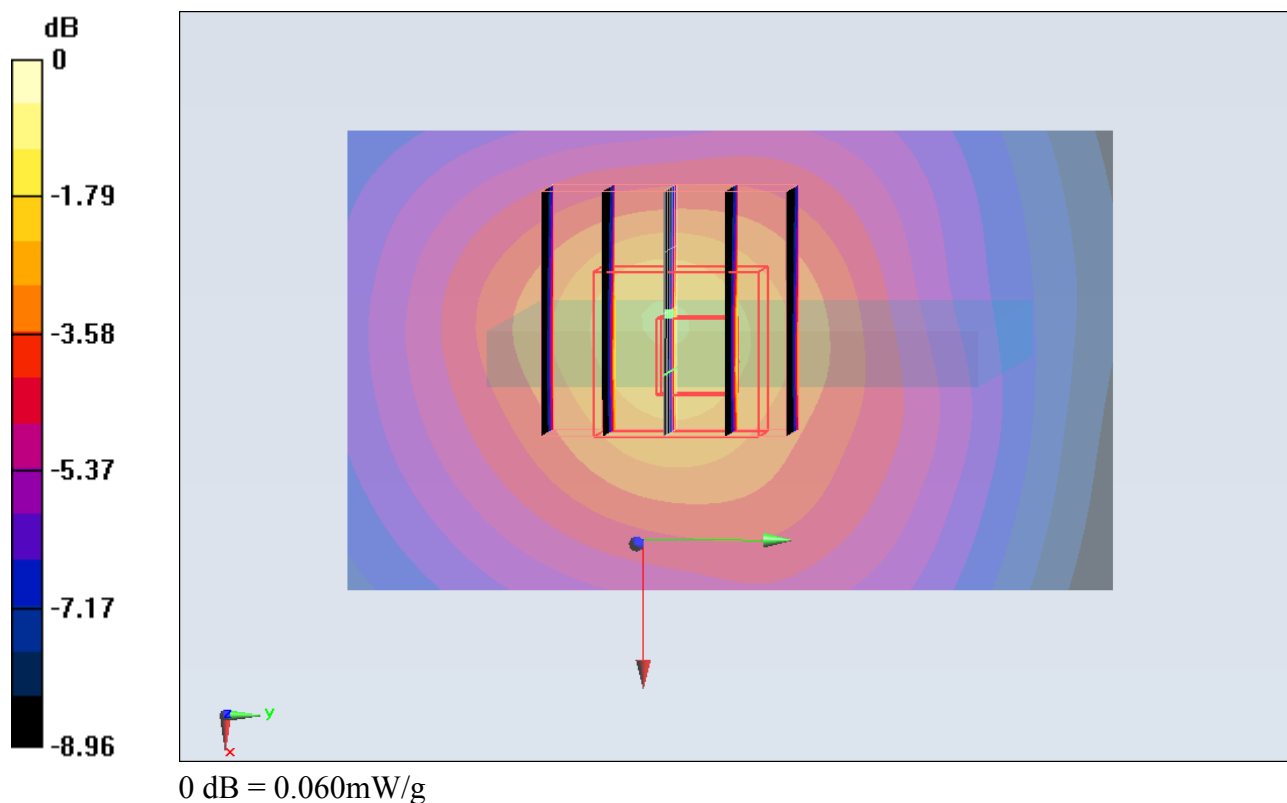
Ch4233/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 8.017 V/m; Power Drift = -0.12 dB

Peak SAR (extrapolated) = 0.105 W/kg

SAR(1 g) = 0.054 mW/g; SAR(10 g) = 0.029 mW/g

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



#14 WCDMA V_RMC12.2K_Front_1cm_Ch4233**DUT: 190323**

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

Medium: MSL_850_110927 Medium parameters used: $f = 847$ MHz; $\sigma = 0.967$ mho/m; $\epsilon_r = 52.566$;

$\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(9.02, 9.02, 9.02); Calibrated: 2011/6/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2011/6/17
- Phantom: SAM Left; Type: QD000P40CD; Serial: TP:1542
- Measurement SW: DASY52, Version 52.6 (2); SEMCAD X Version 14.4.5 (3634)

Ch4233/Area Scan (51x81x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.430 mW/g

