

#06 GSM850_Right Cheek_Ch251

DUT: 052102

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

Medium: HSL_850_100526 Medium parameters used: $f = 849$ MHz; $\sigma = 0.898$ mho/m; $\epsilon_r = 41.9$; $\rho = 1000$

kg/m³

Ambient Temperature : 23.0 ; Liquid Temperature : 21.7

DASY5 Configuration:

- Probe: ET3DV6 - SN1788; ConvF(6.3, 6.3, 6.3); Calibrated: 2009/9/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2009/9/18
- Phantom: SAM - Front; Type: SAM; Serial: TP-1446
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

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

Maximum value of SAR (interpolated) = 0.590 mW/g

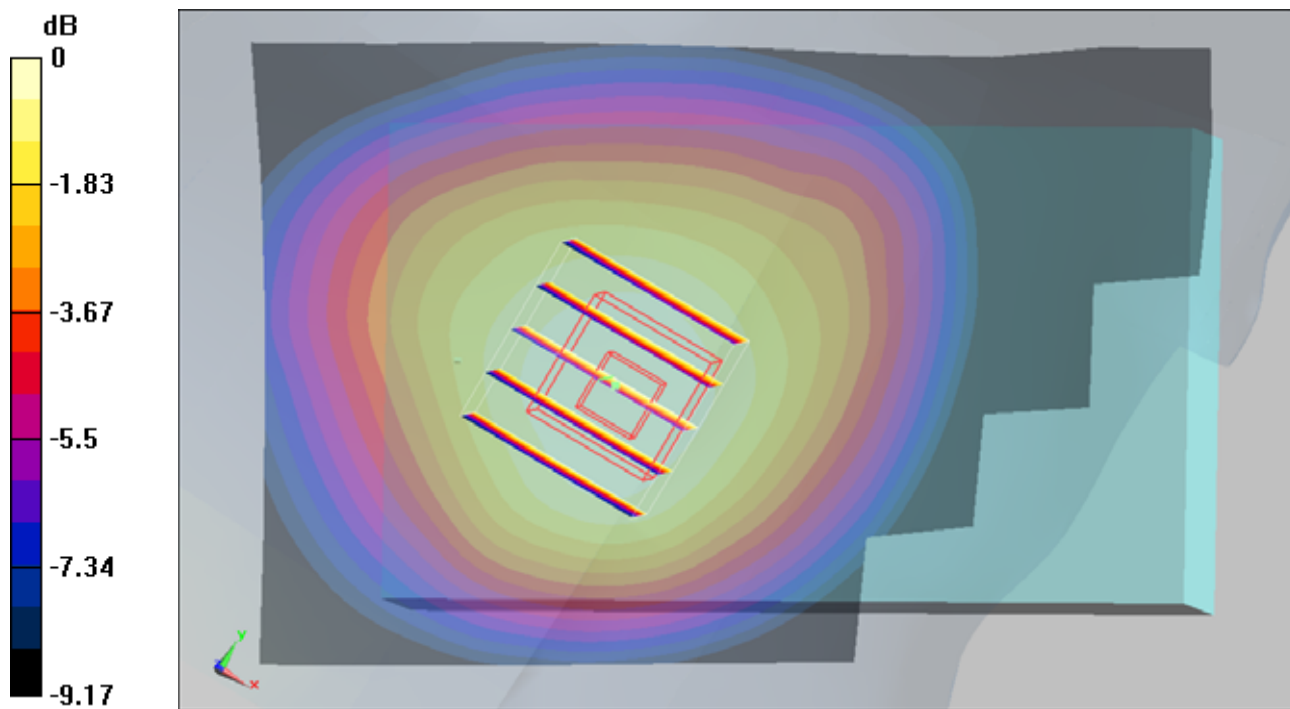
Ch251/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 21.2 V/m; Power Drift = -0.021 dB

Peak SAR (extrapolated) = 0.658 W/kg

SAR(1 g) = 0.552 mW/g; SAR(10 g) = 0.421 mW/g

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



0 dB = 0.579mW/g

#06 GSM850_Right Cheek_Ch251_2D

DUT: 052102

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

Medium: HSL_850_100526 Medium parameters used: $f = 849$ MHz; $\sigma = 0.898$ mho/m; $\epsilon_r = 41.9$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.0 ; Liquid Temperature : 21.7

DASY5 Configuration:

- Probe: ET3DV6 - SN1788; ConvF(6.3, 6.3, 6.3); Calibrated: 2009/9/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2009/9/18
- Phantom: SAM - Front; Type: SAM; Serial: TP-1446
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

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

Maximum value of SAR (interpolated) = 0.590 mW/g

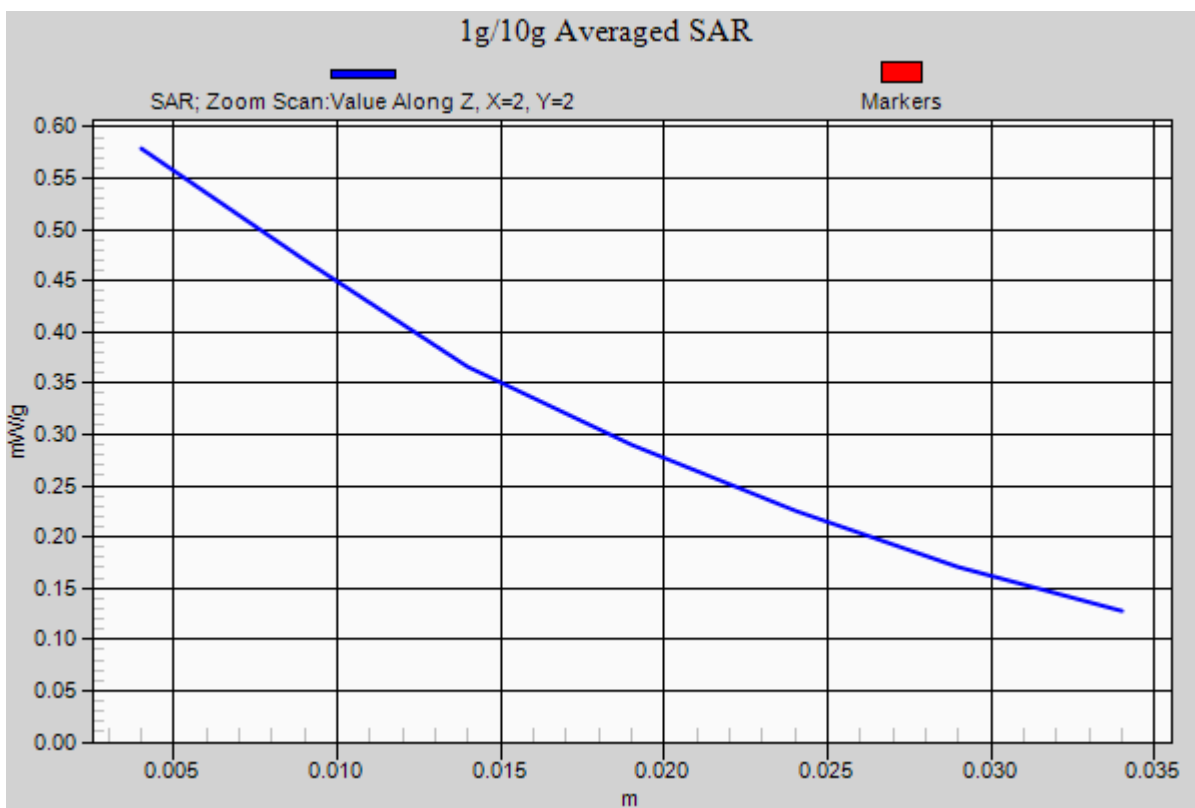
Ch251/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 21.2 V/m; Power Drift = -0.021 dB

Peak SAR (extrapolated) = 0.658 W/kg

SAR(1 g) = 0.552 mW/g; SAR(10 g) = 0.421 mW/g

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



#02 GSM850_Right Tilted_Ch189

DUT: 052102

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

Medium: HSL_850_100526 Medium parameters used : $f = 836.4$ MHz; $\sigma = 0.887$ mho/m; $\epsilon_r = 42$; $\rho = 1000$

kg/m³

Ambient Temperature : 23.0 ; Liquid Temperature : 21.7

DASY5 Configuration:

- Probe: ET3DV6 - SN1788; ConvF(6.3, 6.3, 6.3); Calibrated: 2009/9/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2009/9/18
- Phantom: SAM - Front; Type: SAM; Serial: TP-1446
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

Ch189/Area Scan (51x81x1): Measurement grid: dx=20mm, dy=20mm

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

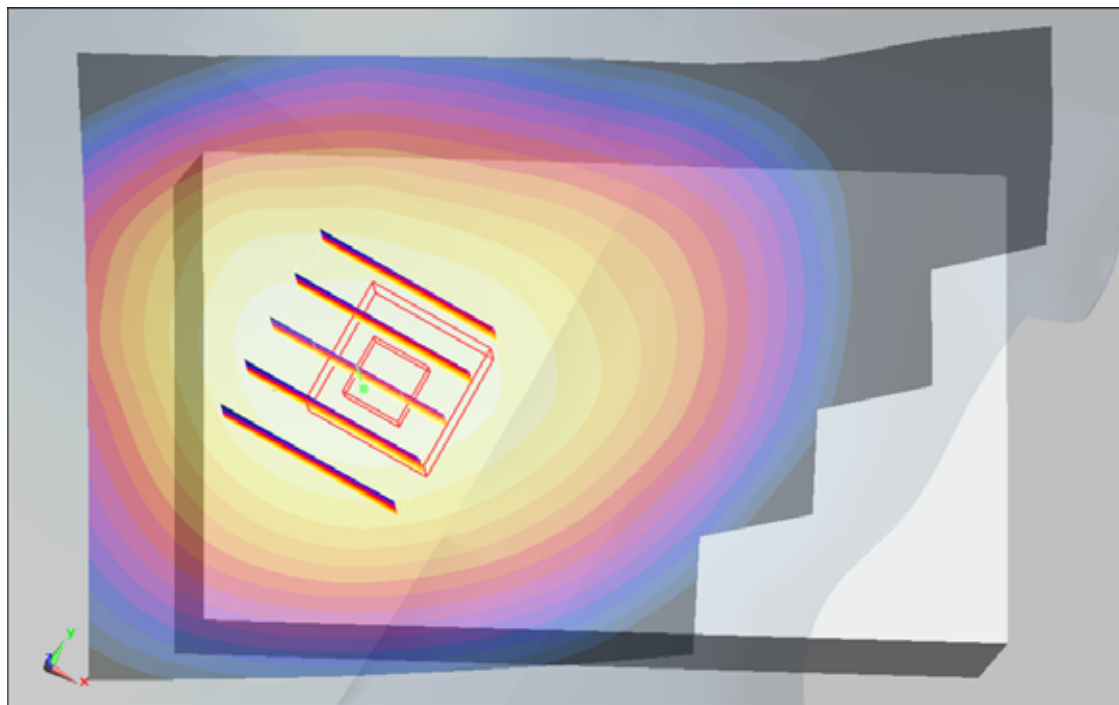
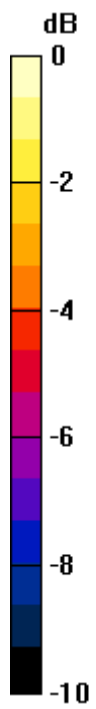
Ch189/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 16.7 V/m; Power Drift = -0.139 dB

Peak SAR (extrapolated) = 0.305 W/kg

SAR(1 g) = 0.243 mW/g; SAR(10 g) = 0.184 mW/g

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



0 dB = 0.256mW/g

#03 GSM850_Left Cheek_Ch189

DUT: 052102

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

Medium: HSL_850_100526 Medium parameters used : $f = 836.4$ MHz; $\sigma = 0.887$ mho/m; $\epsilon_r = 42$; $\rho = 1000$

kg/m³

Ambient Temperature : 23.0 ; Liquid Temperature : 21.7

DASY5 Configuration:

- Probe: ET3DV6 - SN1788; ConvF(6.3, 6.3, 6.3); Calibrated: 2009/9/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2009/9/18
- Phantom: SAM - Front; Type: SAM; Serial: TP-1446
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

Ch189/Area Scan (51x81x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.335 mW/g

