



Appendix A. Plots of System Performance Check

The plots are shown as follows.

System Check_Head_835MHz_101216

DUT: Dipole 835 MHz

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

Medium: HSL_850_101216 Medium parameters used: $f = 835 \text{ MHz}$; $\sigma = 0.885 \text{ mho/m}$; $\epsilon_r = 41.6$; $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature : 22.5 °C; Liquid Temperature : 21.4 °C

DASY4 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(6.21, 6.21, 6.21); Calibrated: 2010/5/18
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2010/8/18
- 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

Pin=100mW/Area Scan (61x61x1): Measurement grid: dx=15mm, dy=15mm

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

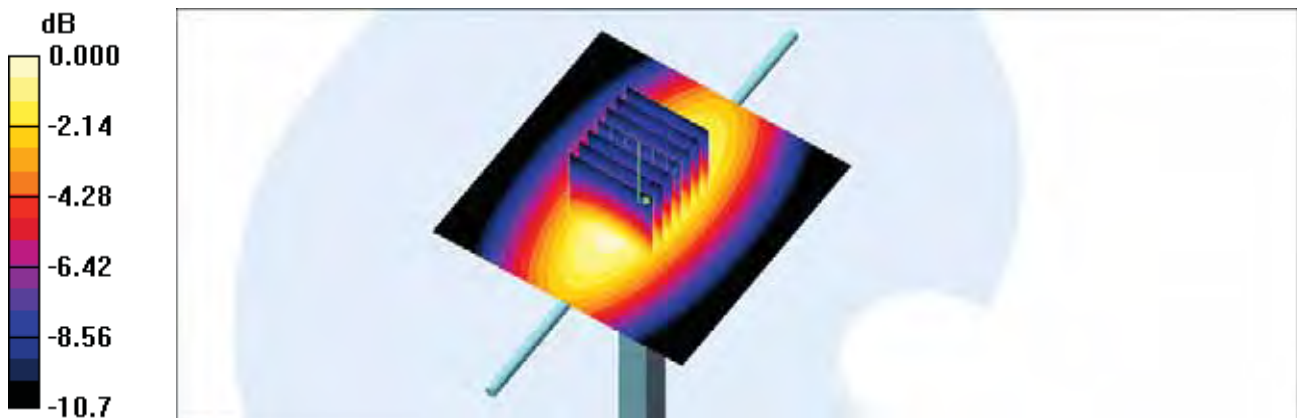
Pin=100mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 35.8 V/m; Power Drift = -0.007 dB

Peak SAR (extrapolated) = 1.42 W/kg

SAR(1 g) = 0.972 mW/g; SAR(10 g) = 0.634 mW/g

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



0 dB = 1.05mW/g

System Check_Body_835MHz_101217

DUT: Dipole 835 MHz

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

Medium: MSL_850_101217 Medium parameters used: $f = 835 \text{ MHz}$; $\sigma = 0.996 \text{ mho/m}$; $\epsilon_r = 55.4$; $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature : $22.7 \text{ }^\circ\text{C}$; Liquid Temperature : $21.2 \text{ }^\circ\text{C}$

DASY4 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(6.12, 6.12, 6.12); Calibrated: 2010/5/18
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2010/8/18
- 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

Pin=100mW/Area Scan (61x61x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Maximum value of SAR (interpolated) = 1.07 mW/g

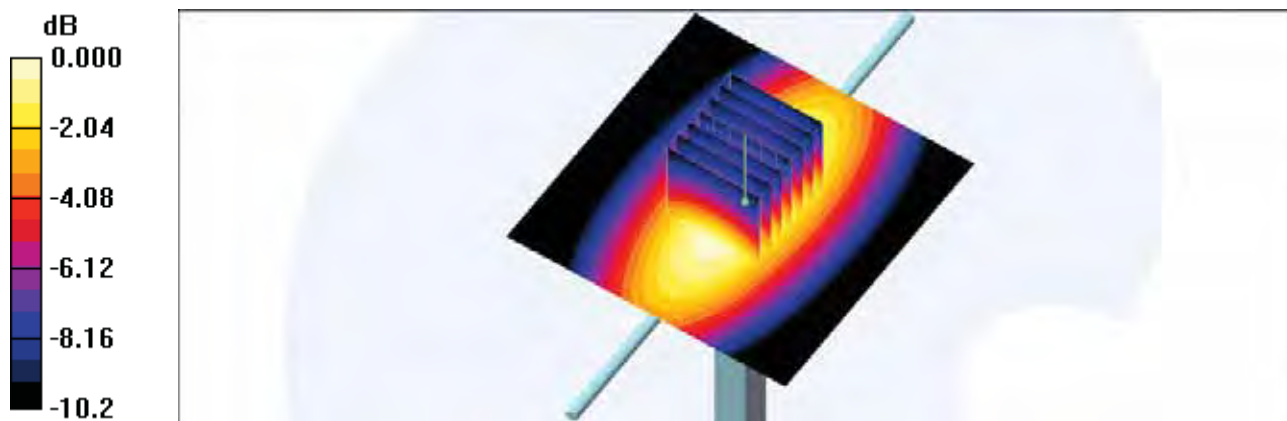
Pin=100mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

Reference Value = 34.0 V/m ; Power Drift = -0.011 dB

Peak SAR (extrapolated) = 1.42 W/kg

SAR(1 g) = 0.993 mW/g ; SAR(10 g) = 0.655 mW/g

Maximum value of SAR (measured) = 1.07 mW/g



0 dB = 1.07mW/g

System Check_Head_1900MHz_101217

DUT: Dipole 1900 MHz

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

Medium: HSL_1900_101217 Medium parameters used: $f = 1900$ MHz; $\sigma = 1.45$ mho/m; $\epsilon_r = 38.2$; $\rho = 1000$ kg/m³

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

DASY4 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(5.09, 5.09, 5.09); Calibrated: 2010/5/18
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2010/8/18
- Phantom: SAM-Left; Type: QD 000 P40 C; Serial: TP-1477
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Pin=100mW/Area Scan (61x61x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 4.53 mW/g

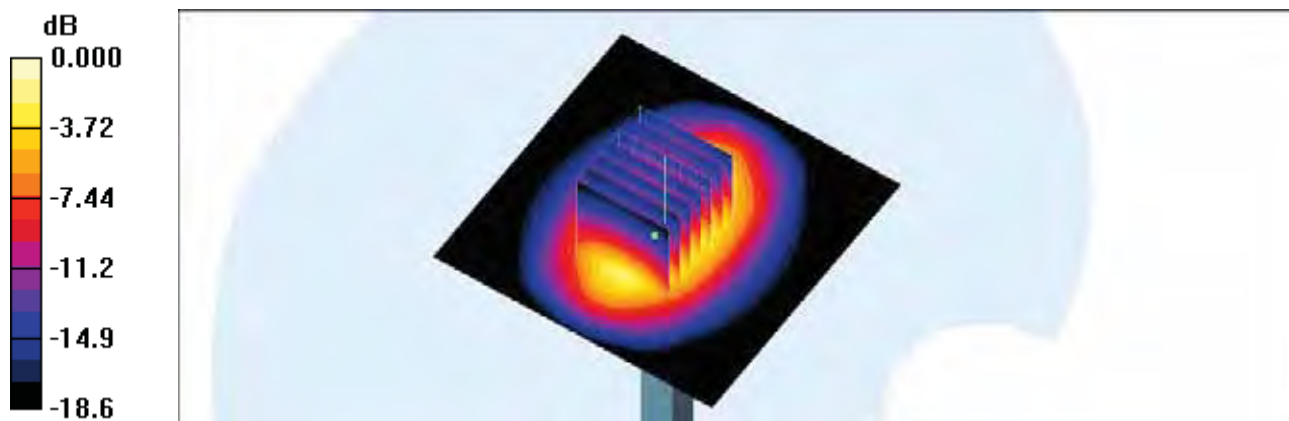
Pin=100mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 57.2 V/m; Power Drift = -0.005 dB

Peak SAR (extrapolated) = 6.54 W/kg

SAR(1 g) = 3.75 mW/g; SAR(10 g) = 1.97 mW/g

Maximum value of SAR (measured) = 4.26 mW/g



0 dB = 4.26mW/g

System Check_Body_1900MHz_101220

DUT: Dipole 1900 MHz

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

Medium: MSL_1900_101220 Medium parameters used: $f = 1900$ MHz; $\sigma = 1.5$ mho/m; $\epsilon_r = 54.8$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(4.47, 4.47, 4.47); Calibrated: 2010/5/18
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2010/8/18
- Phantom: SAM - Front; Type: SAM; Serial: TP-1446
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

Pin=100mW/Area Scan (61x61x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 4.68 mW/g