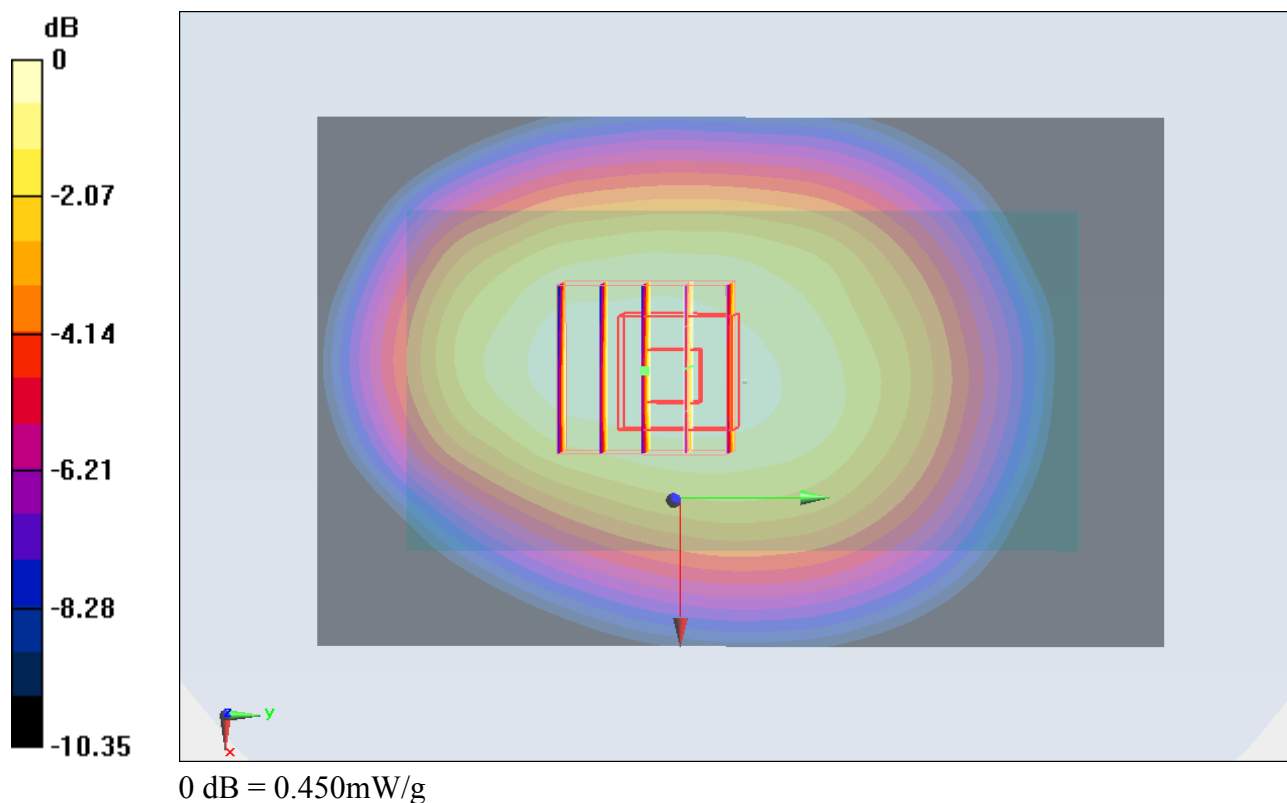
Ch4233/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 21.648 V/m; Power Drift = -0.020 dB

Peak SAR (extrapolated) = 0.550 W/kg

SAR(1 g) = 0.433 mW/g; SAR(10 g) = 0.329 mW/g

Maximum value of SAR (measured) = 0.454 mW/g



#15 WCDMA V_RMC12.2K_Back_1cm_Ch4233**DUT: 190323**

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

Medium: MSL_850_110927 Medium parameters used: $f = 847$ MHz; $\sigma = 0.967$ mho/m; $\epsilon_r = 52.566$;

$\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(9.02, 9.02, 9.02); Calibrated: 2011/6/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2011/6/17
- Phantom: SAM Left; Type: QD000P40CD; Serial: TP:1542
- Measurement SW: DASY52, Version 52.6 (2); SEMCAD X Version 14.4.5 (3634)

Ch4233/Area Scan (51x81x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.552 mW/g

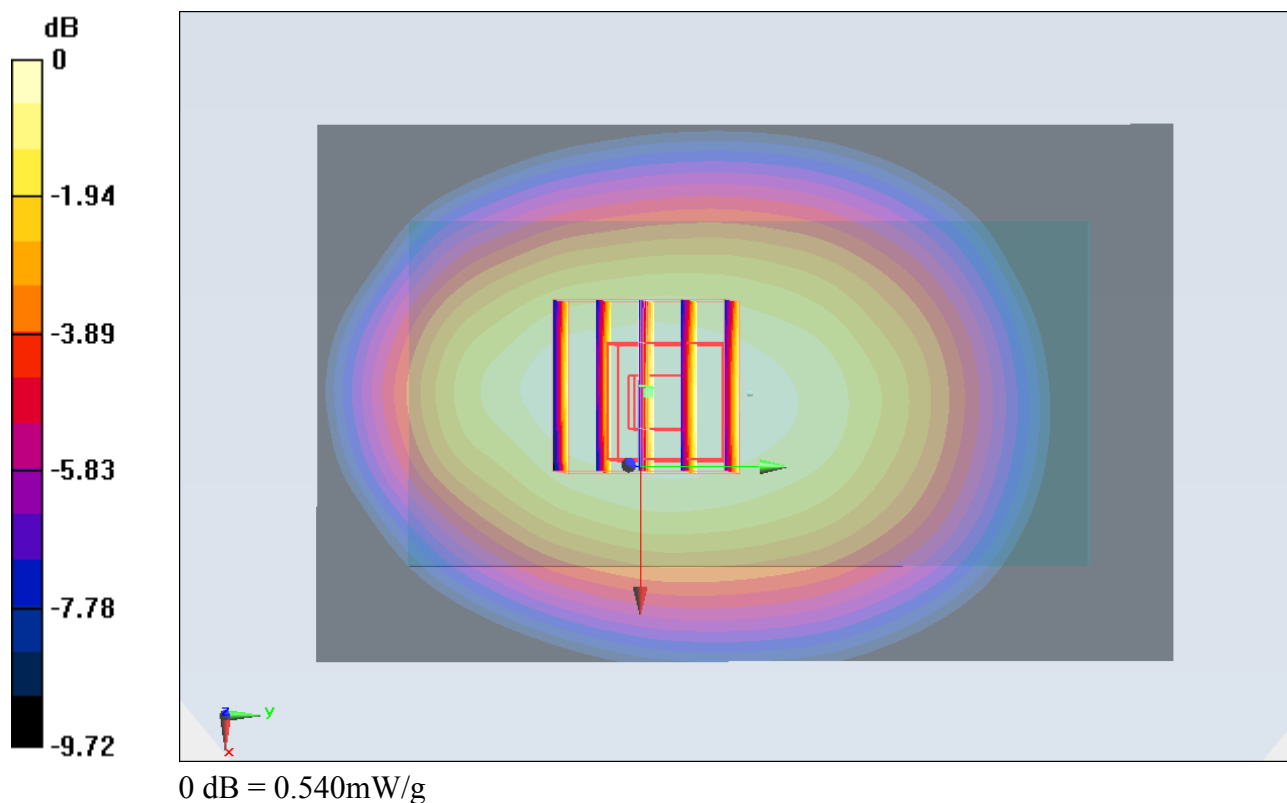
Ch4233/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 22.872 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.653 W/kg