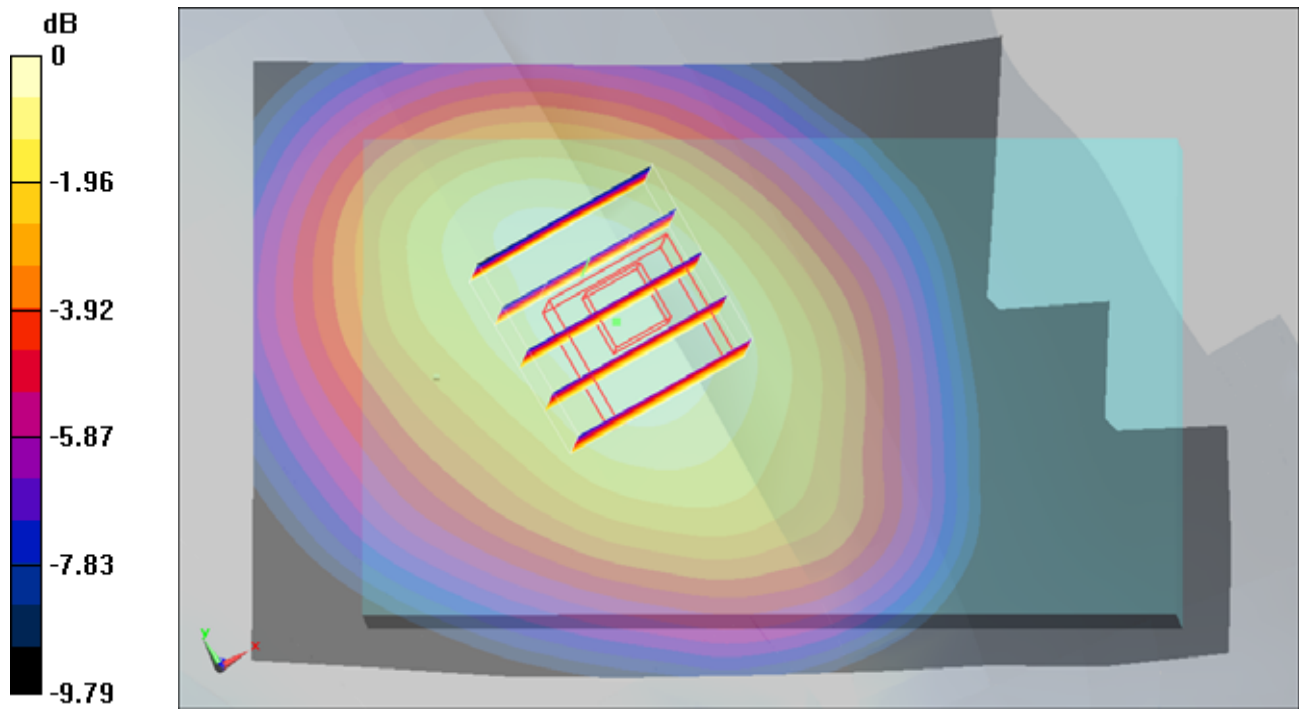
Ch189/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 15.6 V/m; Power Drift = -0.116 dB

Peak SAR (extrapolated) = 0.411 W/kg

SAR(1 g) = 0.313 mW/g; SAR(10 g) = 0.234 mW/g

Maximum value of SAR (measured) = 0.330 mW/g



0 dB = 0.330mW/g

#04 GSM850_Left Tilted_Ch189

DUT: 052102

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

Medium: HSL_850_100526 Medium parameters used : $f = 836.4$ MHz; $\sigma = 0.887$ mho/m; $\epsilon_r = 42$; $\rho = 1000$

kg/m³

Ambient Temperature : 23.0 ; Liquid Temperature : 21.7

DASY5 Configuration:

- Probe: ET3DV6 - SN1788; ConvF(6.3, 6.3, 6.3); Calibrated: 2009/9/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2009/9/18
- Phantom: SAM - Front; Type: SAM; Serial: TP-1446
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

Ch189/Area Scan (51x81x1): Measurement grid: dx=20mm, dy=20mm

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

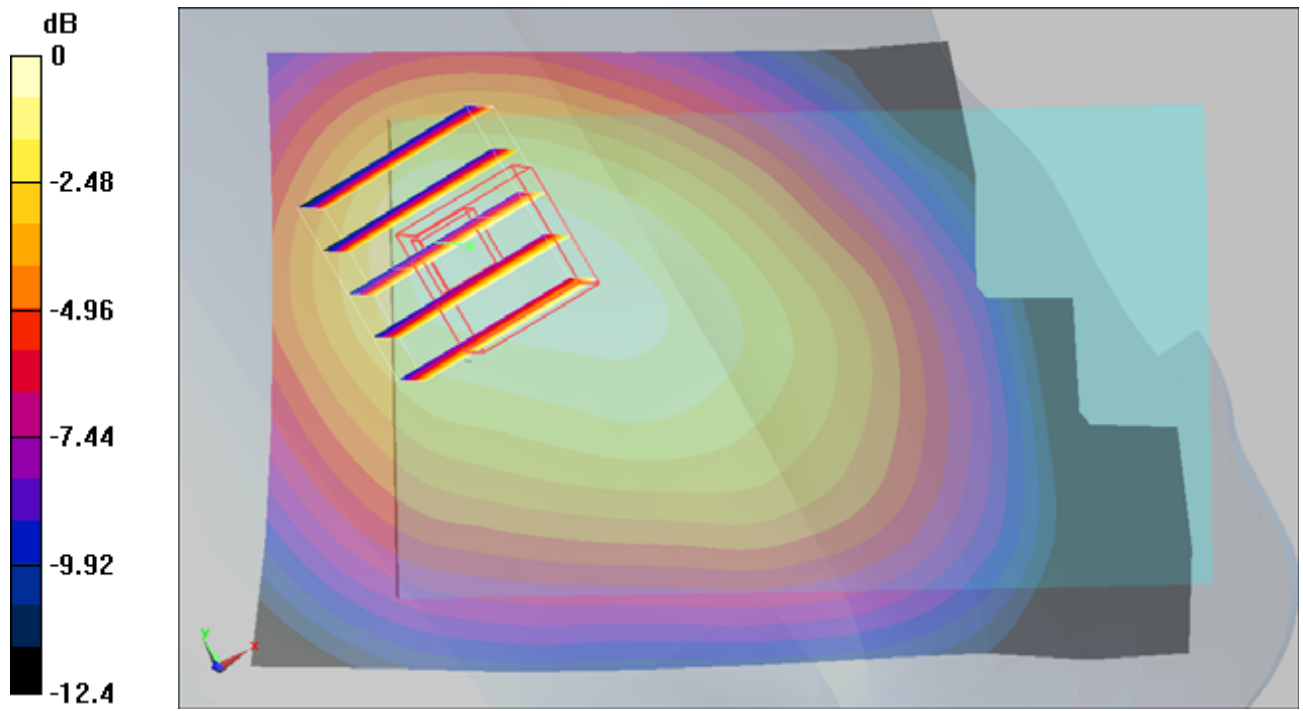
Ch189/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 15.7 V/m; Power Drift = -0.00588 dB

Peak SAR (extrapolated) = 0.359 W/kg

SAR(1 g) = 0.239 mW/g; SAR(10 g) = 0.164 mW/g

Maximum value of SAR (measured) = 0.257 mW/g



0 dB = 0.257mW/g

#19 GSM1900_Right Cheek_Ch661

DUT: 052102

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

Medium: HSL_1900_100526 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.39$ mho/m; $\epsilon_r = 38.4$; $\rho = 1000$

kg/m³

Ambient Temperature : 22.4 ; Liquid Temperature : 21.3

DASY5 Configuration:

- Probe: ET3DV6 - SN1788; ConvF(5.11, 5.11, 5.11); Calibrated: 2009/9/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2009/9/18
- Phantom: SAM-Back; Type: QD 000 P40 C; Serial: TP-1383
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

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

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

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

Reference Value = 11.4 V/m; Power Drift = 0.00966 dB

Peak SAR (extrapolated) = 0.384 W/kg

SAR(1 g) = 0.246 mW/g; SAR(10 g) = 0.152 mW/g

Maximum value of SAR (measured) = 0.265 mW/g

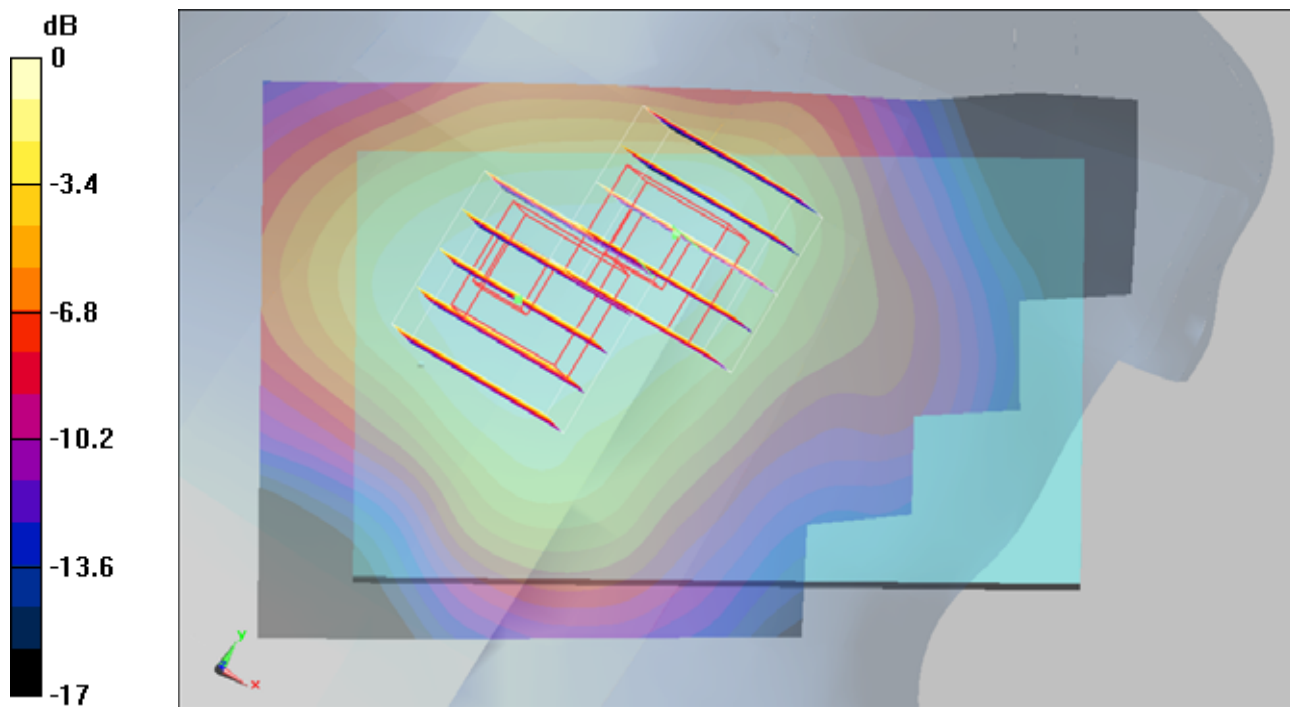
Ch661/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 11.4 V/m; Power Drift = 0.00966 dB

Peak SAR (extrapolated) = 0.366 W/kg

SAR(1 g) = 0.242 mW/g; SAR(10 g) = 0.156 mW/g

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



0 dB = 0.266mW/g

#20 GSM1900_Right Tilted_Ch661

DUT: 052102

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

Medium: HSL_1900_100526 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.39$ mho/m; $\epsilon_r = 38.4$; $\rho = 1000$

kg/m³

Ambient Temperature : 22.5 ; Liquid Temperature : 21.3

DASY5 Configuration:

- Probe: ET3DV6 - SN1788; ConvF(5.11, 5.11, 5.11); Calibrated: 2009/9/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2009/9/18
- Phantom: SAM-Back; Type: QD 000 P40 C; Serial: TP-1383
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

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

Maximum value of SAR (interpolated) = 0.223 mW/g

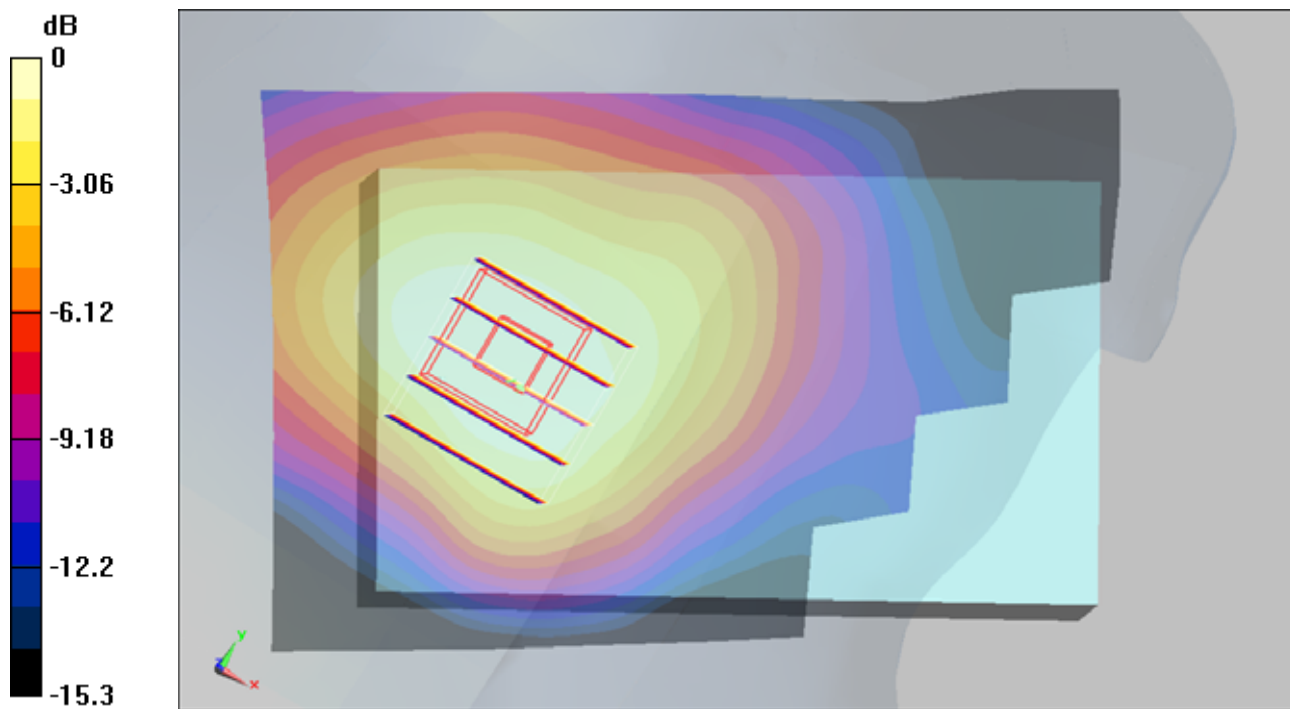
Ch661/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 11.5 V/m; Power Drift = -0.056 dB