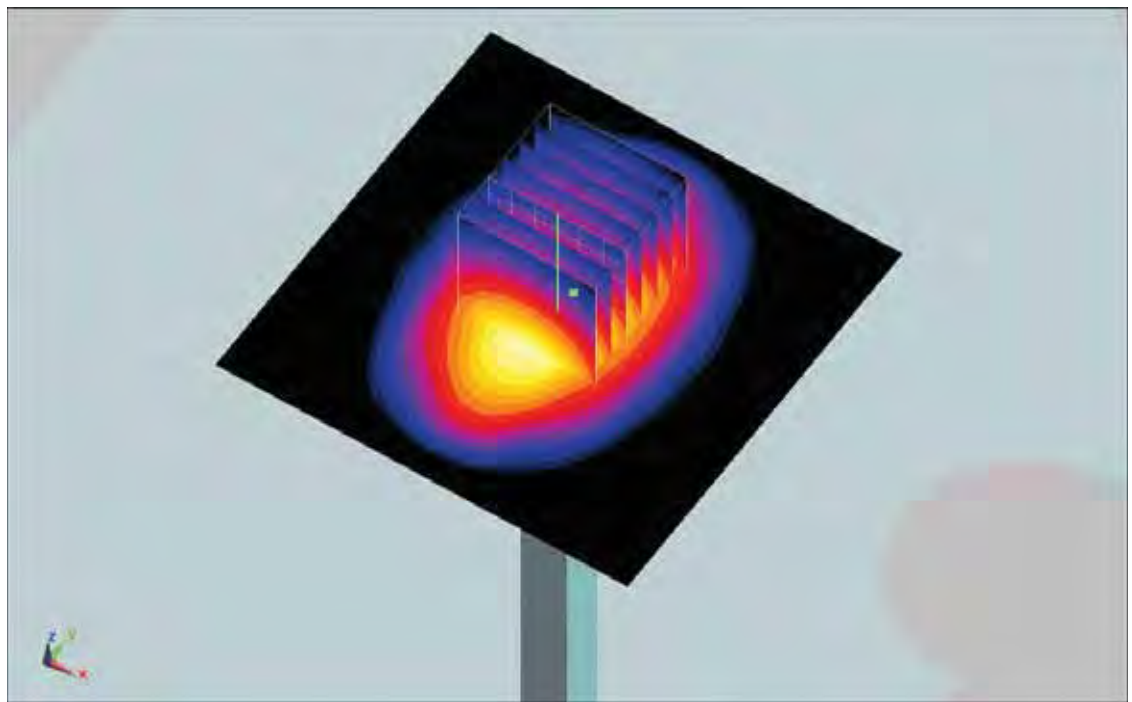
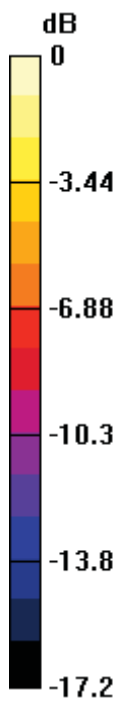
Pin=100mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 60.6 V/m; Power Drift = -0.0051 dB

Peak SAR (extrapolated) = 6.31 W/kg

SAR(1 g) = 4.01 mW/g; SAR(10 g) = 2.16 mW/g

Maximum value of SAR (measured) = 4.58 mW/g



0 dB = 4.58mW/g



Appendix B. Plots of SAR Measurement

The plots are shown as follows.

#01 GSM850_Right Cheek_Ch190_Sample1

DUT: 092829-01

Communication System: GSM850; Frequency: 836.6 MHz; Duty Cycle: 1:8.3

Medium: HSL_850_101216 Medium parameters used: $f = 837$ MHz; $\sigma = 0.886$ mho/m; $\epsilon_r = 41.5$; $\rho = 1000$ kg/m³

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

DASY4 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(6.21, 6.21, 6.21); Calibrated: 2010/5/18
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2010/8/18
- 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

Ch190/Area Scan (41x71x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.208 mW/g

Ch190/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 6.40 V/m; Power Drift = -0.079 dB

Peak SAR (extrapolated) = 0.290 W/kg

SAR(1 g) = 0.169 mW/g; SAR(10 g) = 0.123 mW/g

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

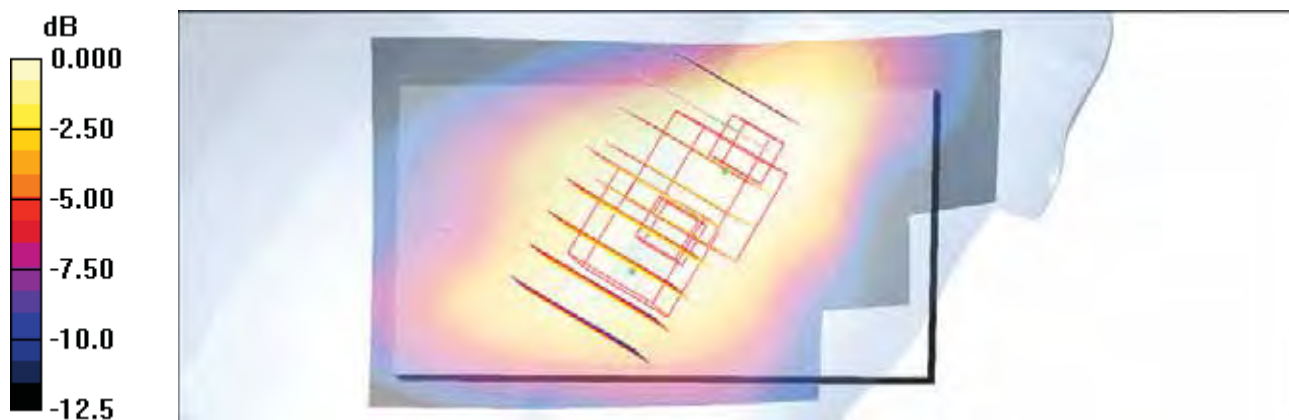
Ch190/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 6.40 V/m; Power Drift = -0.079 dB

Peak SAR (extrapolated) = 0.170 W/kg

SAR(1 g) = 0.147 mW/g; SAR(10 g) = 0.113 mW/g

Maximum value of SAR (measured) = 0.159 mW/g



0 dB = 0.159mW/g

#01 GSM850_Right Cheek_Ch190_Sample1_2D

DUT: 092829-01

Communication System: GSM850; Frequency: 836.6 MHz; Duty Cycle: 1:8.3

Medium: HSL_850_101216 Medium parameters used: $f = 837$ MHz; $\sigma = 0.886$ mho/m; $\epsilon_r = 41.5$; $\rho = 1000$ kg/m³

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

DASY4 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(6.21, 6.21, 6.21); Calibrated: 2010/5/18
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2010/8/18
- 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

Ch190/Area Scan (41x71x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.208 mW/g

Ch190/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 6.40 V/m; Power Drift = -0.079 dB

Peak SAR (extrapolated) = 0.290 W/kg

SAR(1 g) = 0.169 mW/g; SAR(10 g) = 0.123 mW/g

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

Ch190/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 6.40 V/m; Power Drift = -0.079 dB

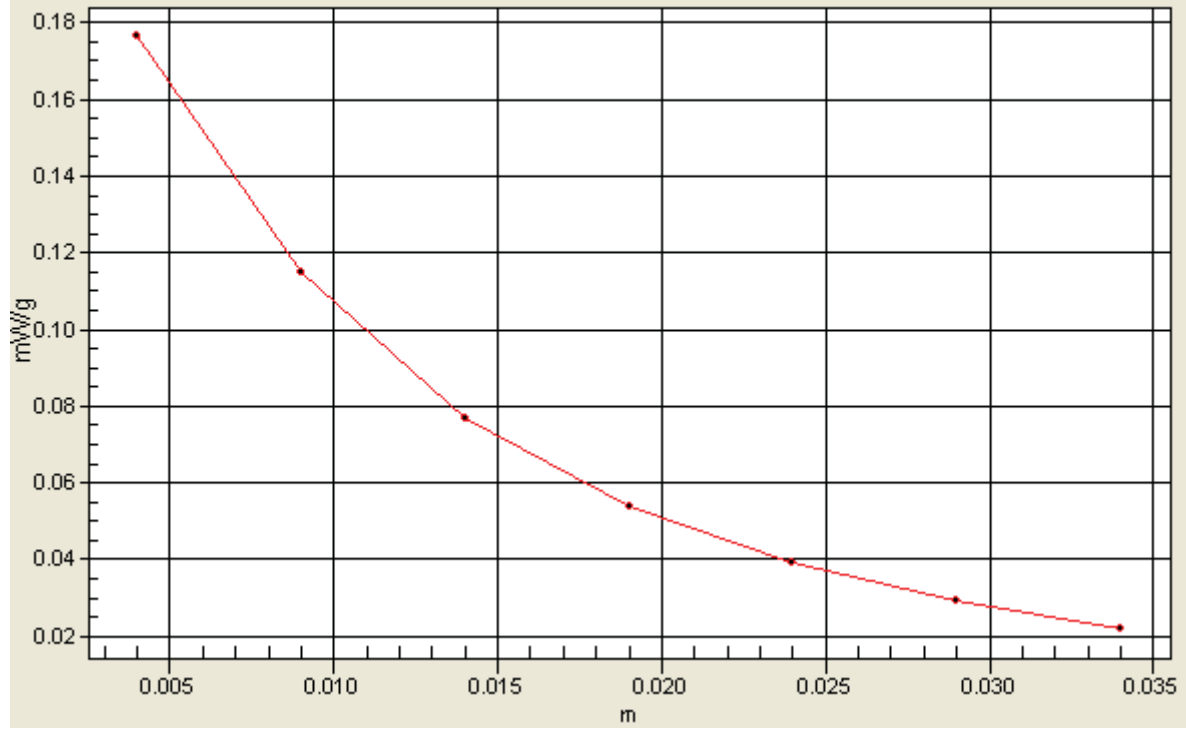
Peak SAR (extrapolated) = 0.170 W/kg

SAR(1 g) = 0.147 mW/g; SAR(10 g) = 0.113 mW/g

Maximum value of SAR (measured) = 0.159 mW/g

1g/10g Averaged SAR

SAR; Zoom Scan: Value Along Z, X=2, Y=3



#02 GSM850_Right Tilted_Ch190_Sample1

DUT: 092829-01

Communication System: GSM850; Frequency: 836.6 MHz; Duty Cycle: 1:8.3

Medium: HSL_850_101216 Medium parameters used: $f = 837$ MHz; $\sigma = 0.886$ mho/m; $\epsilon_r = 41.5$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.5 °C ; Liquid Temperature : 21.4 °C

DASY4 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(6.21, 6.21, 6.21); Calibrated: 2010/5/18
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2010/8/18
- 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