SAR(1 g) = 0.514 mW/g; SAR(10 g) = 0.388 mW/g

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



#20 WCDMA V_RMC12.2K_Back_1cm_Ch4233**DUT: 190323**

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

Medium: MSL_850_110927 Medium parameters used: $f = 847$ MHz; $\sigma = 0.967$ mho/m; $\epsilon_r = 52.566$;

$\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(9.02, 9.02, 9.02); Calibrated: 2011/6/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2011/6/17
- Phantom: SAM Left; Type: QD000P40CD; Serial: TP:1542
- Measurement SW: DASY52, Version 52.6 (2); SEMCAD X Version 14.4.5 (3634)

Ch4233/Area Scan (51x81x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.411 mW/g

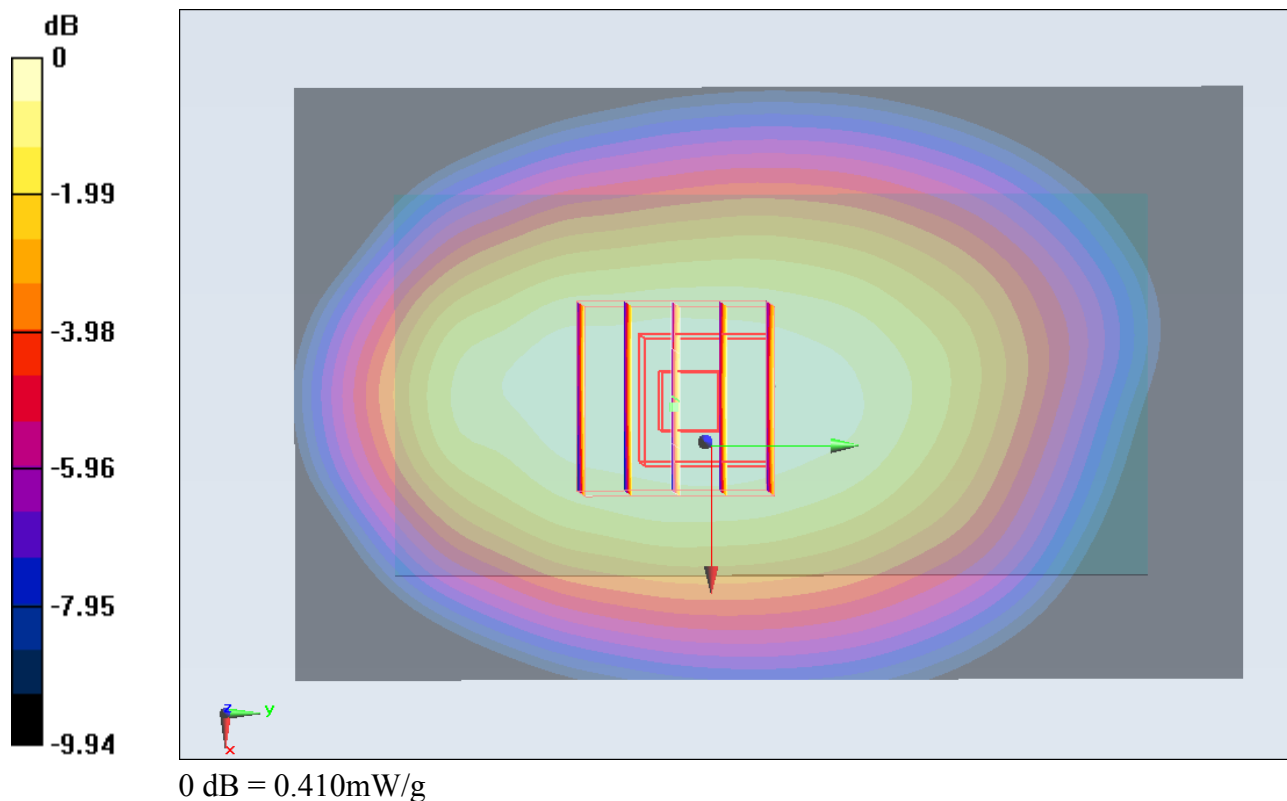
Ch4233/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 20.227 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 0.502 W/kg

SAR(1 g) = 0.396 mW/g; SAR(10 g) = 0.300 mW/g

Maximum value of SAR (measured) = 0.415 mW/g



#42 802.11b_Front_1cm_Ch1**DUT: 190323**

Communication System: 802.11b; Frequency: 2412 MHz; Duty Cycle: 1:1

Medium: MSL_2450_111021 Medium parameters used: $f = 2412$ MHz; $\sigma = 1.913$ mho/m; $\epsilon_r =$

53.018; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(6.67, 6.67, 6.67); Calibrated: 2011/6/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2011/1/13
- Phantom: SAM Left; Type: QD000P40CD; Serial: TP:1542
- Measurement SW: DASY52, Version 52.6 (2); SEMCAD X Version 14.4.5 (3634)

Ch1/Area Scan (51x81x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.096 mW/g