Peak SAR (extrapolated) = 0.267 W/kg

SAR(1 g) = 0.186 mW/g; SAR(10 g) = 0.120 mW/g

Maximum value of SAR (measured) = 0.200 mW/g



0 dB = 0.200mW/g

#23 GSM1900_Left Cheek_Ch512

DUT: 052102

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

Medium: HSL_1900_100526 Medium parameters used: $f = 1850.2$ MHz; $\sigma = 1.36$ mho/m; $\epsilon_r = 38.5$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.3 ; Liquid Temperature : 21.3

DASY5 Configuration:

- Probe: ET3DV6 - SN1788; ConvF(5.11, 5.11, 5.11); Calibrated: 2009/9/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2009/9/18
- Phantom: SAM-Back; Type: QD 000 P40 C; Serial: TP-1383
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

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

Maximum value of SAR (interpolated) = 0.495 mW/g

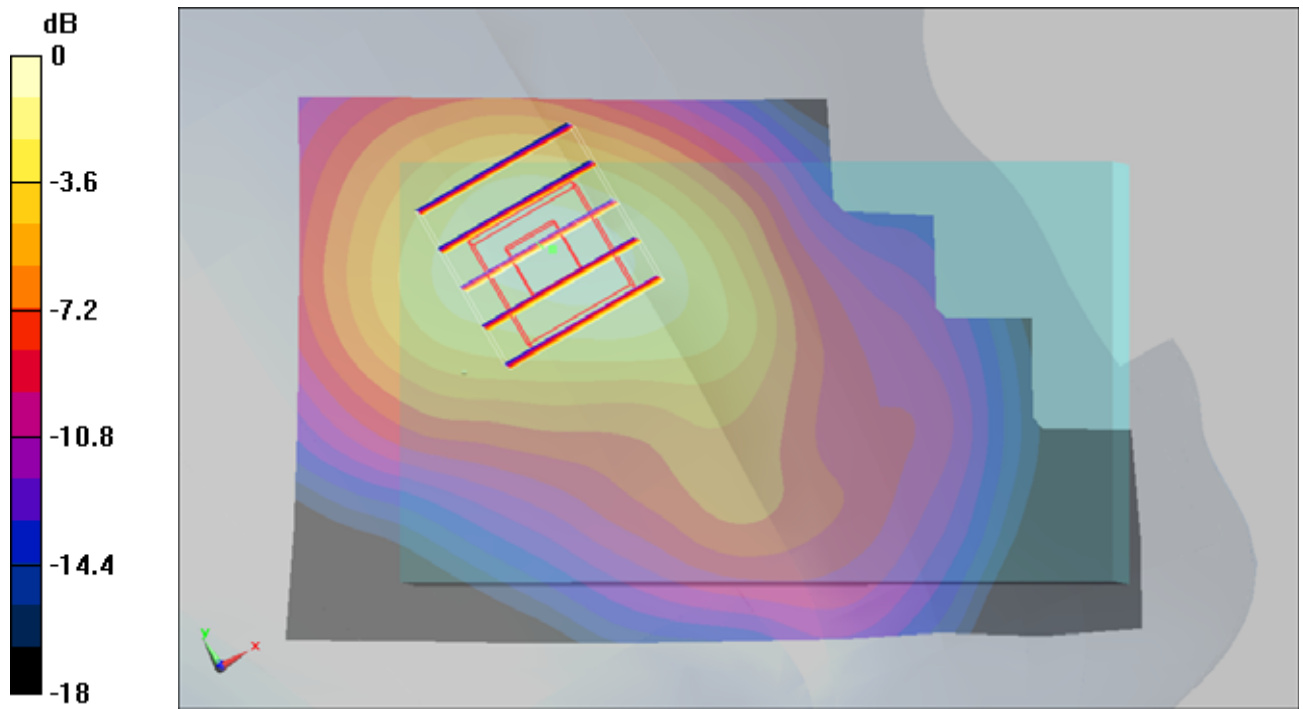
Ch512/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 12.6 V/m; Power Drift = -0.041 dB

Peak SAR (extrapolated) = 0.774 W/kg

SAR(1 g) = 0.483 mW/g; SAR(10 g) = 0.282 mW/g

Maximum value of SAR (measured) = 0.535 mW/g



0 dB = 0.535mW/g

#23 GSM1900_Left Cheek_Ch512_2D

DUT: 052102

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

Medium: HSL_1900_100526 Medium parameters used: $f = 1850.2$ MHz; $\sigma = 1.36$ mho/m; $\epsilon_r = 38.5$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.3 ; Liquid Temperature : 21.3

DASY5 Configuration:

- Probe: ET3DV6 - SN1788; ConvF(5.11, 5.11, 5.11); Calibrated: 2009/9/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2009/9/18
- Phantom: SAM-Back; Type: QD 000 P40 C; Serial: TP-1383
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

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

Maximum value of SAR (interpolated) = 0.495 mW/g

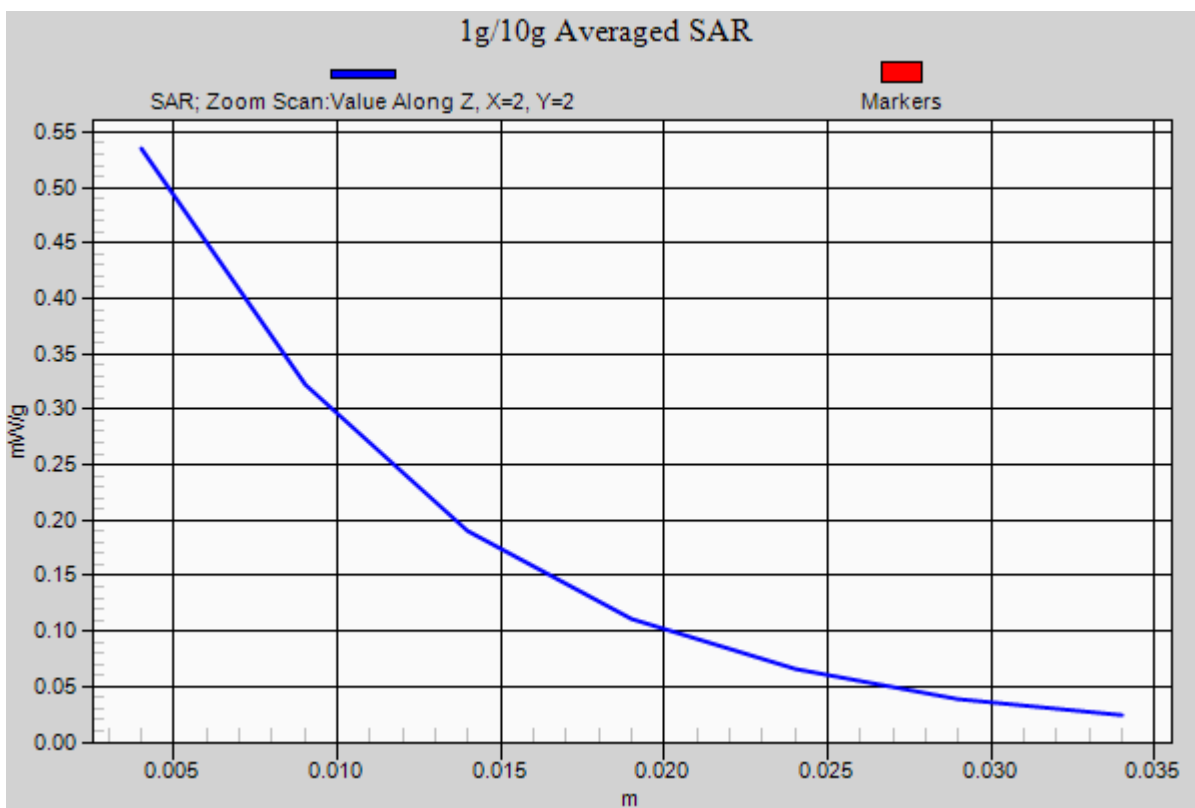
Ch512/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 12.6 V/m; Power Drift = -0.041 dB

Peak SAR (extrapolated) = 0.774 W/kg

SAR(1 g) = 0.483 mW/g; SAR(10 g) = 0.282 mW/g

Maximum value of SAR (measured) = 0.535 mW/g



#22 GSM1900_Left Tilted_Ch661

DUT: 052102

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

Medium: HSL_1900_100526 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.39$ mho/m; $\epsilon_r = 38.4$; $\rho = 1000$

kg/m³

Ambient Temperature : 22.6 ; Liquid Temperature : 21.3

DASY5 Configuration:

- Probe: ET3DV6 - SN1788; ConvF(5.11, 5.11, 5.11); Calibrated: 2009/9/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2009/9/18
- Phantom: SAM-Back; Type: QD 000 P40 C; Serial: TP-1383
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

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

Maximum value of SAR (interpolated) = 0.319 mW/g

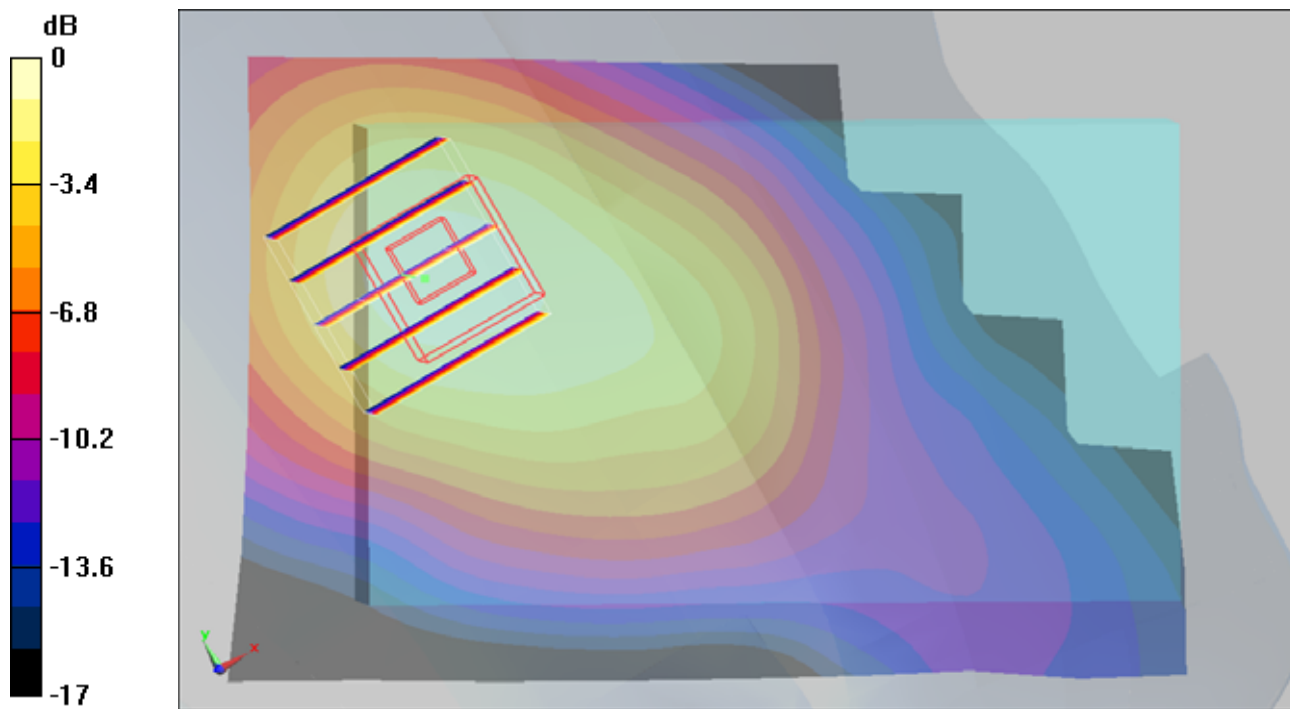
Ch661/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 13.1 V/m; Power Drift = 0.049 dB

Peak SAR (extrapolated) = 0.531 W/kg

SAR(1 g) = 0.318 mW/g; SAR(10 g) = 0.184 mW/g

Maximum value of SAR (measured) = 0.344 mW/g



0 dB = 0.344mW/g

#12 WCDMA V_RMC12.2K_Right Cheek_Ch4233

DUT: 052102

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

Medium: HSL_850_100526 Medium parameters used: $f = 847$ MHz; $\sigma = 0.896$ mho/m; $\epsilon_r = 41.9$; $\rho = 1000$

kg/m³

Ambient Temperature : 23.0 ; Liquid Temperature : 21.7

DASY5 Configuration:

- Probe: ET3DV6 - SN1788; ConvF(6.3, 6.3, 6.3); Calibrated: 2009/9/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2009/9/18
- Phantom: SAM - Front; Type: SAM; Serial: TP-1446
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