Ch190/Area Scan (41x71x1): Measurement grid: dx=20mm, dy=20mm

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

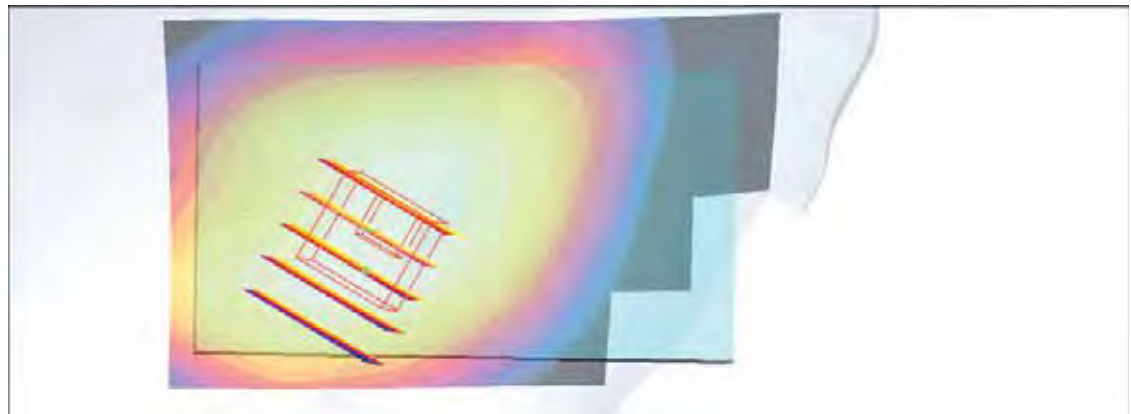
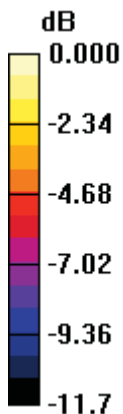
Ch190/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 9.07 V/m; Power Drift = 0.080 dB

Peak SAR (extrapolated) = 0.127 W/kg

SAR(1 g) = 0.104 mW/g; SAR(10 g) = 0.078 mW/g

Maximum value of SAR (measured) = 0.109 mW/g



0 dB = 0.109mW/g

#03 GSM850_Left Cheek_Ch190_Sample1

DUT: 092829-01

Communication System: GSM850; Frequency: 836.6 MHz; Duty Cycle: 1:8.3

Medium: HSL_850_101216 Medium parameters used: $f = 837$ MHz; $\sigma = 0.886$ mho/m; $\epsilon_r = 41.5$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.5 °C ; Liquid Temperature : 21.4 °C

DASY4 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(6.21, 6.21, 6.21); Calibrated: 2010/5/18
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2010/8/18
- 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

Ch190/Area Scan (41x71x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.158 mW/g

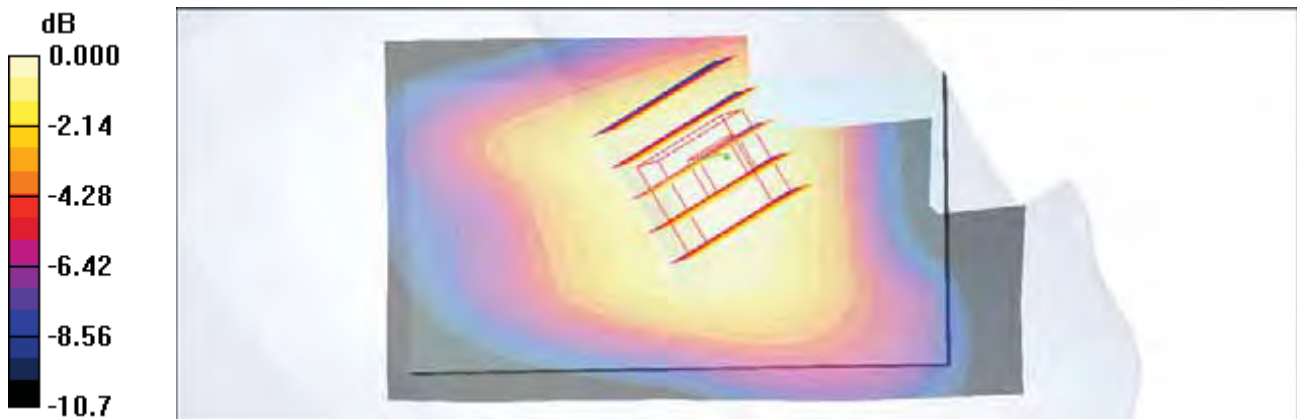
Ch190/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 6.36 V/m; Power Drift = -0.023 dB

Peak SAR (extrapolated) = 0.176 W/kg

SAR(1 g) = 0.141 mW/g; SAR(10 g) = 0.109 mW/g

Maximum value of SAR (measured) = 0.150 mW/g



0 dB = 0.150mW/g

#04 GSM850_Left Tilted_Ch190_Sample1

DUT: 092829-01

Communication System: GSM850; Frequency: 836.6 MHz; Duty Cycle: 1:8.3

Medium: HSL_850_101216 Medium parameters used: $f = 837$ MHz; $\sigma = 0.886$ mho/m; $\epsilon_r = 41.5$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.5 °C ; Liquid Temperature : 21.4 °C

DASY4 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(6.21, 6.21, 6.21); Calibrated: 2010/5/18
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2010/8/18
- 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

Ch190/Area Scan (41x71x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.099 mW/g

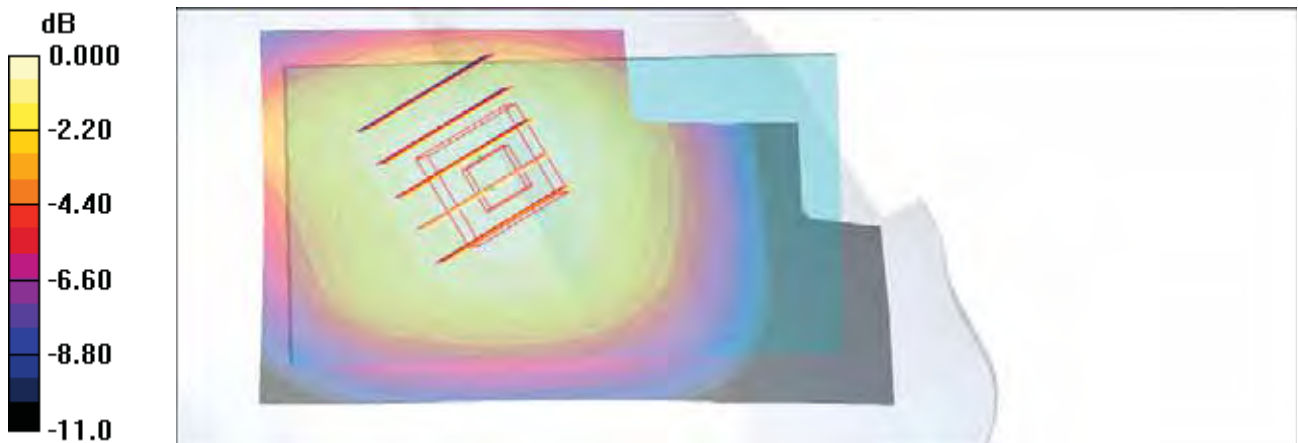
Ch190/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 9.79 V/m; Power Drift = -0.193 dB

Peak SAR (extrapolated) = 0.116 W/kg

SAR(1 g) = 0.092 mW/g; SAR(10 g) = 0.070 mW/g

Maximum value of SAR (measured) = 0.097 mW/g



0 dB = 0.097mW/g

#05 GSM850_Right Cheek_Ch190_Sample2

DUT: 092829-01

Communication System: GSM850; Frequency: 836.6 MHz; Duty Cycle: 1:8.3

Medium: HSL_850_101216 Medium parameters used: $f = 837$ MHz; $\sigma = 0.886$ mho/m; $\epsilon_r = 41.5$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.5 °C ; Liquid Temperature : 21.4 °C

DASY4 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(6.21, 6.21, 6.21); Calibrated: 2010/5/18
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2010/8/18
- 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

Ch190/Area Scan (41x71x1): Measurement grid: dx=20mm, dy=20mm

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

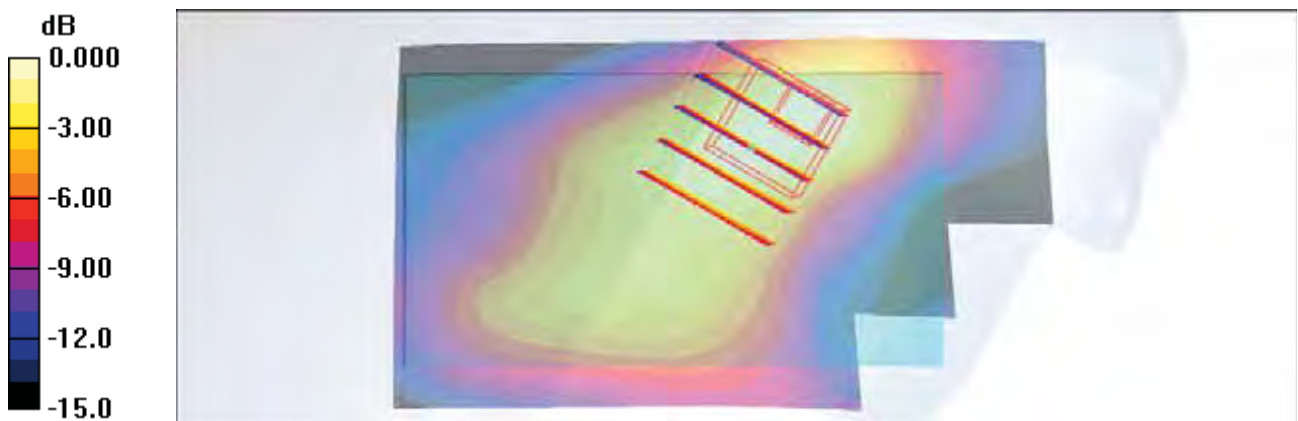
Ch190/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 4.54 V/m; Power Drift = -0.053 dB