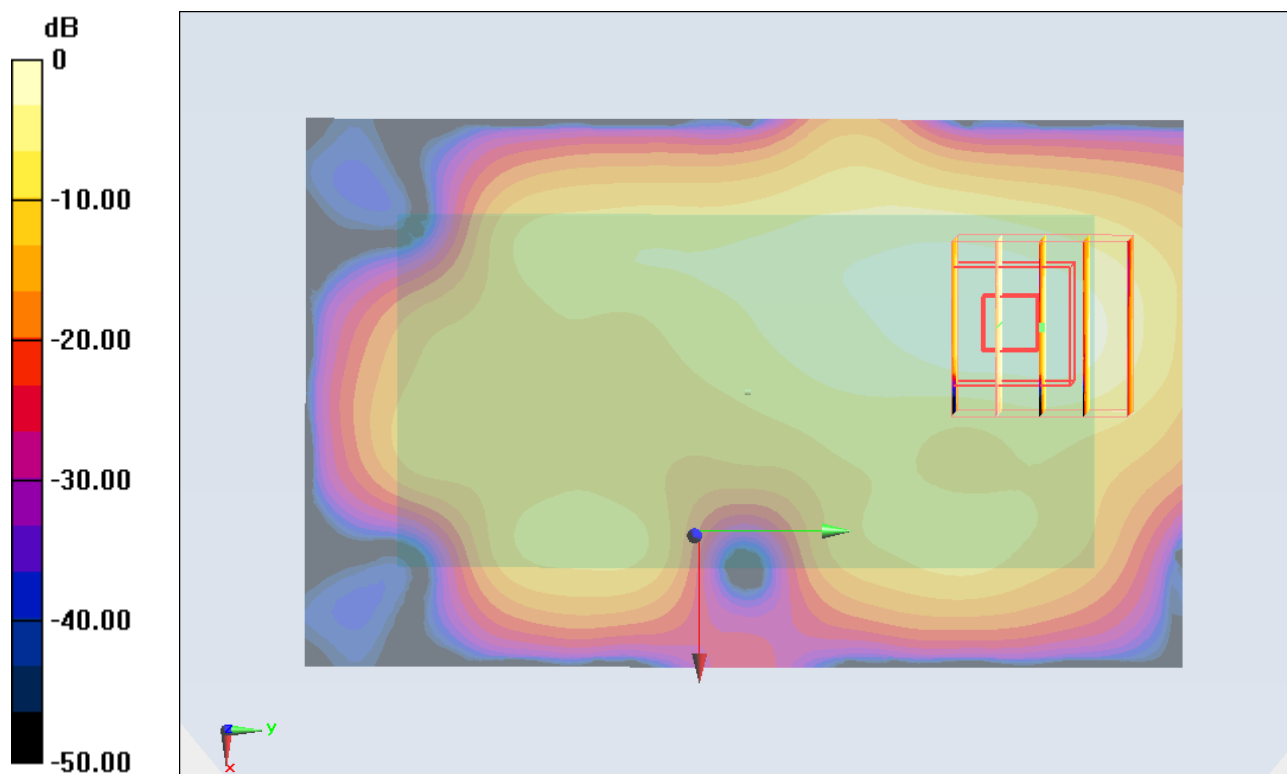
Ch1/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 2.469 V/m; Power Drift = 0.17 dB

Peak SAR (extrapolated) = 0.166 W/kg

SAR(1 g) = 0.091 mW/g; SAR(10 g) = 0.045 mW/g

Maximum value of SAR (measured) = 0.104 mW/g



#43 802.11b_Back_1cm_Ch1**DUT: 190323**

Communication System: 802.11b; Frequency: 2412 MHz; Duty Cycle: 1:1

Medium: MSL_2450_111021 Medium parameters used: $f = 2412$ MHz; $\sigma = 1.913$ mho/m; $\epsilon_r =$

53.018; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(6.67, 6.67, 6.67); Calibrated: 2011/6/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2011/1/13
- Phantom: SAM Left; Type: QD000P40CD; Serial: TP:1542
- Measurement SW: DASY52, Version 52.6 (2); SEMCAD X Version 14.4.5 (3634)

Ch1/Area Scan (51x81x1): Measurement grid: dx=20mm, dy=20mm

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

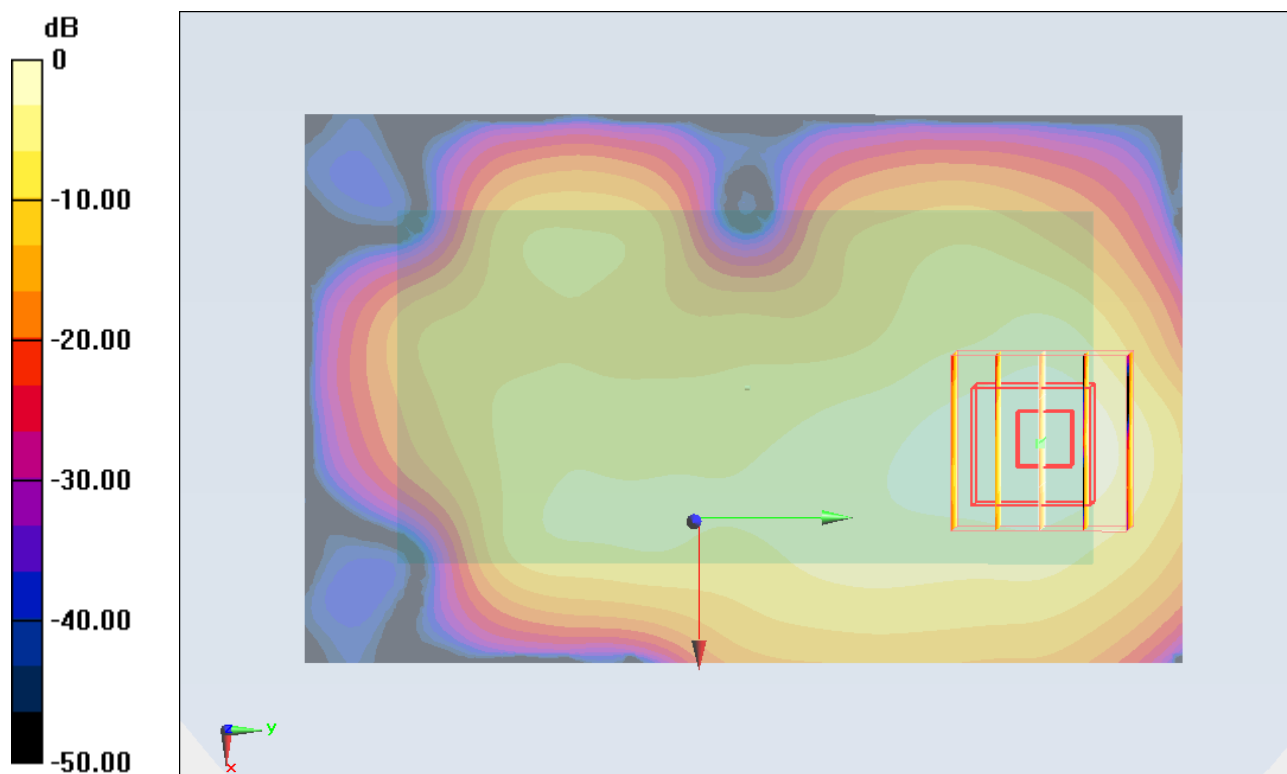
Ch1/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 2.875 V/m; Power Drift = -0.16 dB