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

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

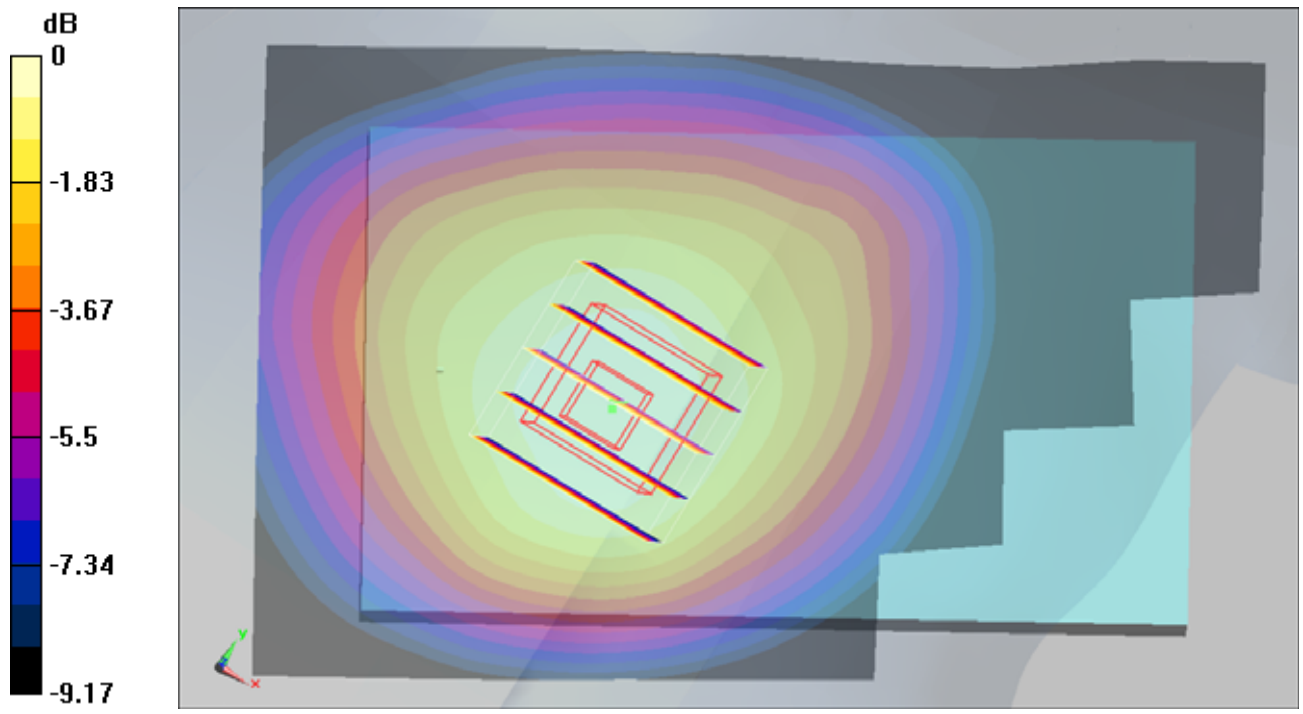
Ch4233/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 18.6 V/m; Power Drift = 0.010 dB

Peak SAR (extrapolated) = 0.485 W/kg

SAR(1 g) = 0.403 mW/g; SAR(10 g) = 0.307 mW/g

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



0 dB = 0.426mW/g

#12 WCDMA V_RMC12.2K_Right Cheek_Ch4233_2D

DUT: 052102

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

Medium: HSL_850_100526 Medium parameters used: $f = 847$ MHz; $\sigma = 0.896$ mho/m; $\epsilon_r = 41.9$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.0 ; Liquid Temperature : 21.7

DASY5 Configuration:

- Probe: ET3DV6 - SN1788; ConvF(6.3, 6.3, 6.3); Calibrated: 2009/9/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2009/9/18
- Phantom: SAM - Front; Type: SAM; Serial: TP-1446
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

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

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

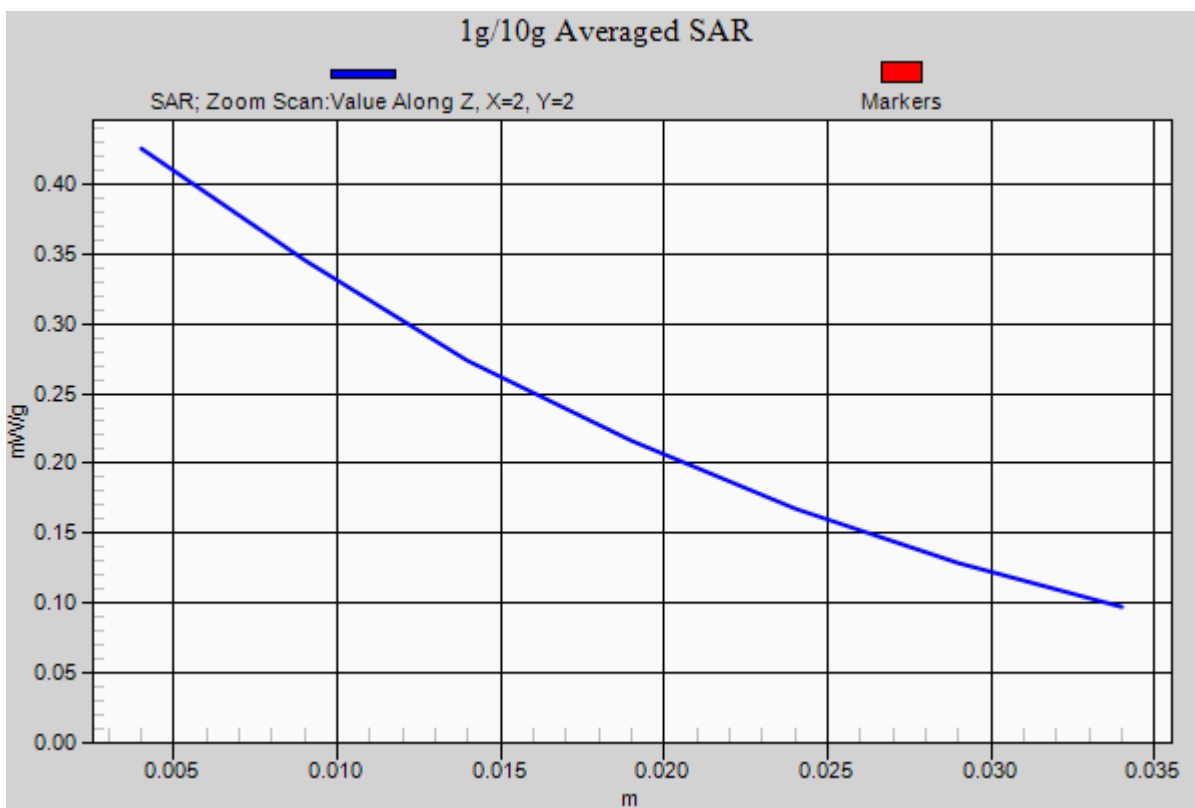
Ch4233/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 18.6 V/m; Power Drift = 0.010 dB

Peak SAR (extrapolated) = 0.485 W/kg

SAR(1 g) = 0.403 mW/g; SAR(10 g) = 0.307 mW/g

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



#08 WCDMA V_RMC12.2K_Right Tilted_Ch4182

DUT: 052102

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

Medium: HSL_850_100526 Medium parameters used : $f = 836.4$ MHz; $\sigma = 0.887$ mho/m; $\epsilon_r = 42$; $\rho = 1000$

kg/m³

Ambient Temperature : 23.0 ; Liquid Temperature : 21.7

DASY5 Configuration:

- Probe: ET3DV6 - SN1788; ConvF(6.3, 6.3, 6.3); Calibrated: 2009/9/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2009/9/18
- Phantom: SAM - Front; Type: SAM; Serial: TP-1446
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

Ch4182/Area Scan (51x81x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.264 mW/g

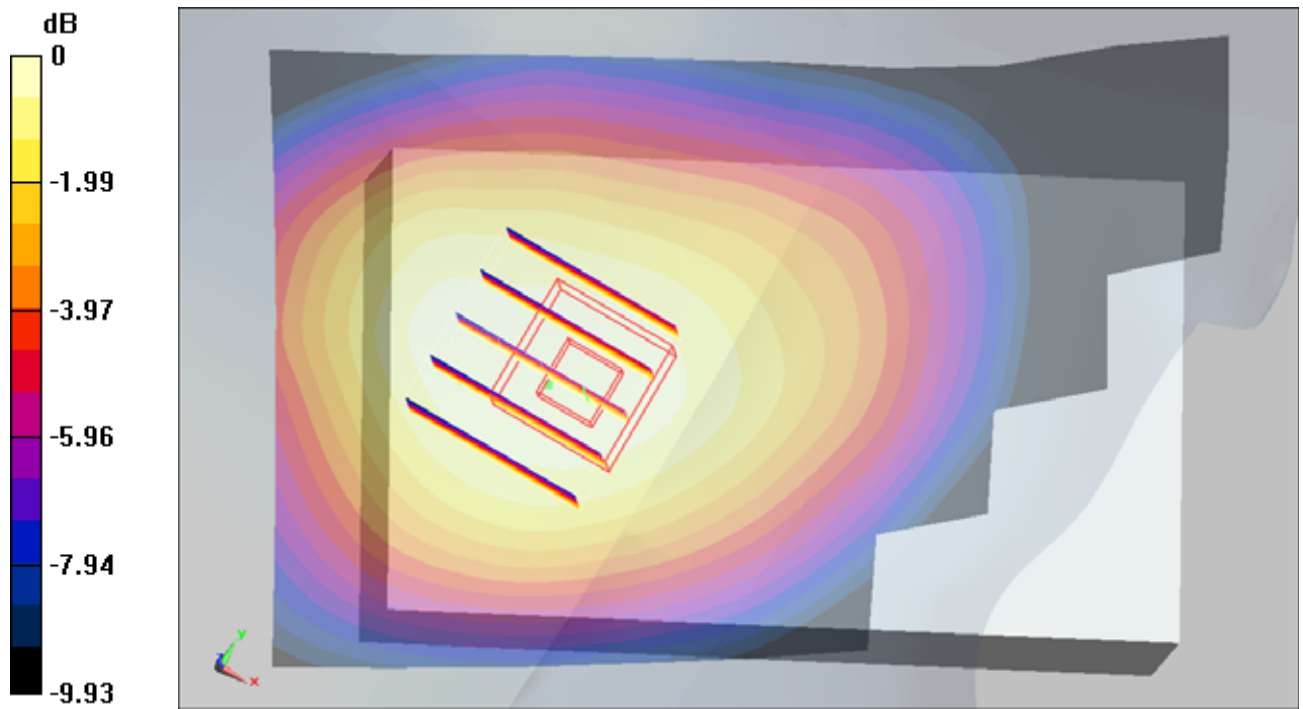
Ch4182/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 17.1 V/m; Power Drift = -0.032 dB

Peak SAR (extrapolated) = 0.324 W/kg

SAR(1 g) = 0.249 mW/g; SAR(10 g) = 0.189 mW/g

Maximum value of SAR (measured) = 0.261 mW/g



0 dB = 0.261mW/g

#09 WCDMA V_RMC12.2K_Left Cheek_Ch4182

DUT: 052102

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

Medium: HSL_850_100526 Medium parameters used : $f = 836.4$ MHz; $\sigma = 0.887$ mho/m; $\epsilon_r = 42$; $\rho = 1000$

kg/m³

Ambient Temperature : 23.0 ; Liquid Temperature : 21.7

DASY5 Configuration:

- Probe: ET3DV6 - SN1788; ConvF(6.3, 6.3, 6.3); Calibrated: 2009/9/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2009/9/18
- Phantom: SAM - Front; Type: SAM; Serial: TP-1446
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

Ch4182/Area Scan (51x81x1): Measurement grid: dx=20mm, dy=20mm

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

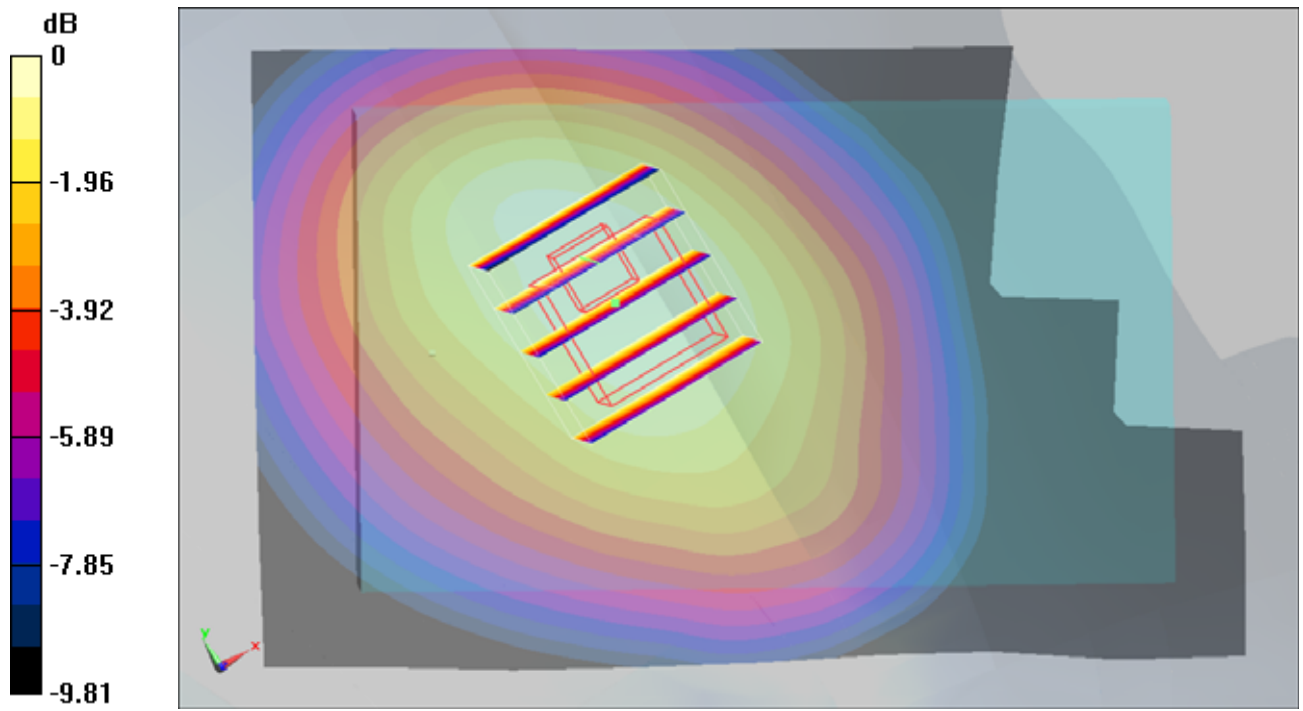
Ch4182/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 15.9 V/m; Power Drift = 0.049 dB