Peak SAR (extrapolated) = 0.208 W/kg

SAR(1 g) = 0.114 mW/g; SAR(10 g) = 0.064 mW/g

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



0 dB = 0.123mW/g

#05 GSM850_Right Cheek_Ch190_Sample2_2D

DUT: 092829-01

Communication System: GSM850; Frequency: 836.6 MHz; Duty Cycle: 1:8.3

Medium: HSL_850_101216 Medium parameters used: $f = 837$ MHz; $\sigma = 0.886$ mho/m; $\epsilon_r = 41.5$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.5 °C ; Liquid Temperature : 21.4 °C

DASY4 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(6.21, 6.21, 6.21); Calibrated: 2010/5/18
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2010/8/18
- 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

Ch190/Area Scan (41x71x1): Measurement grid: dx=20mm, dy=20mm

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

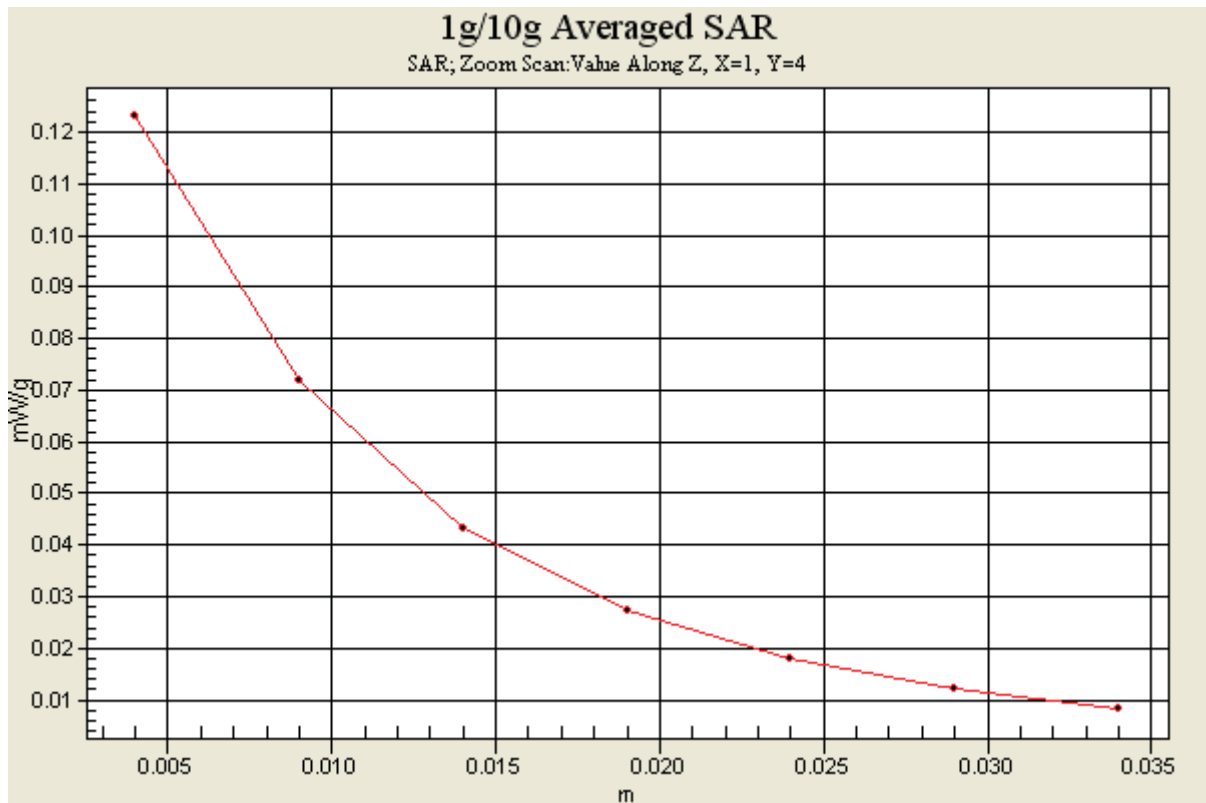
Ch190/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 4.54 V/m; Power Drift = -0.053 dB

Peak SAR (extrapolated) = 0.208 W/kg

SAR(1 g) = 0.114 mW/g; SAR(10 g) = 0.064 mW/g

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



#06 GSM850_Right Tilted_Ch190_Sample2

DUT: 092829-01

Communication System: GSM850; Frequency: 836.6 MHz; Duty Cycle: 1:8.3

Medium: HSL_850_101216 Medium parameters used: $f = 837$ MHz; $\sigma = 0.886$ mho/m; $\epsilon_r = 41.5$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.5 °C ; Liquid Temperature : 21.4 °C

DASY4 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(6.21, 6.21, 6.21); Calibrated: 2010/5/18
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2010/8/18
- 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

Ch190/Area Scan (41x71x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.048 mW/g

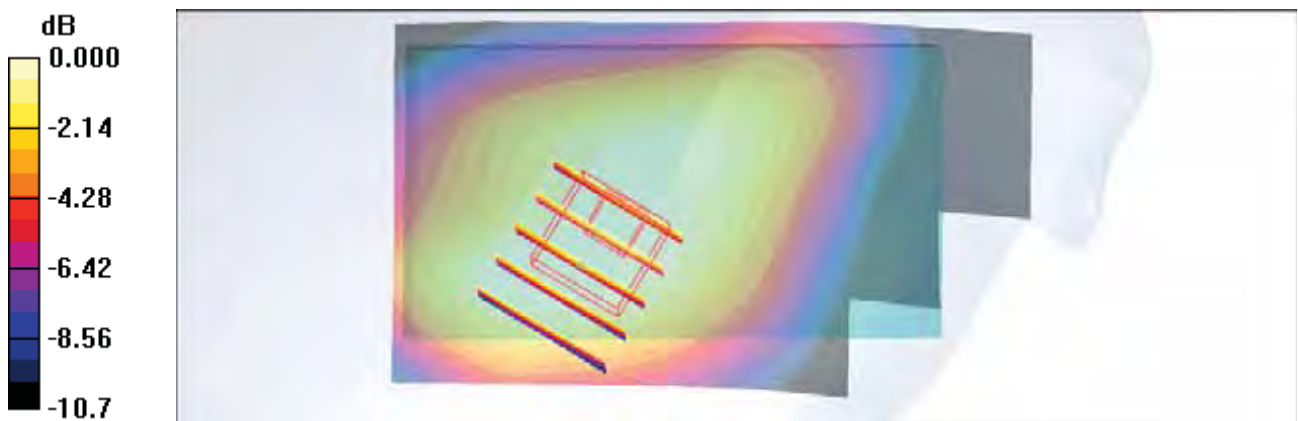
Ch190/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 6.20 V/m; Power Drift = -0.015 dB

Peak SAR (extrapolated) = 0.053 W/kg

SAR(1 g) = 0.044 mW/g; SAR(10 g) = 0.033 mW/g

Maximum value of SAR (measured) = 0.045 mW/g



0 dB = 0.045mW/g

#07 GSM850_Left Cheek_Ch190_Sample2

DUT: 092829-01

Communication System: GSM850; Frequency: 836.6 MHz; Duty Cycle: 1:8.3

Medium: HSL_850_101216 Medium parameters used: $f = 837$ MHz; $\sigma = 0.886$ mho/m; $\epsilon_r = 41.5$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.5 °C ; Liquid Temperature : 21.4 °C

DASY4 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(6.21, 6.21, 6.21); Calibrated: 2010/5/18
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2010/8/18
- 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

Ch190/Area Scan (41x71x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.074 mW/g

Ch190/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 4.41 V/m; Power Drift = -0.077 dB

Peak SAR (extrapolated) = 0.090 W/kg

SAR(1 g) = 0.063 mW/g; SAR(10 g) = 0.046 mW/g

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

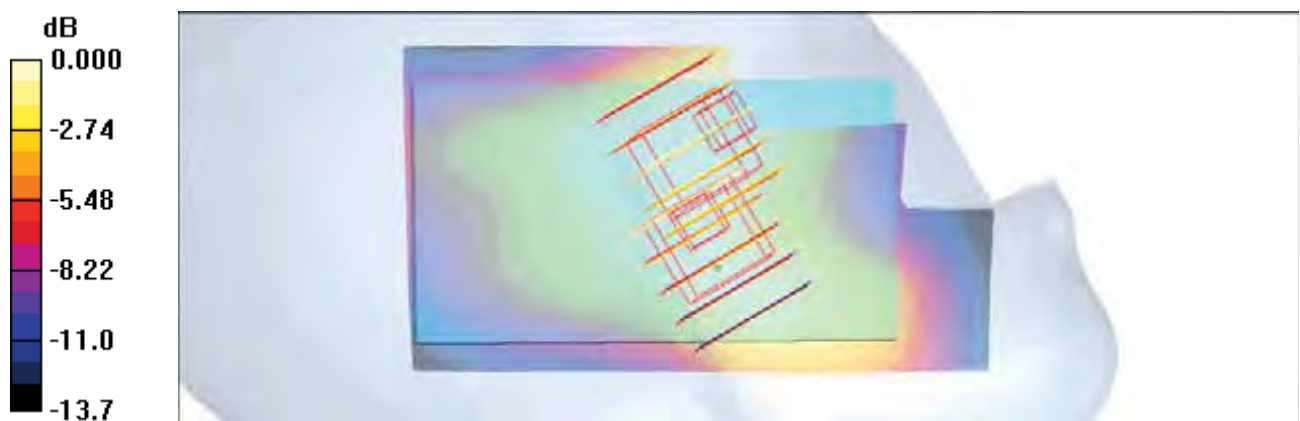
Ch190/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 4.41 V/m; Power Drift = -0.077 dB