Peak SAR (extrapolated) = 0.219 W/kg

SAR(1 g) = 0.111 mW/g; SAR(10 g) = 0.055 mW/g

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



0 dB = 0.120mW/g

#44 802.11b_Left Side_1cm_Ch1

DUT: 190323

Communication System: 802.11b; Frequency: 2412 MHz; Duty Cycle: 1:1

Medium: MSL_2450_111021 Medium parameters used: $f = 2412$ MHz; $\sigma = 1.913$ mho/m; $\epsilon_r =$

53.018; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(6.67, 6.67, 6.67); Calibrated: 2011/6/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2011/1/13
- Phantom: SAM Left; Type: QD000P40CD; Serial: TP:1542
- Measurement SW: DASY52, Version 52.6 (2); SEMCAD X Version 14.4.5 (3634)

Ch1/Area Scan (31x81x1): Measurement grid: dx=20mm, dy=20mm

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

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

Reference Value = 3.626 V/m; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 0.085 W/kg

SAR(1 g) = 0.044 mW/g; SAR(10 g) = 0.023 mW/g

Maximum value of SAR (measured) = 0.049 mW/g

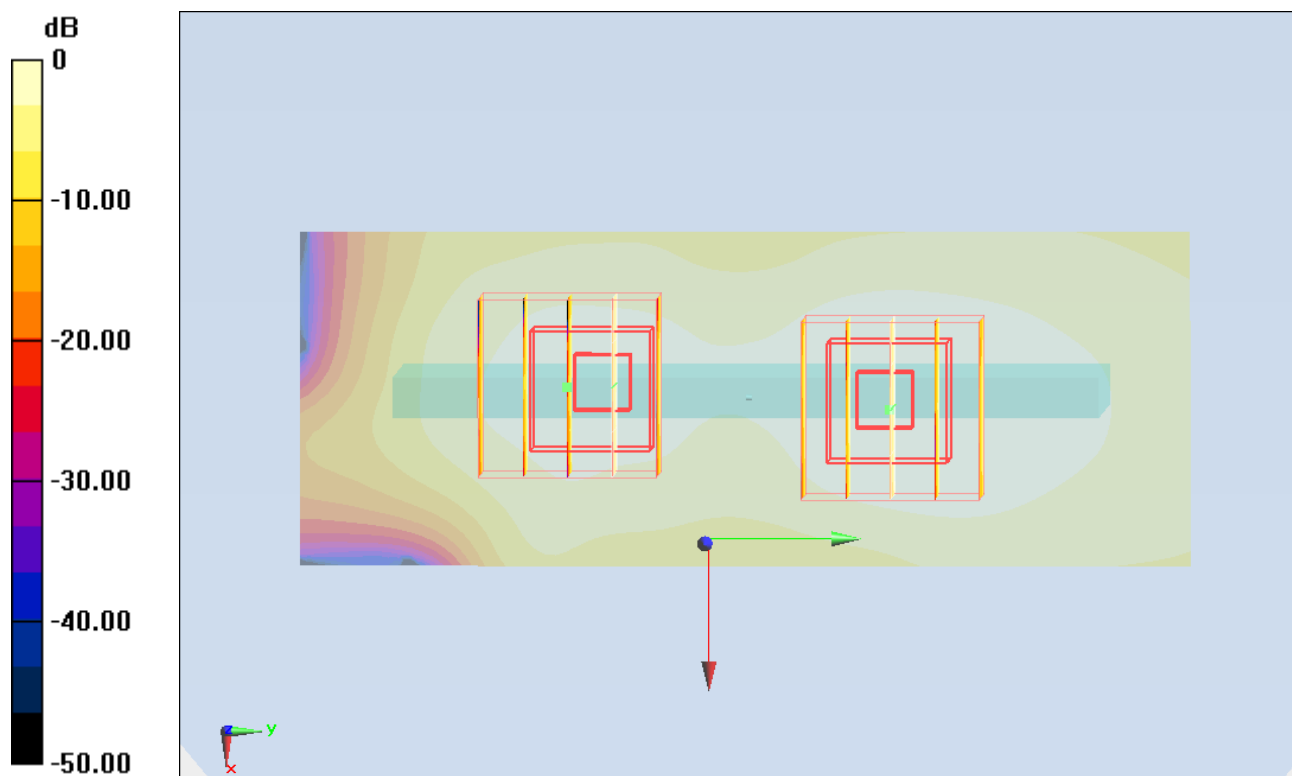
Ch1/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 3.626 V/m; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 0.064 W/kg