Peak SAR (extrapolated) = 0.433 W/kg

SAR(1 g) = 0.329 mW/g; SAR(10 g) = 0.246 mW/g

Maximum value of SAR (measured) = 0.354 mW/g



0 dB = 0.354mW/g

#10 WCDMA V_RMC12.2K_Left Tilted_Ch4182

DUT: 052102

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

Medium: HSL_850_100526 Medium parameters used : $f = 836.4$ MHz; $\sigma = 0.887$ mho/m; $\epsilon_r = 42$; $\rho = 1000$

kg/m³

Ambient Temperature : 23.0 ; Liquid Temperature : 21.7

DASY5 Configuration:

- Probe: ET3DV6 - SN1788; ConvF(6.3, 6.3, 6.3); Calibrated: 2009/9/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2009/9/18
- Phantom: SAM - Front; Type: SAM; Serial: TP-1446
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

Ch4182/Area Scan (51x81x1): Measurement grid: dx=20mm, dy=20mm

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

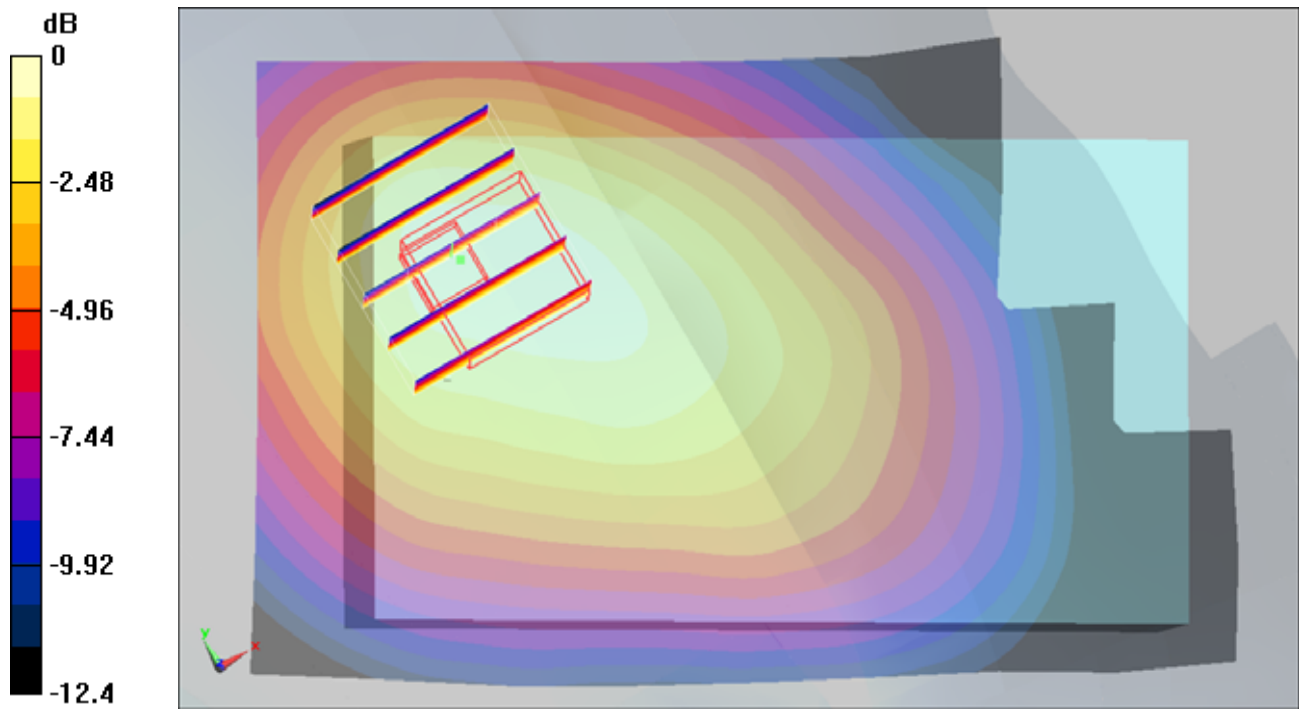
Ch4182/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 16.1 V/m; Power Drift = 0.017 dB

Peak SAR (extrapolated) = 0.394 W/kg

SAR(1 g) = 0.261 mW/g; SAR(10 g) = 0.178 mW/g

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



0 dB = 0.281mW/g

#13 WCDMA II_RMC12.2K_Right Cheek_Ch9400

DUT: 052102

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

Medium: HSL_1900_100526 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.39$ mho/m; $\epsilon_r = 38.4$; $\rho = 1000$

kg/m³

Ambient Temperature : 22.3 ; Liquid Temperature : 21.3

DASY5 Configuration:

- Probe: ET3DV6 - SN1788; ConvF(5.11, 5.11, 5.11); Calibrated: 2009/9/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2009/9/18
- Phantom: SAM-Back; Type: QD 000 P40 C; Serial: TP-1383
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

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

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

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

Reference Value = 16.2 V/m; Power Drift = -0.00998 dB

Peak SAR (extrapolated) = 0.726 W/kg

SAR(1 g) = 0.505 mW/g; SAR(10 g) = 0.325 mW/g

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

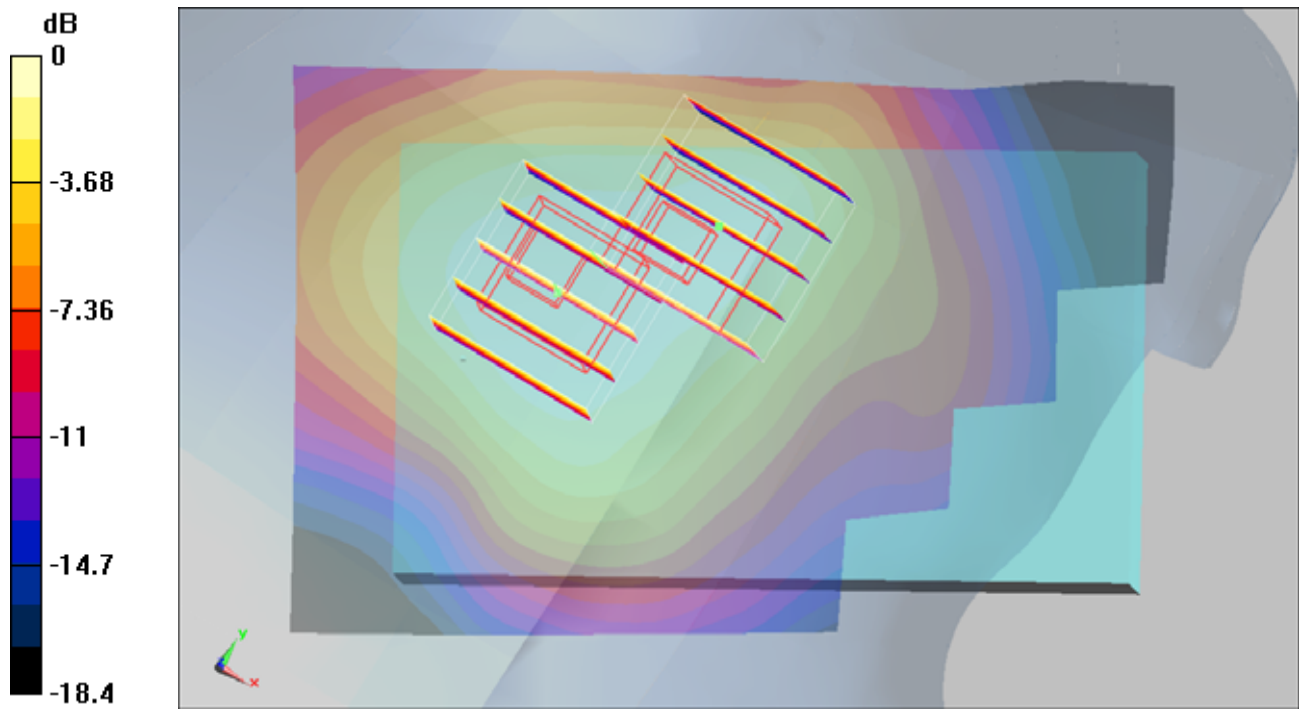
Ch9400/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 16.2 V/m; Power Drift = -0.00998 dB

Peak SAR (extrapolated) = 0.745 W/kg

SAR(1 g) = 0.486 mW/g; SAR(10 g) = 0.301 mW/g

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



0 dB = 0.527mW/g

#14 WCDMA II_RMC12.2K_Right Tilted_Ch9400

DUT: 052102

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

Medium: HSL_1900_100526 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.39$ mho/m; $\epsilon_r = 38.4$; $\rho = 1000$

kg/m³

Ambient Temperature : 22.3 ; Liquid Temperature : 21.3

DASY5 Configuration:

- Probe: ET3DV6 - SN1788; ConvF(5.11, 5.11, 5.11); Calibrated: 2009/9/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2009/9/18
- Phantom: SAM-Back; Type: QD 000 P40 C; Serial: TP-1383
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

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

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

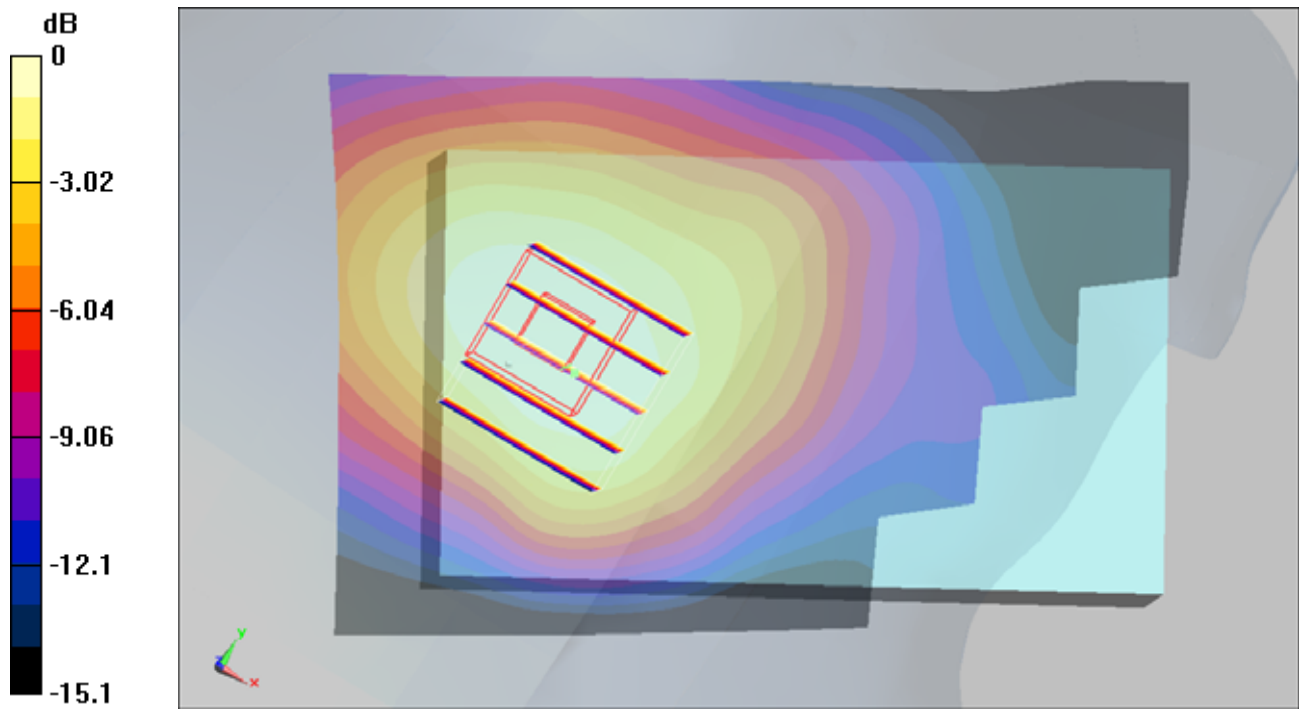
Ch9400/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 18.7 V/m; Power Drift = 0.018 dB

Peak SAR (extrapolated) = 0.669 W/kg

SAR(1 g) = 0.461 mW/g; SAR(10 g) = 0.300 mW/g

Maximum value of SAR (measured) = 0.491 mW/g



0 dB = 0.491mW/g

#17 WCDMA II_RMC12.2K_Left Cheek_Ch9262

DUT: 052102

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

Medium: HSL_1900_100526 Medium parameters used: $f = 1852.4$ MHz; $\sigma = 1.37$ mho/m; $\epsilon_r = 38.5$; $\rho = 1000$

kg/m³

Ambient Temperature : 22.4 ; Liquid Temperature : 21.3

DASY5 Configuration:

- Probe: ET3DV6 - SN1788; ConvF(5.11, 5.11, 5.11); Calibrated: 2009/9/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2009/9/18
- Phantom: SAM-Back; Type: QD 000 P40 C; Serial: TP-1383
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

Ch9262/Area Scan (51x81x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.917 mW/g