Peak SAR (extrapolated) = 0.092 W/kg

SAR(1 g) = 0.049 mW/g; SAR(10 g) = 0.035 mW/g

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



0 dB = 0.056mW/g

#08 GSM850_Left Tilted_Ch190_Sample2

DUT: 092829-01

Communication System: GSM850; Frequency: 836.6 MHz; Duty Cycle: 1:8.3

Medium: HSL_850_101216 Medium parameters used: $f = 837$ MHz; $\sigma = 0.886$ mho/m; $\epsilon_r = 41.5$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.5 °C ; Liquid Temperature : 21.4 °C

DASY4 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(6.21, 6.21, 6.21); Calibrated: 2010/5/18
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2010/8/18
- 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

Ch190/Area Scan (41x71x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.045 mW/g

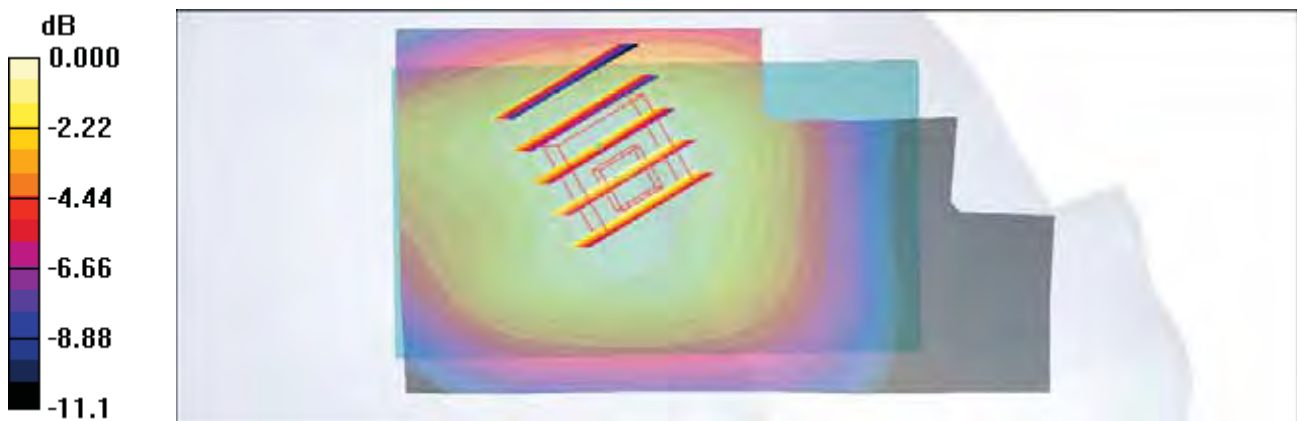
Ch190/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 6.21 V/m; Power Drift = -0.154 dB

Peak SAR (extrapolated) = 0.053 W/kg

SAR(1 g) = 0.042 mW/g; SAR(10 g) = 0.031 mW/g

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



0 dB = 0.044mW/g

#17 GSM1900_Right Cheek_Ch810_Sample1

DUT: 092829-01

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

Medium: HSL_1900_101217 Medium parameters used: $f = 1910$ MHz; $\sigma = 1.46$ mho/m; $\epsilon_r = 38.2$; $\rho = 1000$ kg/m³

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

DASY4 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(5.09, 5.09, 5.09); Calibrated: 2010/5/18
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2010/8/18
- Phantom: SAM-Left; Type: QD 000 P40 C; Serial: TP-1477
- 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) = 0.793 mW/g

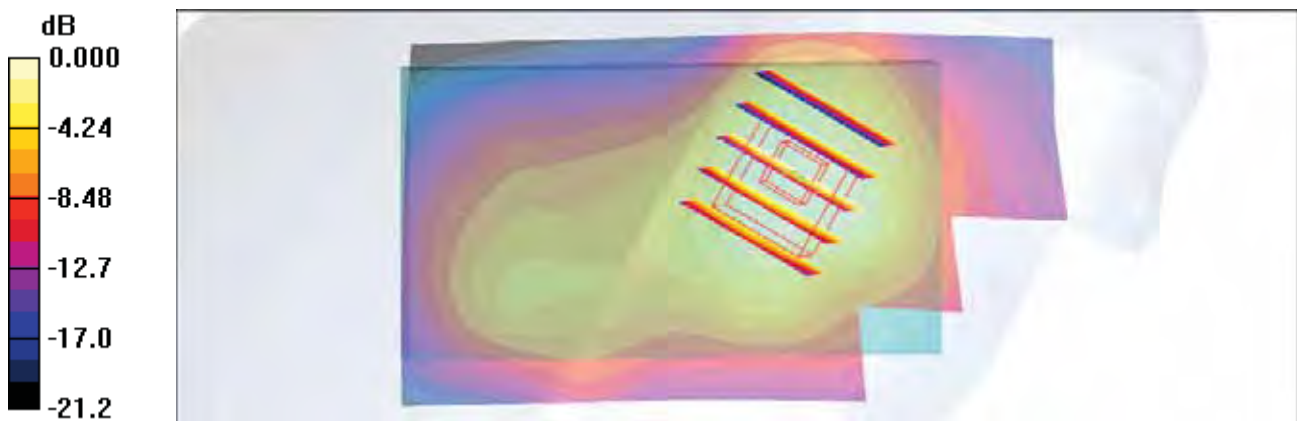
Ch810/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 8.99 V/m; Power Drift = 0.042 dB

Peak SAR (extrapolated) = 0.906 W/kg

SAR(1 g) = 0.649 mW/g; SAR(10 g) = 0.403 mW/g

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



0 dB = 0.708mW/g

#17 GSM1900_Right Cheek_Ch810_Sample1_2D

DUT: 092829-01

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

Medium: HSL_1900_101217 Medium parameters used: $f = 1910$ MHz; $\sigma = 1.46$ mho/m; $\epsilon_r = 38.2$; $\rho = 1000$ kg/m³

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

DASY4 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(5.09, 5.09, 5.09); Calibrated: 2010/5/18
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2010/8/18
- Phantom: SAM-Left; Type: QD 000 P40 C; Serial: TP-1477
- 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) = 0.793 mW/g

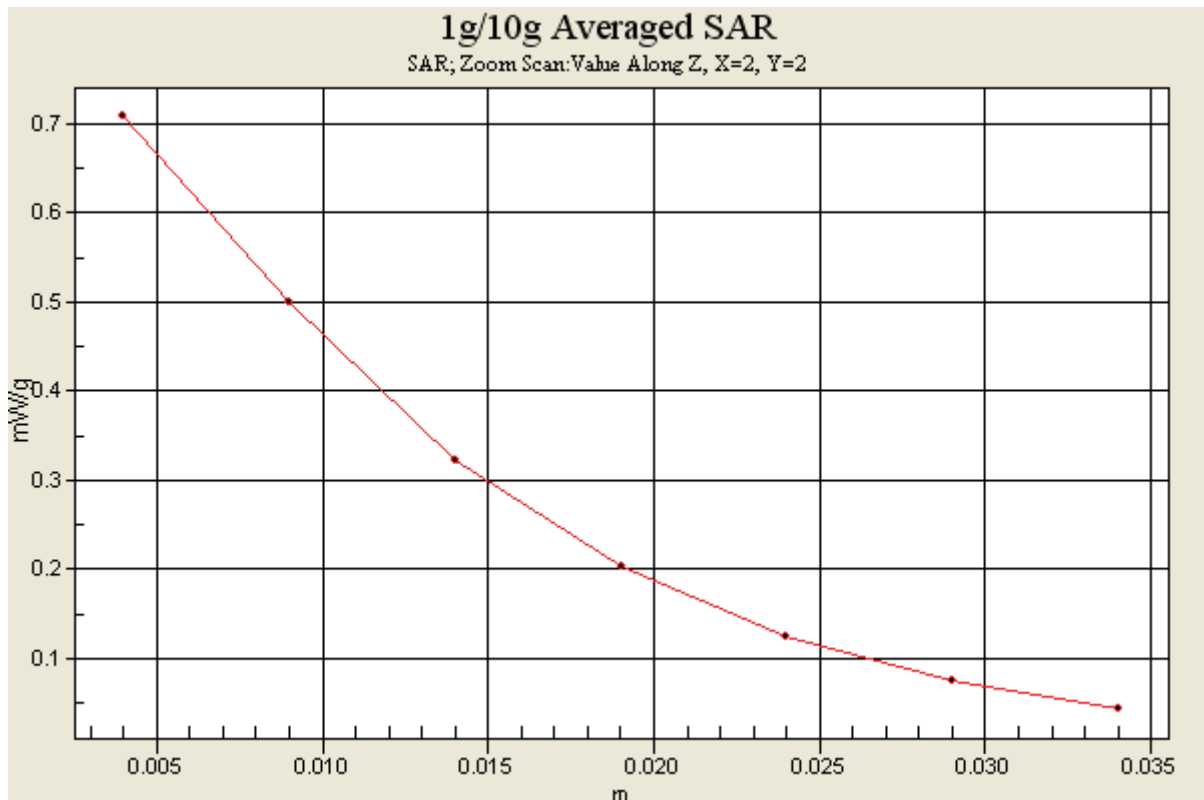
Ch810/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 8.99 V/m; Power Drift = 0.042 dB

Peak SAR (extrapolated) = 0.906 W/kg

SAR(1 g) = 0.649 mW/g; SAR(10 g) = 0.403 mW/g

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



#18 GSM1900_Right Tilted_Ch810_Sample1

DUT: 092829-01

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

Medium: HSL_1900_101217 Medium parameters used: $f = 1910$ MHz; $\sigma = 1.46$ mho/m; $\epsilon_r = 38.2$; $\rho = 1000$ kg/m³

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

DASY4 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(5.09, 5.09, 5.09); Calibrated: 2010/5/18
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2010/8/18
- Phantom: SAM-Left; Type: QD 000 P40 C; Serial: TP-1477
- 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) = 0.436 mW/g