SAR(1 g) = 0.032 mW/g; SAR(10 g) = 0.017 mW/g

Maximum value of SAR (measured) = 0.036 mW/g



#45 802.11b_Right Side_1cm_Ch1**DUT: 190323**

Communication System: 802.11b; Frequency: 2412 MHz; Duty Cycle: 1:1

Medium: MSL_2450_111021 Medium parameters used: $f = 2412$ MHz; $\sigma = 1.913$ mho/m; $\epsilon_r =$

53.018; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(6.67, 6.67, 6.67); Calibrated: 2011/6/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2011/1/13
- Phantom: SAM Left; Type: QD000P40CD; Serial: TP:1542
- Measurement SW: DASY52, Version 52.6 (2); SEMCAD X Version 14.4.5 (3634)

Ch1/Area Scan (31x81x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.027 mW/g

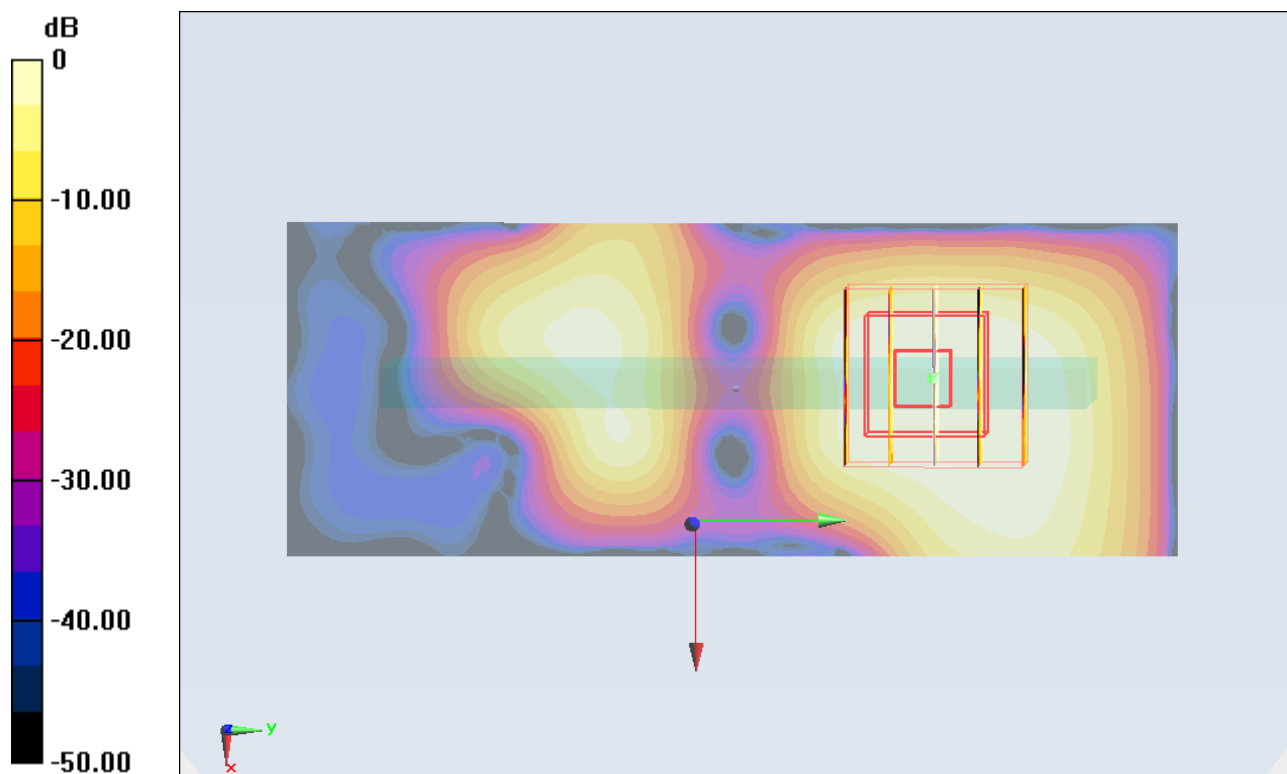
Ch1/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 1.176 V/m; Power Drift = -0.15 dB

Peak SAR (extrapolated) = 0.023 W/kg

SAR(1 g) = 0.013 mW/g; SAR(10 g) = 0.00569 mW/g

Maximum value of SAR (measured) = 0.015 mW/g



#46 802.11b_Top Side_1cm_Ch1**DUT: 190323**

Communication System: 802.11b; Frequency: 2412 MHz; Duty Cycle: 1:1

Medium: MSL_2450_111021 Medium parameters used: $f = 2412$ MHz; $\sigma = 1.913$ mho/m; $\epsilon_r =$

53.018; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(6.67, 6.67, 6.67); Calibrated: 2011/6/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2011/1/13
- Phantom: SAM Left; Type: QD000P40CD; Serial: TP:1542
- Measurement SW: DASY52, Version 52.6 (2); SEMCAD X Version 14.4.5 (3634)

Ch1/Area Scan (31x51x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.069 mW/g