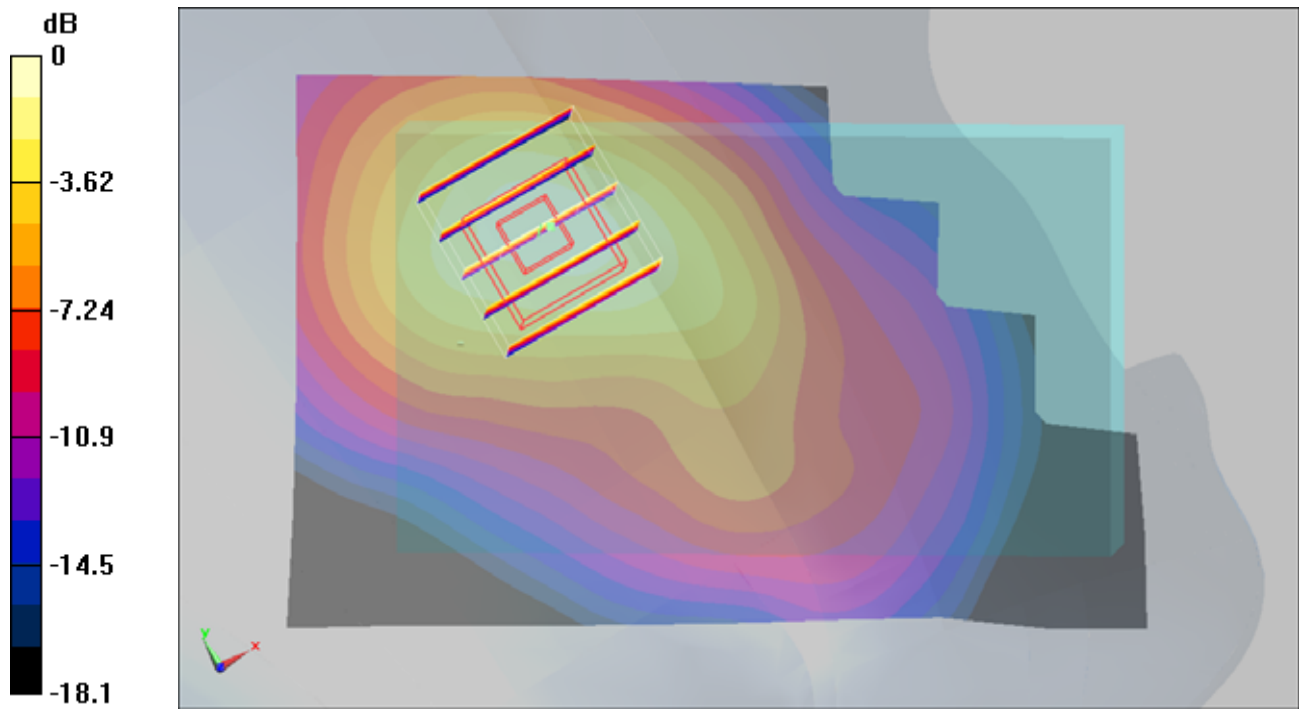
Ch9262/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 16.8 V/m; Power Drift = 0.155 dB

Peak SAR (extrapolated) = 1.45 W/kg

SAR(1 g) = 0.909 mW/g; SAR(10 g) = 0.530 mW/g

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



0 dB = 1.01mW/g

#17 WCDMA II_RMC12.2K_Left Cheek_Ch9262_2D

DUT: 052102

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

Medium: HSL_1900_100526 Medium parameters used: $f = 1852.4$ MHz; $\sigma = 1.37$ mho/m; $\epsilon_r = 38.5$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.4 ; Liquid Temperature : 21.3

DASY5 Configuration:

- Probe: ET3DV6 - SN1788; ConvF(5.11, 5.11, 5.11); Calibrated: 2009/9/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2009/9/18
- Phantom: SAM-Back; Type: QD 000 P40 C; Serial: TP-1383
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

Ch9262/Area Scan (51x81x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.917 mW/g

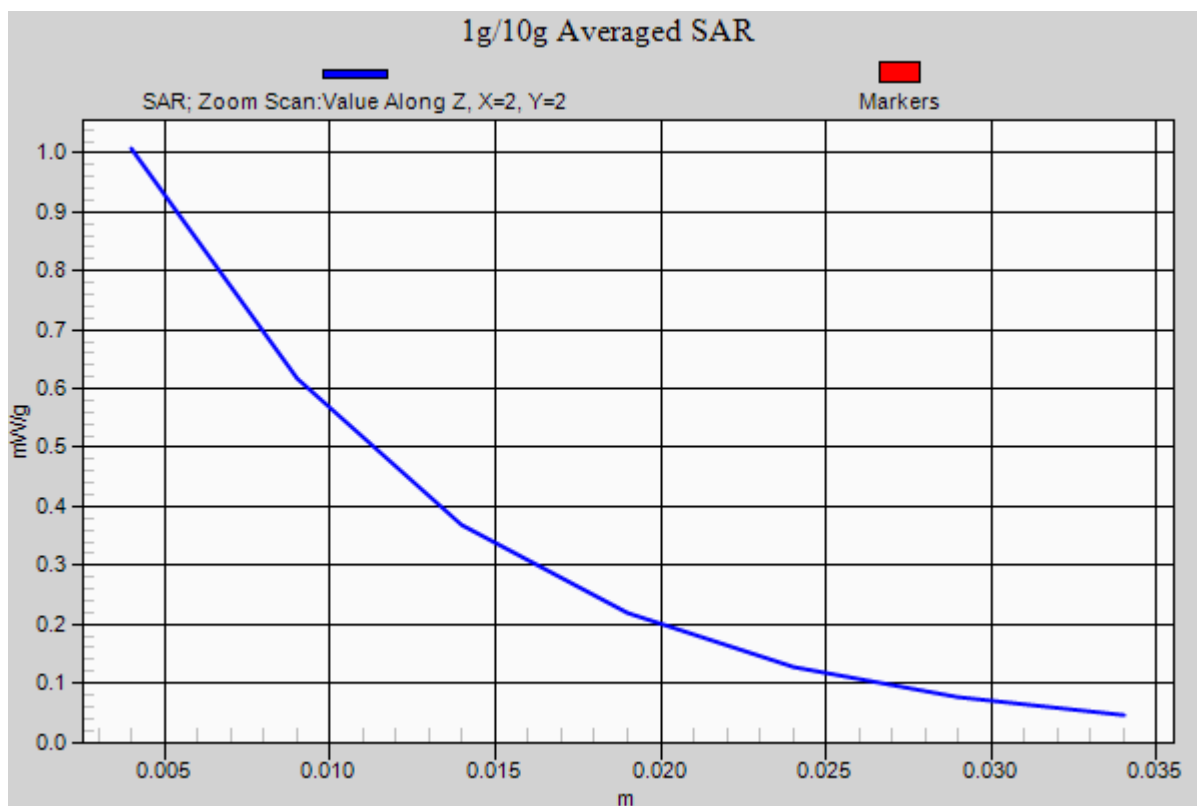
Ch9262/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 16.8 V/m; Power Drift = 0.155 dB

Peak SAR (extrapolated) = 1.45 W/kg

SAR(1 g) = 0.909 mW/g; SAR(10 g) = 0.530 mW/g

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



#16 WCDMA II_RMC12.2K_Left Tilted_Ch9400

DUT: 052102

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

Medium: HSL_1900_100526 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.39$ mho/m; $\epsilon_r = 38.4$; $\rho = 1000$

kg/m³

Ambient Temperature : 22.2 ; Liquid Temperature : 21.3

DASY5 Configuration:

- Probe: ET3DV6 - SN1788; ConvF(5.11, 5.11, 5.11); Calibrated: 2009/9/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2009/9/18
- Phantom: SAM-Back; Type: QD 000 P40 C; Serial: TP-1383
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

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

Maximum value of SAR (interpolated) = 0.673 mW/g

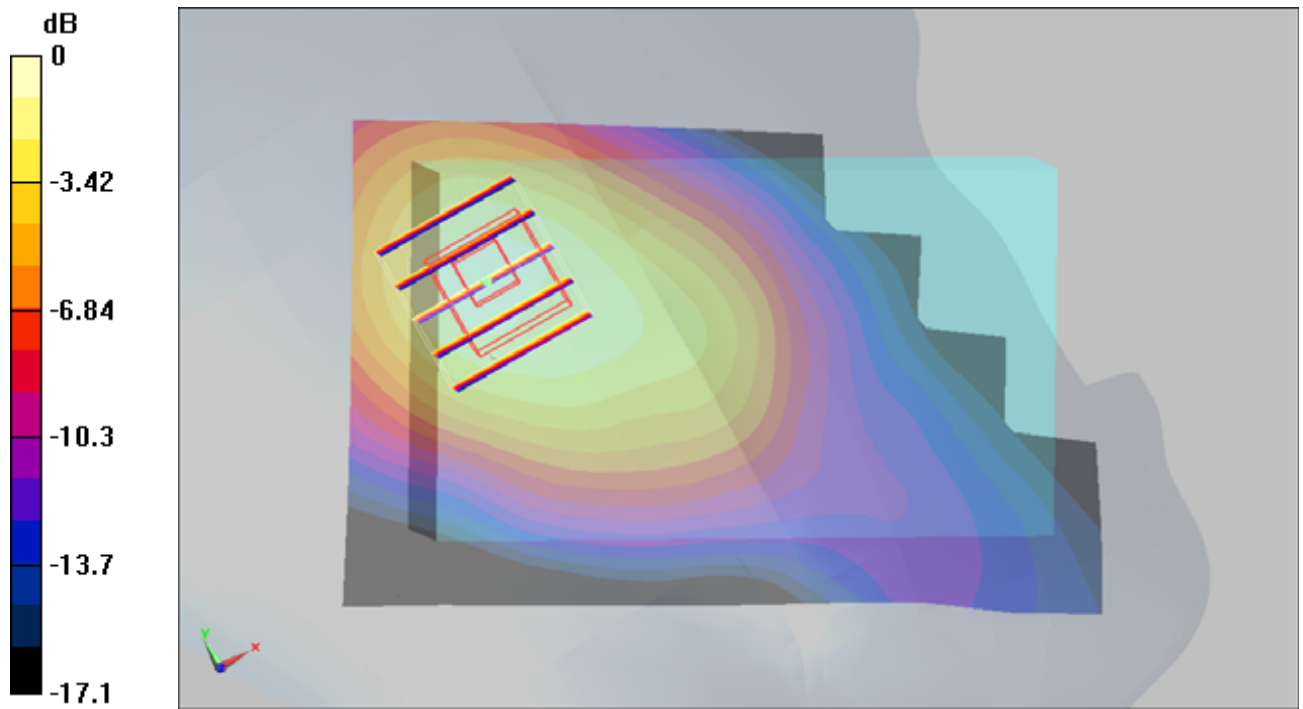
Ch9400/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 19.1 V/m; Power Drift = 0.099 dB

Peak SAR (extrapolated) = 1.12 W/kg

SAR(1 g) = 0.673 mW/g; SAR(10 g) = 0.390 mW/g

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



0 dB = 0.744mW/g

#31 GSM850_GPRS10_Bottom_1.5cm_Ch251

DUT: 052102

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

Medium: MSL_850_100610 Medium parameters used: $f = 849$ MHz; $\sigma = 0.975$ mho/m; $\epsilon_r = 54.4$; $\rho = 1000$

kg/m³

Ambient Temperature : 22.6 ; Liquid Temperature : 21.5

DASY5 Configuration:

- Probe: ET3DV6 - SN1788; ConvF(6.08, 6.08, 6.08); Calibrated: 2009/9/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2009/9/18
- Phantom: SAM - Front; Type: SAM; Serial: TP-1446
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

Ch251/Area Scan (61x81x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.505 mW/g

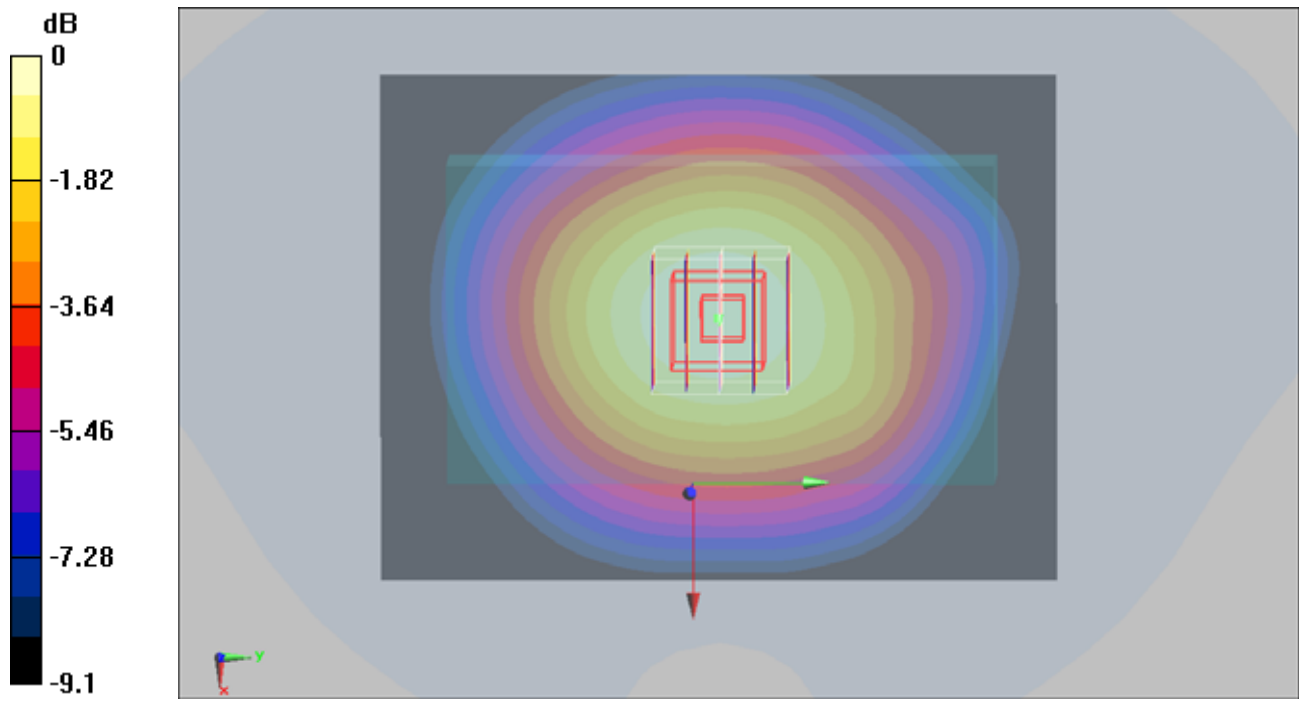
Ch251/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 23.7 V/m; Power Drift = -0.084 dB