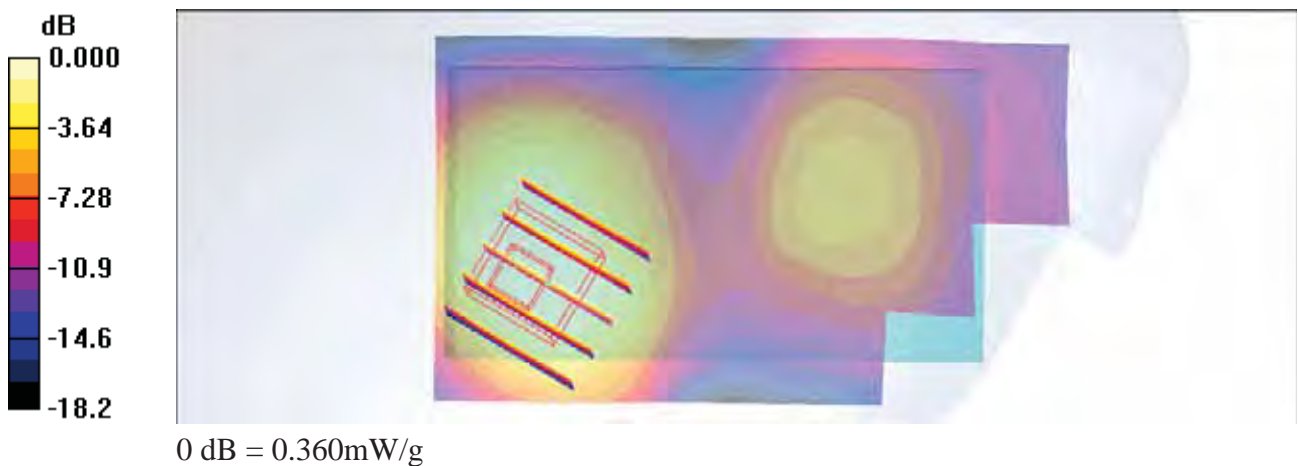
Ch810/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 15.8 V/m; Power Drift = -0.062 dB

Peak SAR (extrapolated) = 0.538 W/kg

SAR(1 g) = 0.345 mW/g; SAR(10 g) = 0.210 mW/g

Maximum value of SAR (measured) = 0.360 mW/g



#19 GSM1900_Left Cheek_Ch810_Sample1

DUT: 092829-01

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

Medium: HSL_1900_101217 Medium parameters used: $f = 1910$ MHz; $\sigma = 1.46$ mho/m; $\epsilon_r = 38.2$; $\rho = 1000$ kg/m³

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

DASY4 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(5.09, 5.09, 5.09); Calibrated: 2010/5/18
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2010/8/18
- Phantom: SAM-Left; Type: QD 000 P40 C; Serial: TP-1477
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch810/Area Scan (41x81x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.613 mW/g

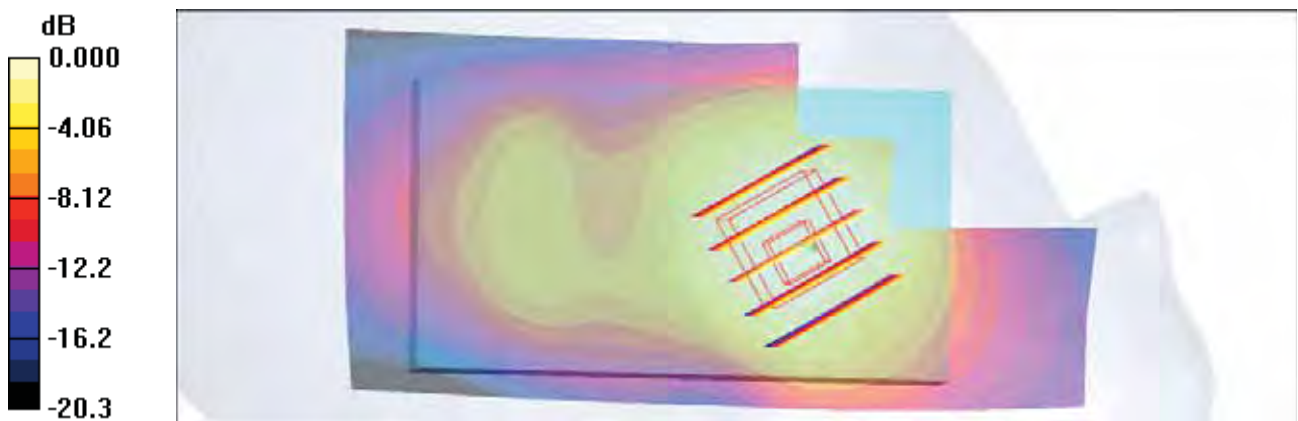
Ch810/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 10.2 V/m; Power Drift = -0.062 dB

Peak SAR (extrapolated) = 0.768 W/kg

SAR(1 g) = 0.568 mW/g; SAR(10 g) = 0.366 mW/g

Maximum value of SAR (measured) = 0.608 mW/g



0 dB = 0.608mW/g

#20 GSM1900_Left Tilted_Ch810_Sample1

DUT: 092829-01

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

Medium: HSL_1900_101217 Medium parameters used: $f = 1910$ MHz; $\sigma = 1.46$ mho/m; $\epsilon_r = 38.2$; $\rho = 1000$ kg/m³

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

DASY4 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(5.09, 5.09, 5.09); Calibrated: 2010/5/18
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2010/8/18
- Phantom: SAM-Left; Type: QD 000 P40 C; Serial: TP-1477
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch810/Area Scan (41x81x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.341 mW/g

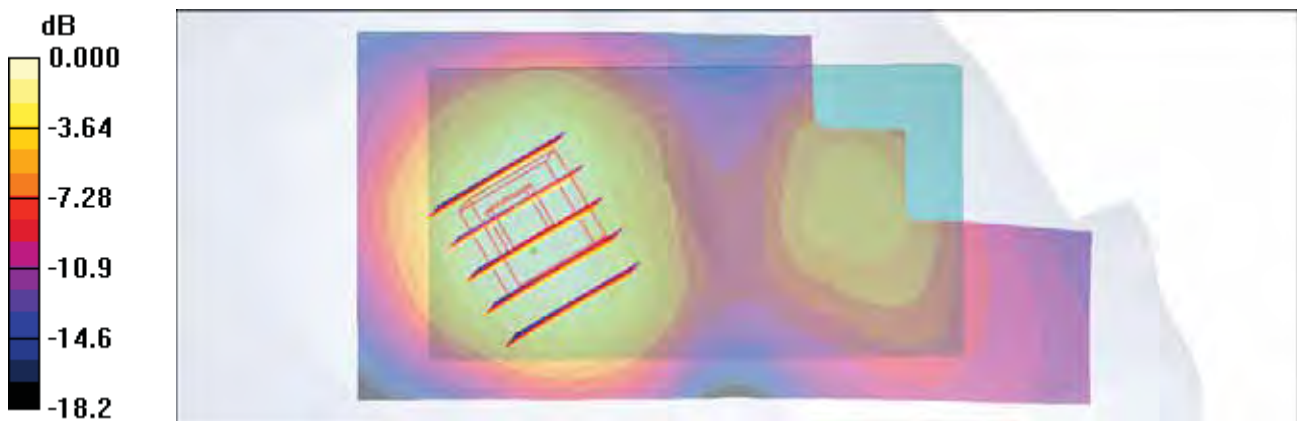
Ch810/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 15.5 V/m; Power Drift = 0.014 dB

Peak SAR (extrapolated) = 0.452 W/kg

SAR(1 g) = 0.304 mW/g; SAR(10 g) = 0.189 mW/g

Maximum value of SAR (measured) = 0.326 mW/g



0 dB = 0.326mW/g

#21 GSM1900_Right Cheek_Ch810_Sample2

DUT: 092829-01

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

Medium: HSL_1900_101217 Medium parameters used: $f = 1910$ MHz; $\sigma = 1.46$ mho/m; $\epsilon_r = 38.2$; $\rho = 1000$ kg/m³

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

DASY4 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(5.09, 5.09, 5.09); Calibrated: 2010/5/18
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2010/8/18
- Phantom: SAM-Left; Type: QD 000 P40 C; Serial: TP-1477
- 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) = 0.364 mW/g

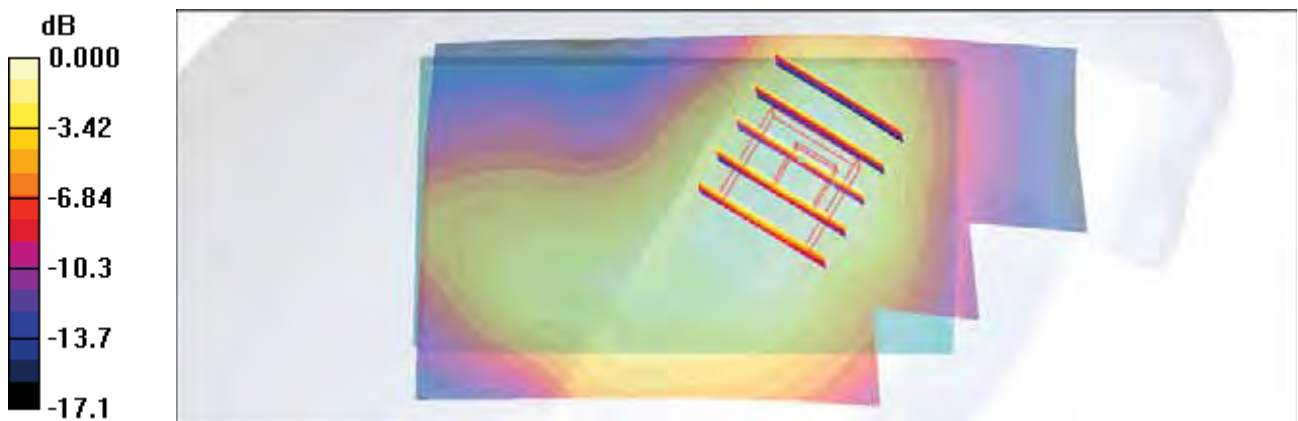
Ch810/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 10.2 V/m; Power Drift = 0.116 dB