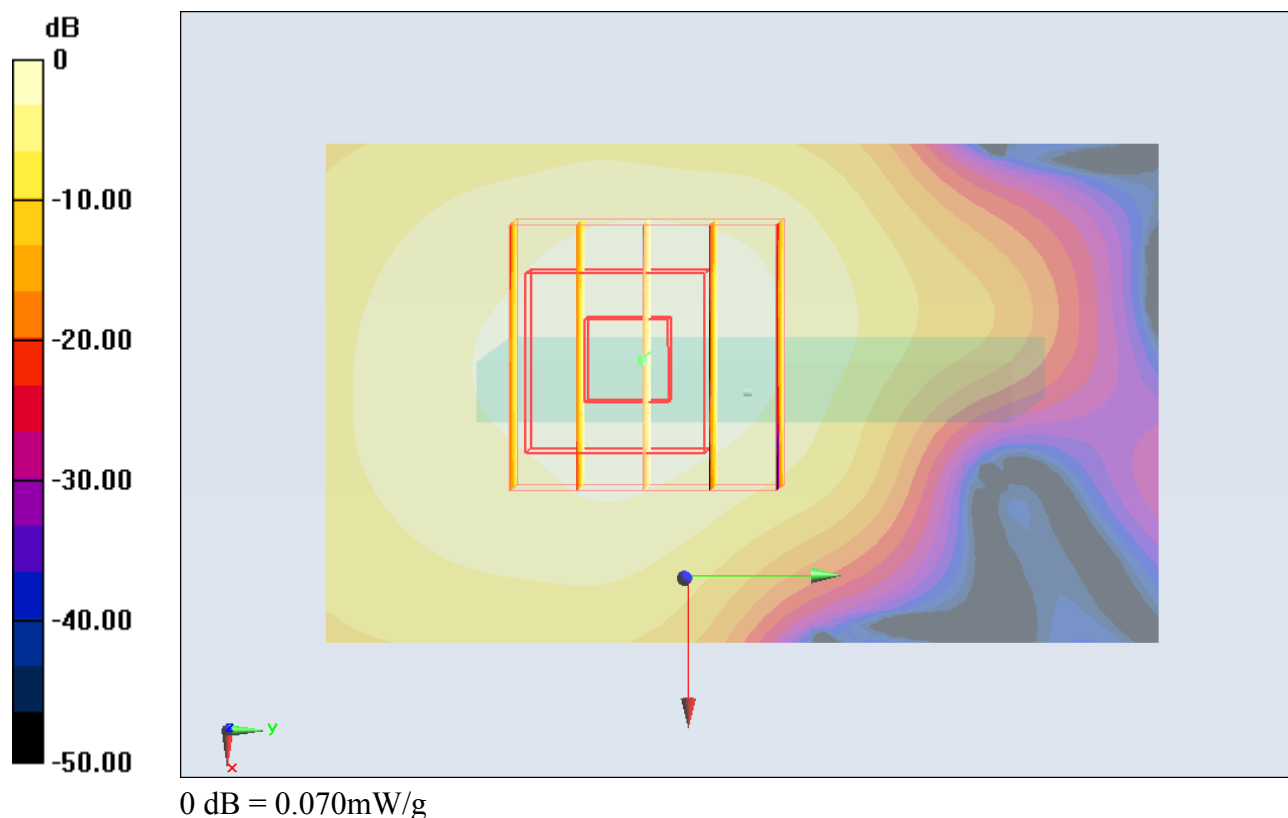
Ch1/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 4.612 V/m; Power Drift = 0.13 dB

Peak SAR (extrapolated) = 0.134 W/kg

SAR(1 g) = 0.065 mW/g; SAR(10 g) = 0.032 mW/g

Maximum value of SAR (measured) = 0.072 mW/g



#47 802.11b_Bottom Side_1cm_Ch1**DUT: 190323**

Communication System: 802.11b; Frequency: 2412 MHz; Duty Cycle: 1:1

Medium: MSL_2450_111021 Medium parameters used: $f = 2412$ MHz; $\sigma = 1.913$ mho/m; $\epsilon_r =$ 53.018; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(6.67, 6.67, 6.67); Calibrated: 2011/6/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2011/1/13
- Phantom: SAM Left; Type: QD000P40CD; Serial: TP:1542
- Measurement SW: DASY52, Version 52.6 (2); SEMCAD X Version 14.4.5 (3634)

Ch1/Area Scan (31x51x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.00651 mW/g

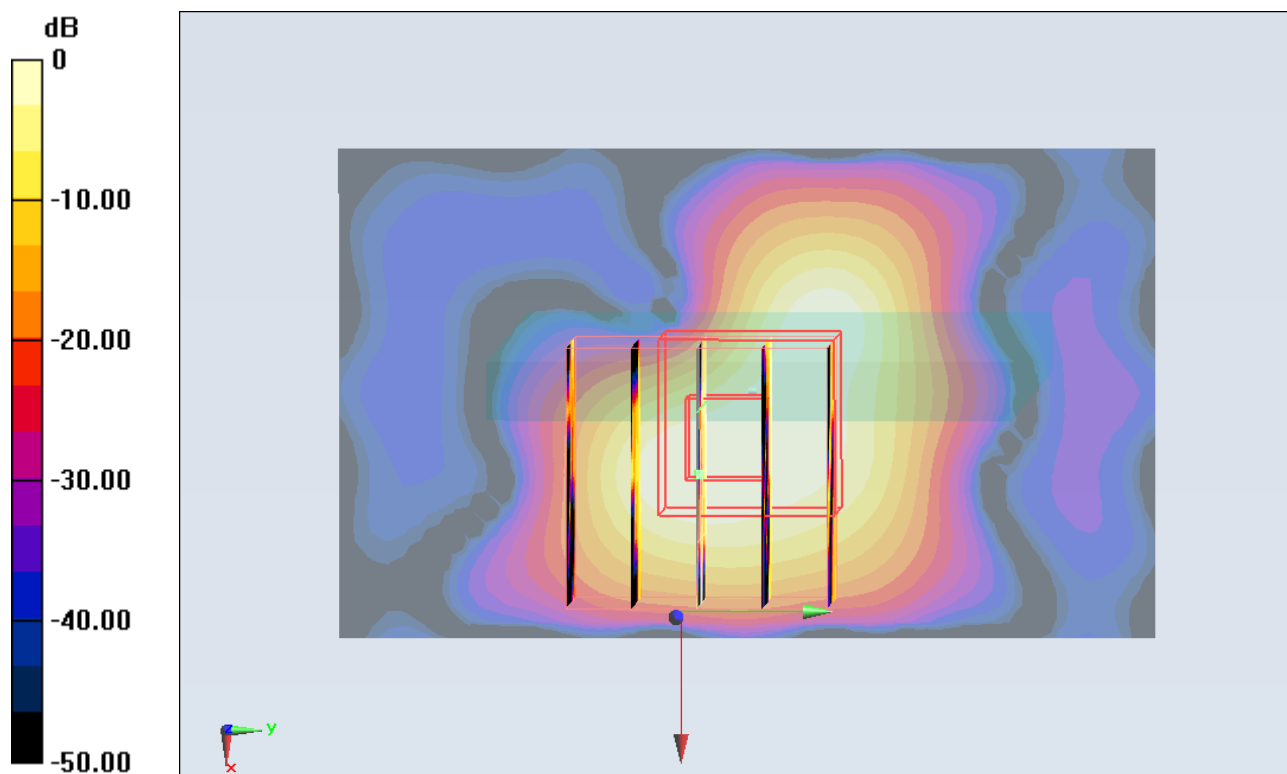
Ch1/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 1.405 V/m; Power Drift = -0.153 dB