Peak SAR (extrapolated) = 0.606 W/kg

SAR(1 g) = 0.473 mW/g; SAR(10 g) = 0.349 mW/g

Maximum value of SAR (measured) = 0.501 mW/g



0 dB = 0.501mW/g

#31 GSM850_GPRS10_Bottom_1.5cm_Ch251_2D

DUT: 052102

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

Medium: MSL_850_100610 Medium parameters used: $f = 849$ MHz; $\sigma = 0.975$ mho/m; $\epsilon_r = 54.4$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.6 ; Liquid Temperature : 21.5

DASY5 Configuration:

- Probe: ET3DV6 - SN1788; ConvF(6.08, 6.08, 6.08); Calibrated: 2009/9/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2009/9/18
- Phantom: SAM - Front; Type: SAM; Serial: TP-1446
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

Ch251/Area Scan (61x81x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.505 mW/g

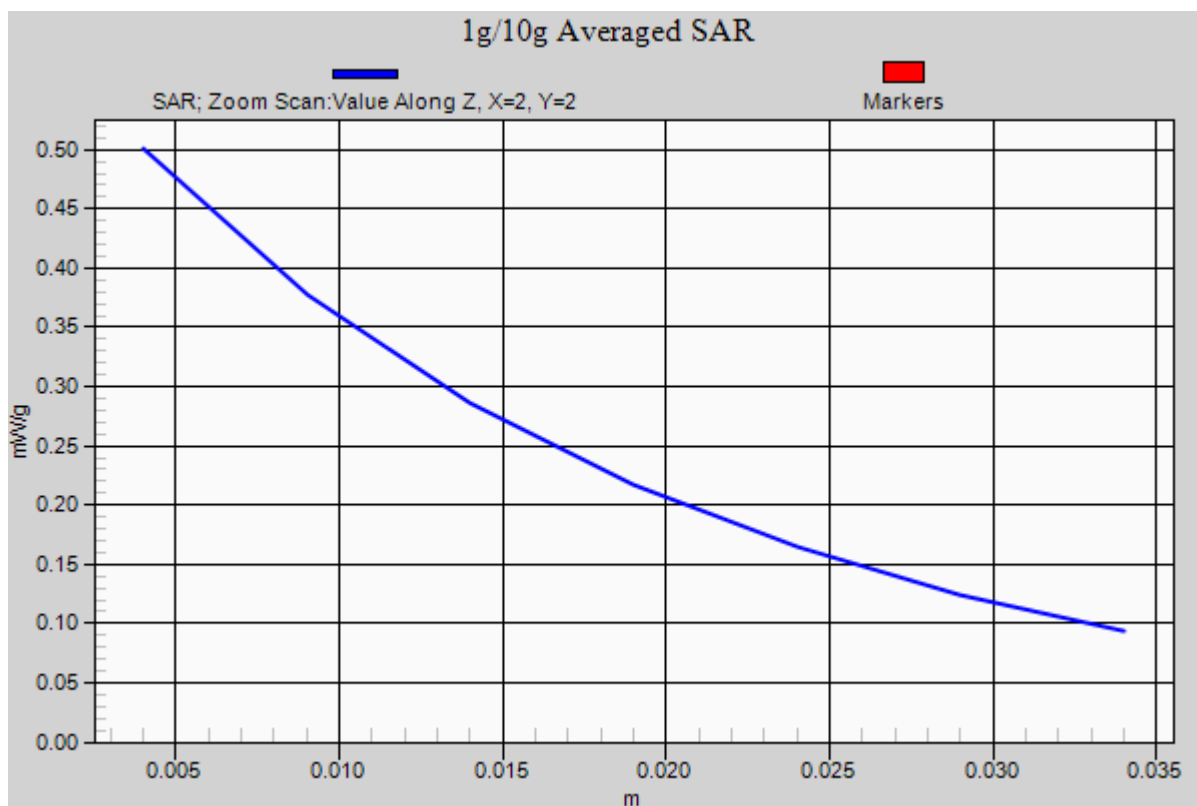
Ch251/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 23.7 V/m; Power Drift = -0.084 dB

Peak SAR (extrapolated) = 0.606 W/kg

SAR(1 g) = 0.473 mW/g; SAR(10 g) = 0.349 mW/g

Maximum value of SAR (measured) = 0.501 mW/g



#33 GSM1900_GPRS10_Bottom_1.5cm_Ch661

DUT: 052102

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

Medium: MSL_1900_100610 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.5$ mho/m; $\epsilon_r = 53.7$; $\rho = 1000$

kg/m³

Ambient Temperature : 22.4 ; Liquid Temperature : 21.3

DASY5 Configuration:

- Probe: ET3DV6 - SN1788; ConvF(4.52, 4.52, 4.52); Calibrated: 2009/9/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2009/9/18
- Phantom: SAM-Back; Type: QD 000 P40 C; Serial: TP-1383
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

Ch661/Area Scan (61x81x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.275 mW/g

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

Reference Value = 11.5 V/m; Power Drift = 0.083 dB

Peak SAR (extrapolated) = 0.350 W/kg

SAR(1 g) = 0.249 mW/g; SAR(10 g) = 0.154 mW/g

Maximum value of SAR (measured) = 0.272 mW/g

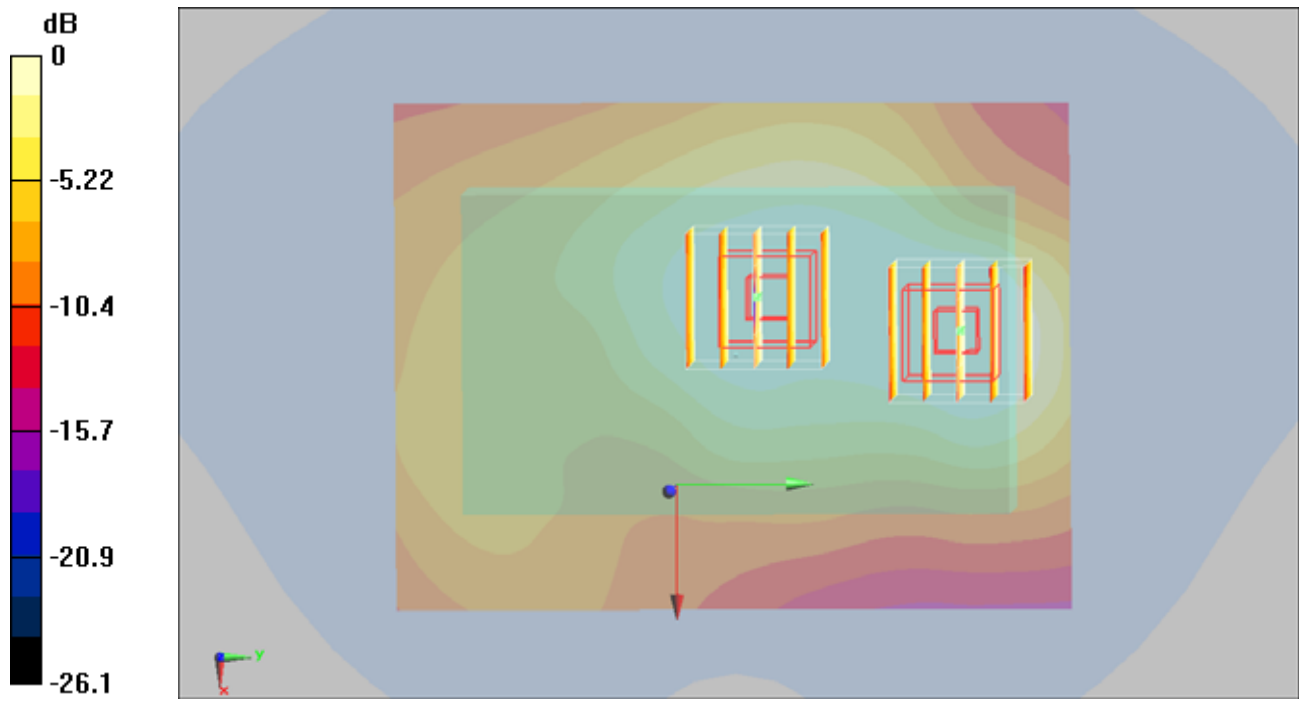
Ch661/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 11.5 V/m; Power Drift = 0.083 dB

Peak SAR (extrapolated) = 0.238 W/kg

SAR(1 g) = 0.184 mW/g; SAR(10 g) = 0.126 mW/g

Maximum value of SAR (measured) = 0.196 mW/g



0 dB = 0.196mW/g

#33 GSM1900_GPRS10_Bottom_1.5cm_Ch661_2D

DUT: 052102

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

Medium: MSL_1900_100610 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.5$ mho/m; $\epsilon_r = 53.7$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.4 ; Liquid Temperature : 21.3

DASY5 Configuration:

- Probe: ET3DV6 - SN1788; ConvF(4.52, 4.52, 4.52); Calibrated: 2009/9/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2009/9/18
- Phantom: SAM-Back; Type: QD 000 P40 C; Serial: TP-1383
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

Ch661/Area Scan (61x81x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.275 mW/g

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

Reference Value = 11.5 V/m; Power Drift = 0.083 dB

Peak SAR (extrapolated) = 0.350 W/kg

SAR(1 g) = 0.249 mW/g; SAR(10 g) = 0.154 mW/g

Maximum value of SAR (measured) = 0.272 mW/g

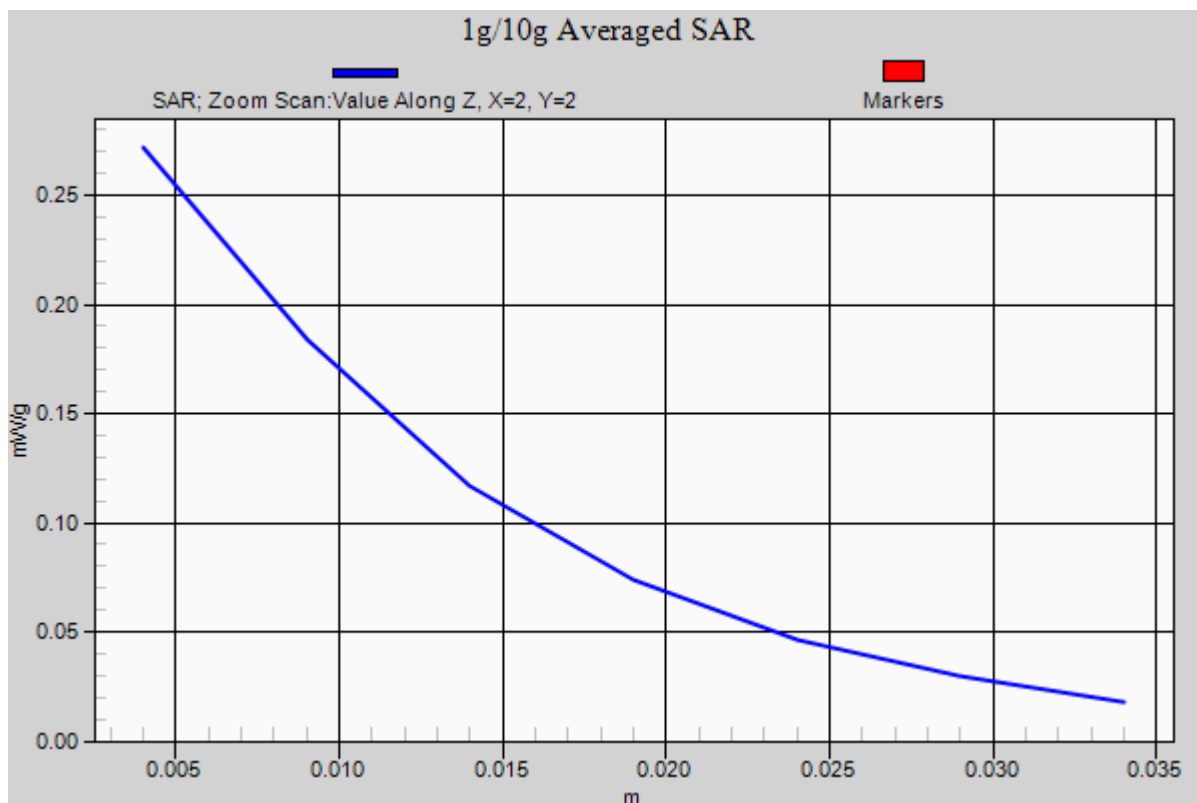
Ch661/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 11.5 V/m; Power Drift = 0.083 dB