Peak SAR (extrapolated) = 0.459 W/kg

SAR(1 g) = 0.304 mW/g; SAR(10 g) = 0.203 mW/g

Maximum value of SAR (measured) = 0.329 mW/g



0 dB = 0.329mW/g

#22 GSM1900_Right Tilted_Ch810_Sample2

DUT: 092829-01

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

Medium: HSL_1900_101217 Medium parameters used: $f = 1910$ MHz; $\sigma = 1.46$ mho/m; $\epsilon_r = 38.2$; $\rho = 1000$ kg/m³

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

DASY4 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(5.09, 5.09, 5.09); Calibrated: 2010/5/18
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2010/8/18
- Phantom: SAM-Left; Type: QD 000 P40 C; Serial: TP-1477
- 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) = 0.440 mW/g

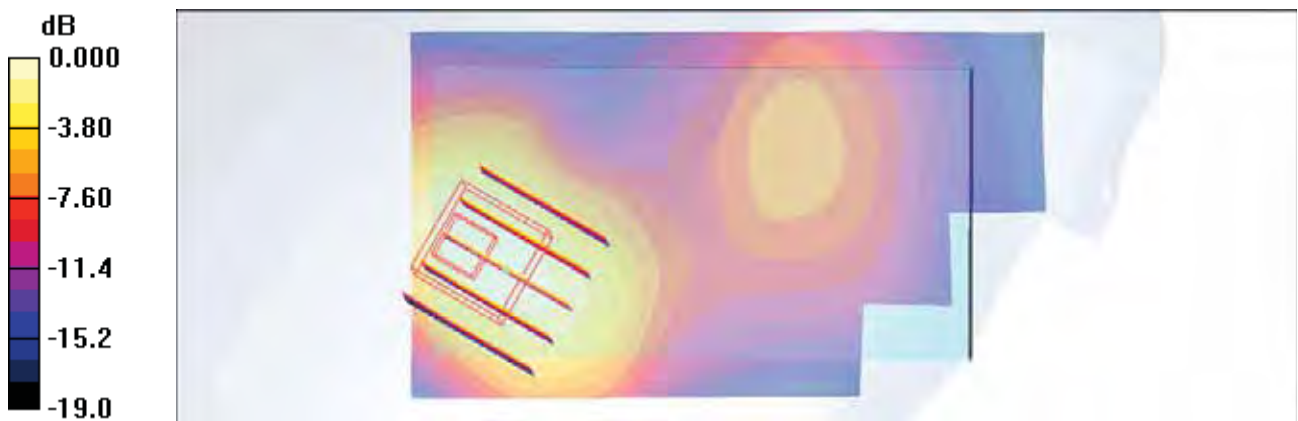
Ch810/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 17.5 V/m; Power Drift = -0.152 dB

Peak SAR (extrapolated) = 0.694 W/kg

SAR(1 g) = 0.411 mW/g; SAR(10 g) = 0.230 mW/g

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



0 dB = 0.450mW/g

#22 GSM1900_Right Tilted_Ch810_Sample2_2D

DUT: 092829-01

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

Medium: HSL_1900_101217 Medium parameters used: $f = 1910$ MHz; $\sigma = 1.46$ mho/m; $\epsilon_r = 38.2$; $\rho = 1000$ kg/m³

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

DASY4 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(5.09, 5.09, 5.09); Calibrated: 2010/5/18
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2010/8/18
- Phantom: SAM-Left; Type: QD 000 P40 C; Serial: TP-1477
- 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) = 0.440 mW/g

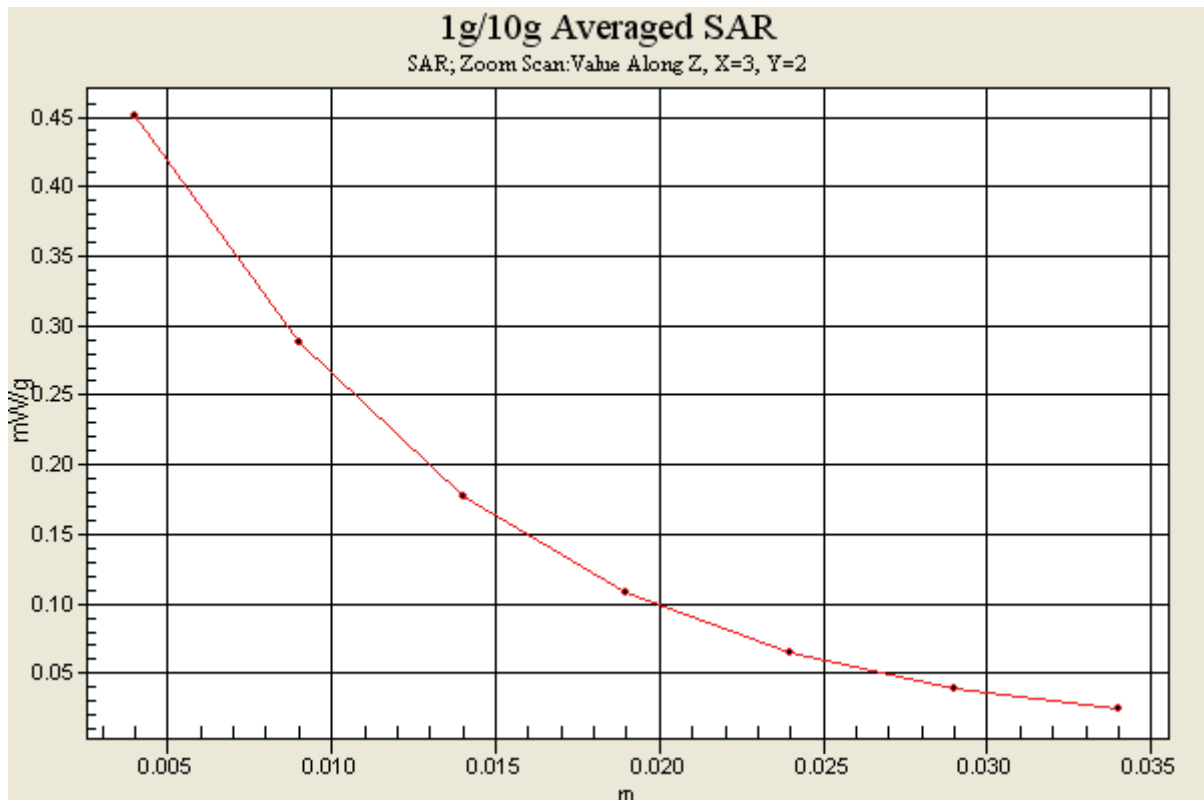
Ch810/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 17.5 V/m; Power Drift = -0.152 dB

Peak SAR (extrapolated) = 0.694 W/kg

SAR(1 g) = 0.411 mW/g; SAR(10 g) = 0.230 mW/g

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



#23 GSM1900_Left Cheek_Ch810_Sample2

DUT: 092829-01

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

Medium: HSL_1900_101217 Medium parameters used: $f = 1910$ MHz; $\sigma = 1.46$ mho/m; $\epsilon_r = 38.2$; $\rho = 1000$ kg/m³

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

DASY4 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(5.09, 5.09, 5.09); Calibrated: 2010/5/18
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2010/8/18
- Phantom: SAM-Left; Type: QD 000 P40 C; Serial: TP-1477
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch810/Area Scan (41x81x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.474 mW/g

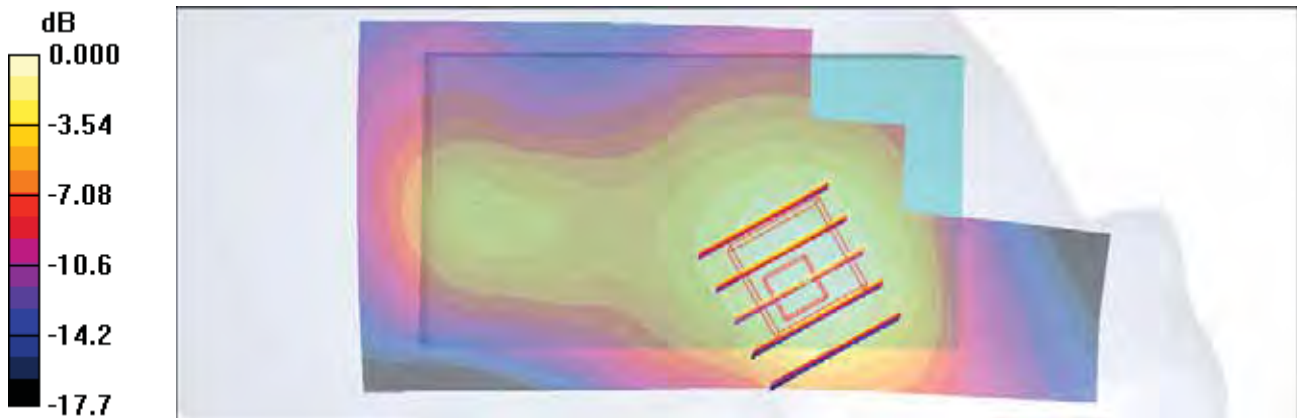
Ch810/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 12.7 V/m; Power Drift = -0.124 dB