Peak SAR (extrapolated) = 0.013 W/kg

SAR(1 g) = 0.00288 mW/g; SAR(10 g) = 0.000739 mW/g

Maximum value of SAR (measured) = 0.00492 mW/g



0 dB = 0.0049mW/g

#48 802.11b_Back_1cm_Ch1_Earphone**DUT: 190323**

Communication System: 802.11b; Frequency: 2412 MHz; Duty Cycle: 1:1

Medium: MSL_2450_111021 Medium parameters used: $f = 2412$ MHz; $\sigma = 1.913$ mho/m; $\epsilon_r =$ 53.018; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(6.67, 6.67, 6.67); Calibrated: 2011/6/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2011/1/13
- Phantom: SAM Left; Type: QD000P40CD; Serial: TP:1542
- Measurement SW: DASY52, Version 52.6 (2); SEMCAD X Version 14.4.5 (3634)

Ch1/Area Scan (51x81x1): Measurement grid: dx=20mm, dy=20mm

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

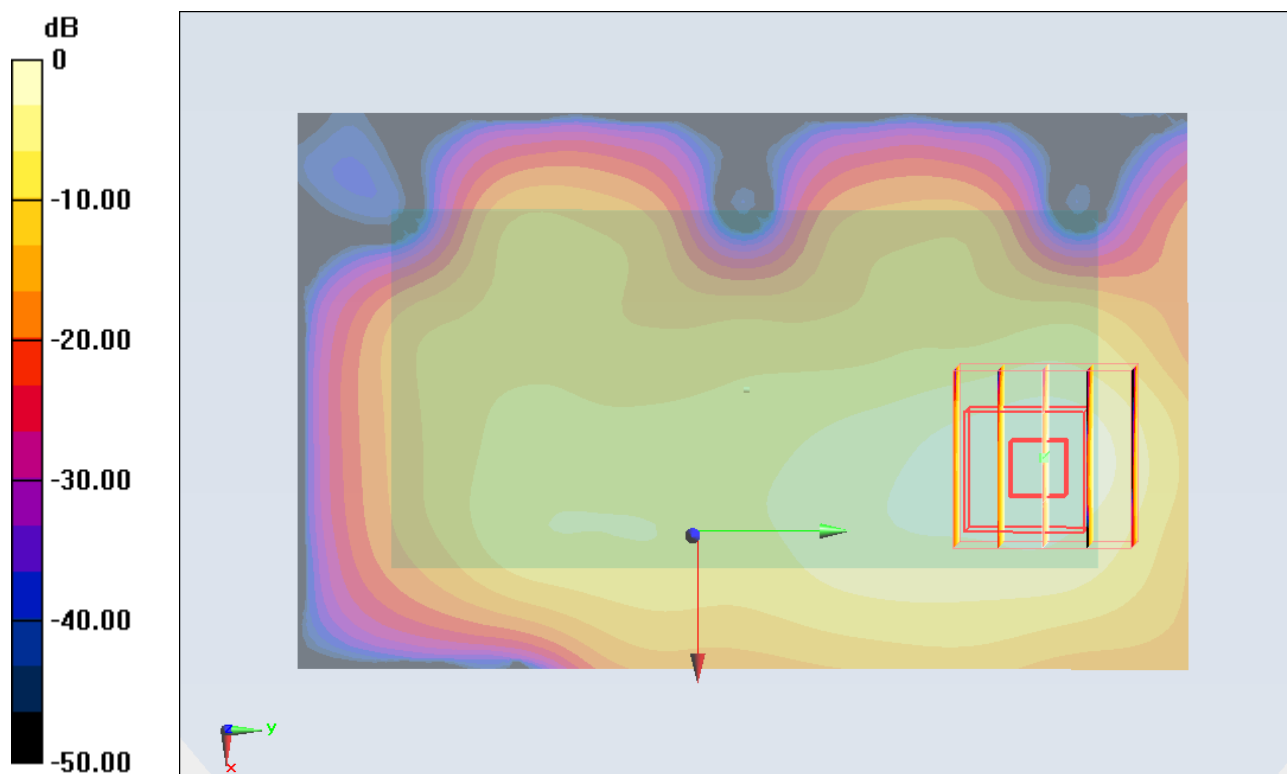
Ch1/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 2.685 V/m; Power Drift = 0.11 dB

Peak SAR (extrapolated) = 0.199 W/kg

SAR(1 g) = 0.106 mW/g; SAR(10 g) = 0.052 mW/g

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



0 dB = 0.120mW/g