Peak SAR (extrapolated) = 0.238 W/kg

SAR(1 g) = 0.184 mW/g; SAR(10 g) = 0.126 mW/g

Maximum value of SAR (measured) = 0.196 mW/g



#32 WCDMA V_RMC12.2K_Bottom_1.5cm_Ch4233

DUT: 052102

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

Medium: MSL_850_100610 Medium parameters used: $f = 847$ MHz; $\sigma = 0.973$ mho/m; $\epsilon_r = 54.4$; $\rho = 1000$

kg/m³

Ambient Temperature : 22.5 ; Liquid Temperature : 21.5

DASY5 Configuration:

- Probe: ET3DV6 - SN1788; ConvF(6.08, 6.08, 6.08); Calibrated: 2009/9/23

- Sensor-Surface: 4mm (Mechanical Surface Detection)

- Electronics: DAE4 Sn778; Calibrated: 2009/9/18

- Phantom: SAM - Front; Type: SAM; Serial: TP-1446

- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

Ch4233/Area Scan (61x81x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.376 mW/g

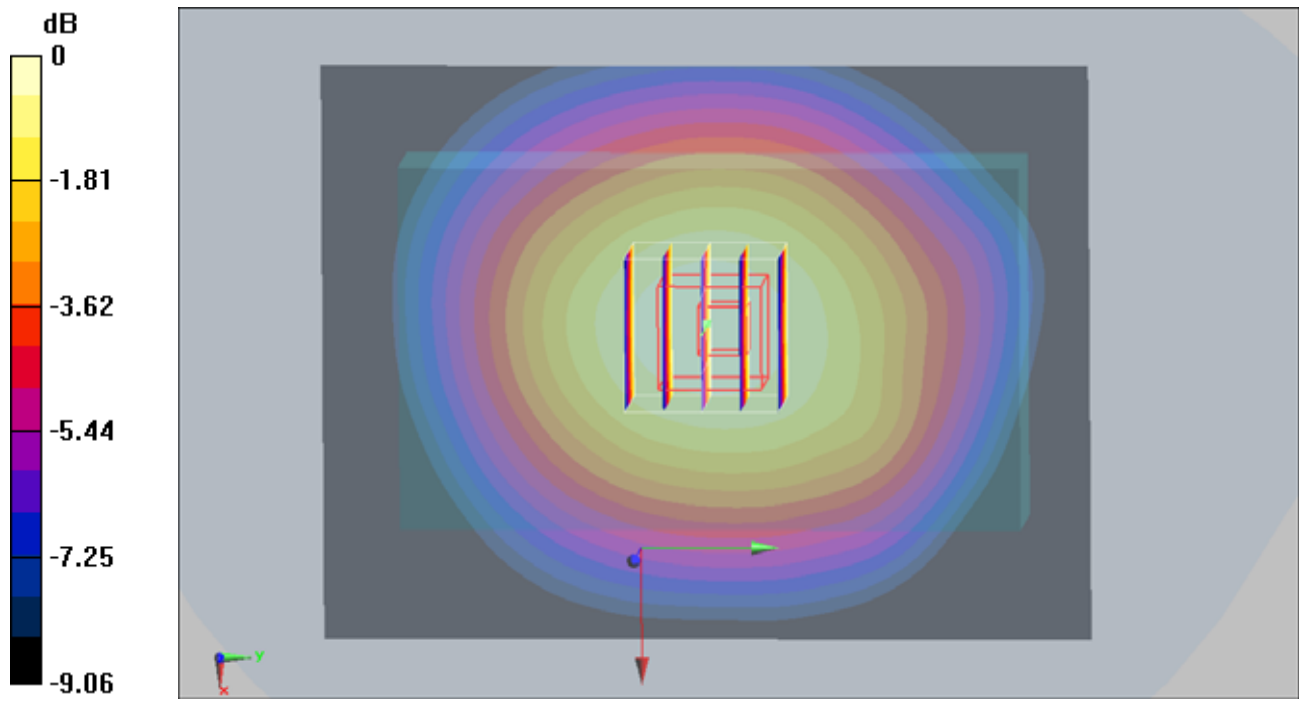
Ch4233/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 20.3 V/m; Power Drift = 0.098 dB

Peak SAR (extrapolated) = 0.467 W/kg

SAR(1 g) = 0.365 mW/g; SAR(10 g) = 0.270 mW/g

Maximum value of SAR (measured) = 0.385 mW/g



0 dB = 0.385mW/g

#32 WCDMA V_RMC12.2K_Bottom_1.5cm_Ch4233_2D

DUT: 052102

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

Medium: MSL_850_100610 Medium parameters used: $f = 847$ MHz; $\sigma = 0.973$ mho/m; $\epsilon_r = 54.4$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.5 ; Liquid Temperature : 21.5

DASY5 Configuration:

- Probe: ET3DV6 - SN1788; ConvF(6.08, 6.08, 6.08); Calibrated: 2009/9/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2009/9/18
- Phantom: SAM - Front; Type: SAM; Serial: TP-1446
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

Ch4233/Area Scan (61x81x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.376 mW/g

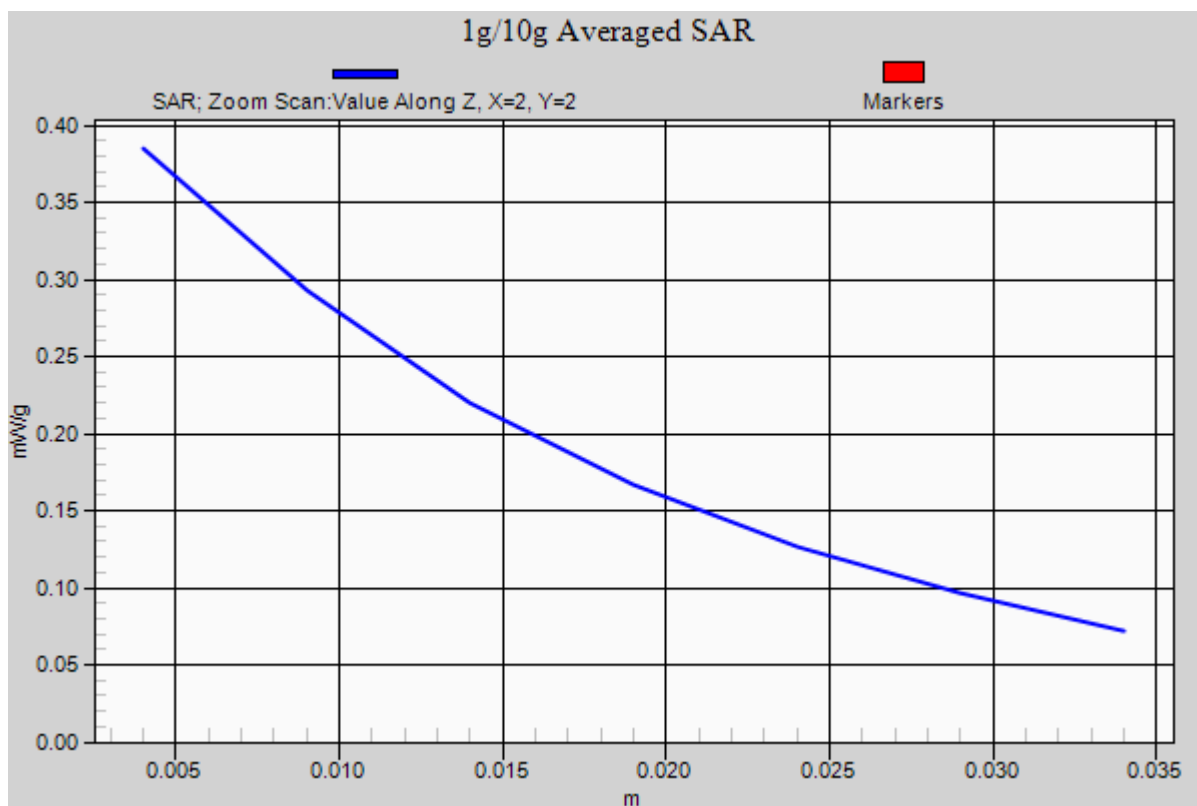
Ch4233/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 20.3 V/m; Power Drift = 0.098 dB

Peak SAR (extrapolated) = 0.467 W/kg

SAR(1 g) = 0.365 mW/g; SAR(10 g) = 0.270 mW/g

Maximum value of SAR (measured) = 0.385 mW/g



#34 WCDMA II_RMC12.2K_Bottom_1.5cm_Ch9400

DUT: 052102

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

Medium: MSL_1900_100610 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.5$ mho/m; $\epsilon_r = 53.7$; $\rho = 1000$

kg/m³

Ambient Temperature : 22.3 ; Liquid Temperature : 21.3

DASY5 Configuration:

- Probe: ET3DV6 - SN1788; ConvF(4.52, 4.52, 4.52); Calibrated: 2009/9/23

- Sensor-Surface: 4mm (Mechanical Surface Detection)

- Electronics: DAE4 Sn778; Calibrated: 2009/9/18

- Phantom: SAM-Back; Type: QD 000 P40 C; Serial: TP-1383

- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

Ch9400/Area Scan (61x81x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.462 mW/g

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

Reference Value = 14.6 V/m; Power Drift = 0.166 dB

Peak SAR (extrapolated) = 0.599 W/kg

SAR(1 g) = 0.423 mW/g; SAR(10 g) = 0.260 mW/g

Maximum value of SAR (measured) = 0.459 mW/g

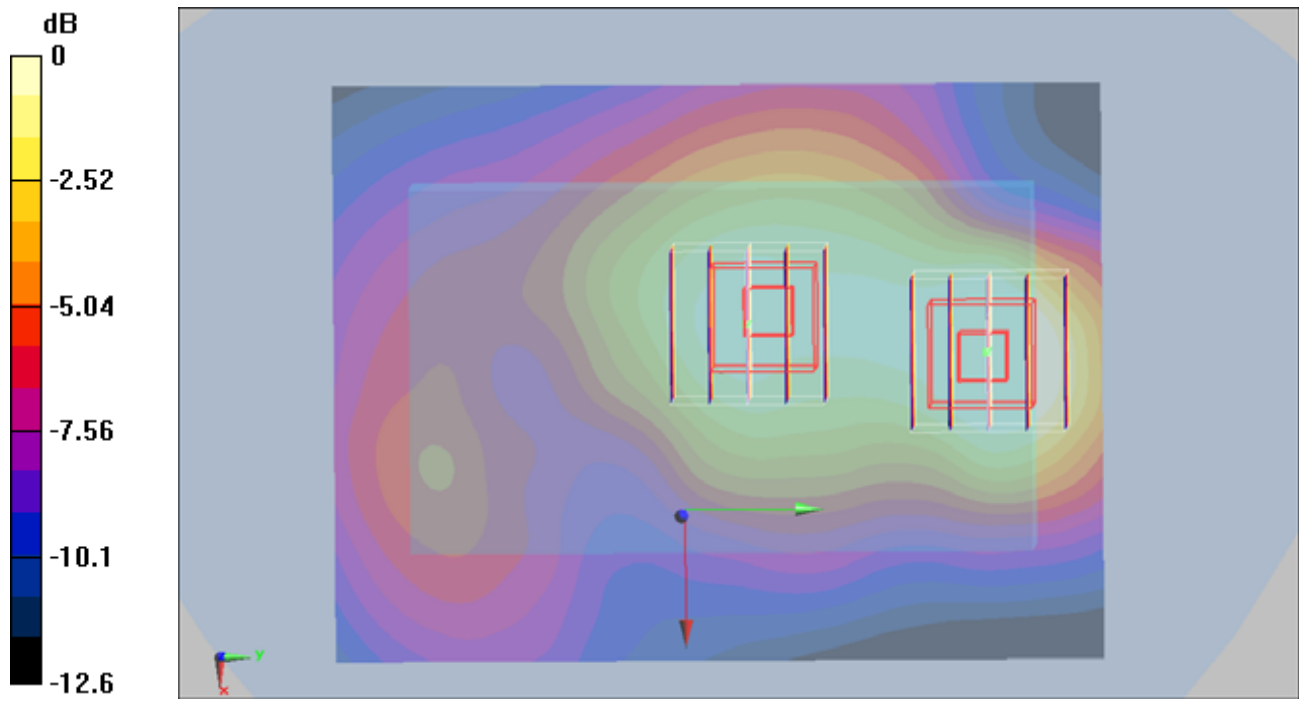
Ch9400/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 14.6 V/m; Power Drift = 0.166 dB

Peak SAR (extrapolated) = 0.404 W/kg

SAR(1 g) = 0.316 mW/g; SAR(10 g) = 0.212 mW/g

Maximum value of SAR (measured) = 0.337 mW/g



0 dB = 0.337mW/g

#34 WCDMA II_RMC12.2K_Bottom_1.5cm_Ch9400_2D

DUT: 052102

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

Medium: MSL_1900_100610 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.5$ mho/m; $\epsilon_r = 53.7$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.3 ; Liquid Temperature : 21.3

DASY5 Configuration:

- Probe: ET3DV6 - SN1788; ConvF(4.52, 4.52, 4.52); Calibrated: 2009/9/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2009/9/18
- Phantom: SAM-Back; Type: QD 000 P40 C; Serial: TP-1383
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

Ch9400/Area Scan (61x81x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.462 mW/g

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

Reference Value = 14.6 V/m; Power Drift = 0.166 dB

Peak SAR (extrapolated) = 0.599 W/kg

SAR(1 g) = 0.423 mW/g; SAR(10 g) = 0.260 mW/g

Maximum value of SAR (measured) = 0.459 mW/g

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

Reference Value = 14.6 V/m; Power Drift = 0.166 dB

Peak SAR (extrapolated) = 0.404 W/kg

SAR(1 g) = 0.316 mW/g; SAR(10 g) = 0.212 mW/g

Maximum value of SAR (measured) = 0.337 mW/g