Peak SAR (extrapolated) = 0.631 W/kg

SAR(1 g) = 0.401 mW/g; SAR(10 g) = 0.242 mW/g

Maximum value of SAR (measured) = 0.433 mW/g



0 dB = 0.433mW/g

#24 GSM1900_Left Tilted_Ch810_Sample2

DUT: 092829-01

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

Medium: HSL_1900_101217 Medium parameters used: $f = 1910$ MHz; $\sigma = 1.46$ mho/m; $\epsilon_r = 38.2$; $\rho = 1000$ kg/m³

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

DASY4 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(5.09, 5.09, 5.09); Calibrated: 2010/5/18
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2010/8/18
- Phantom: SAM-Left; Type: QD 000 P40 C; Serial: TP-1477
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch810/Area Scan (41x81x1): Measurement grid: dx=20mm, dy=20mm

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

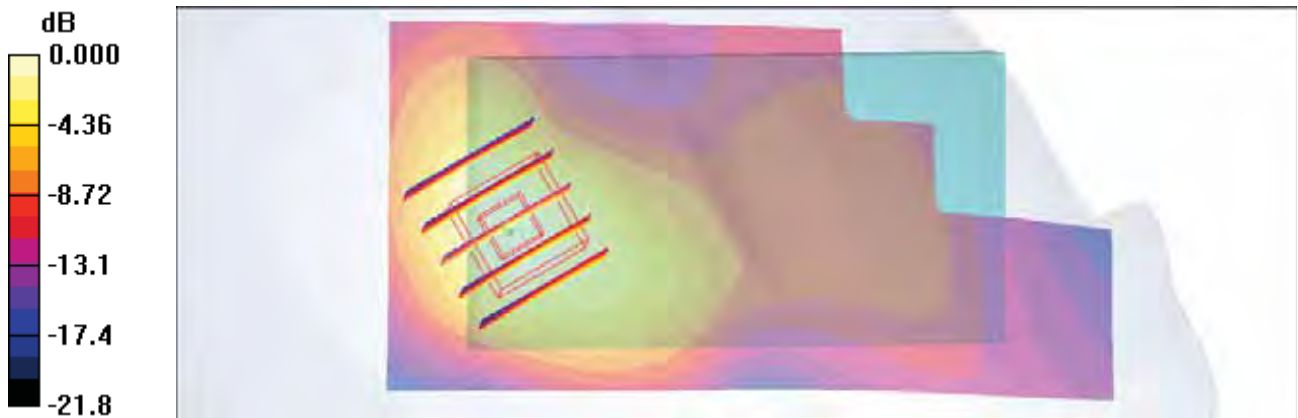
Ch810/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 16.6 V/m; Power Drift = 0.192 dB

Peak SAR (extrapolated) = 0.635 W/kg

SAR(1 g) = 0.382 mW/g; SAR(10 g) = 0.207 mW/g

Maximum value of SAR (measured) = 0.429 mW/g



0 dB = 0.429mW/g

#09 WCDMA V_RMC12.2K_Right Cheek_Ch4233_Sample1

DUT: 092829-01

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

Medium: HSL_850_101216 Medium parameters used: $f = 847$ MHz; $\sigma = 0.896$ mho/m; $\epsilon_r = 41.4$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.5 °C ; Liquid Temperature : 21.4 °C

DASY4 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(6.21, 6.21, 6.21); Calibrated: 2010/5/18
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2010/8/18
- 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

Ch4233/Area Scan (41x71x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.325 mW/g

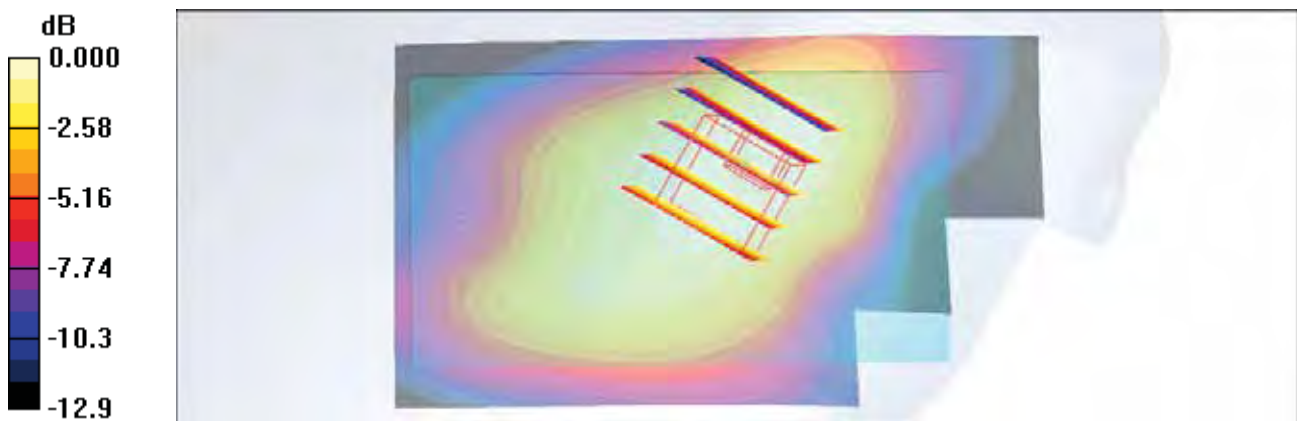
Ch4233/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 8.24 V/m; Power Drift = -0.130 dB

Peak SAR (extrapolated) = 0.403 W/kg

SAR(1 g) = 0.263 mW/g; SAR(10 g) = 0.194 mW/g

Maximum value of SAR (measured) = 0.274 mW/g



0 dB = 0.274mW/g

#09 WCDMA V_RMC12.2K_Right Cheek_Ch4233_Sample1_2D

DUT: 092829-01

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

Medium: HSL_850_101216 Medium parameters used: $f = 847$ MHz; $\sigma = 0.896$ mho/m; $\epsilon_r = 41.4$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.5 °C; Liquid Temperature : 21.4 °C

DASY4 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(6.21, 6.21, 6.21); Calibrated: 2010/5/18
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2010/8/18
- 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

Ch4233/Area Scan (41x71x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.325 mW/g

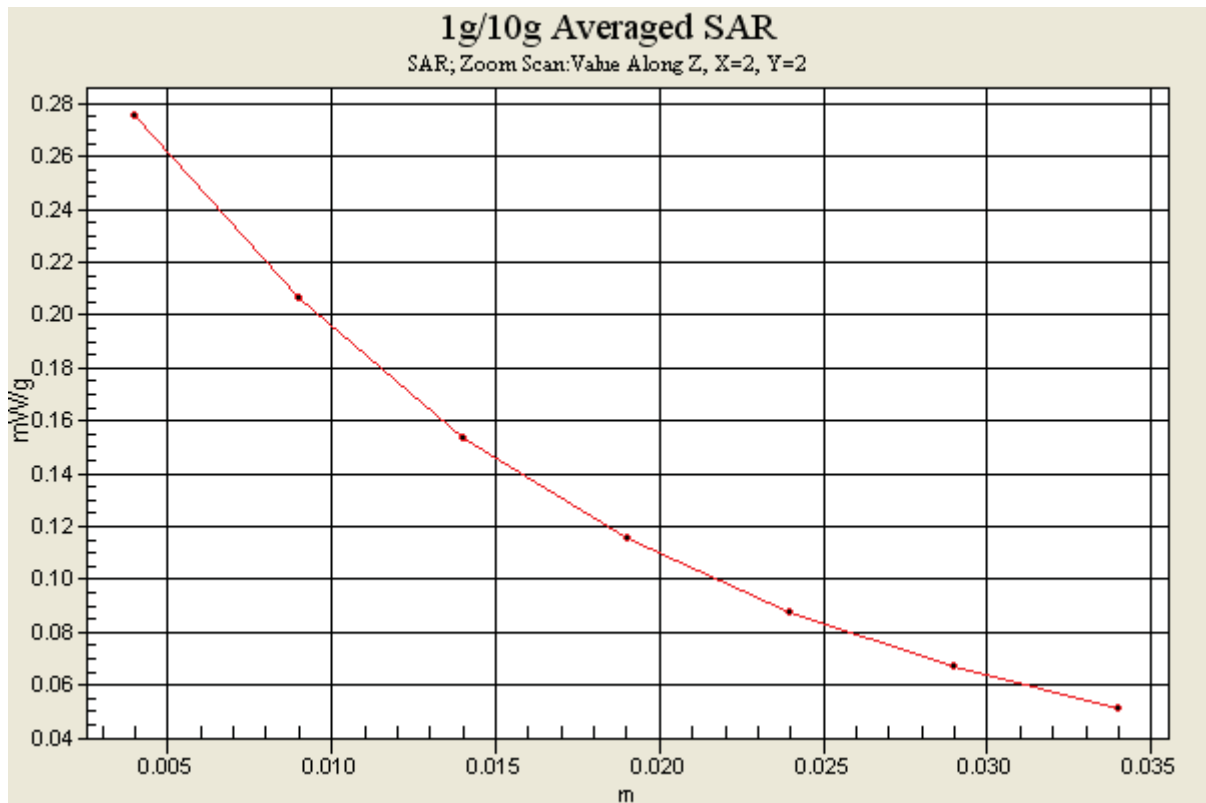
Ch4233/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 8.24 V/m; Power Drift = -0.130 dB

Peak SAR (extrapolated) = 0.403 W/kg

SAR(1 g) = 0.263 mW/g; SAR(10 g) = 0.194 mW/g

Maximum value of SAR (measured) = 0.274 mW/g



#10 WCDMA V_RMC12.2K_Right Tilted_Ch4233_Sample1

DUT: 092829-01

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

Medium: HSL_850_101216 Medium parameters used: $f = 847$ MHz; $\sigma = 0.896$ mho/m; $\epsilon_r = 41.4$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.5 °C; Liquid Temperature : 21.4 °C

DASY4 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(6.21, 6.21, 6.21); Calibrated: 2010/5/18
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2010/8/18
- 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

Ch4233/Area Scan (41x71x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.166 mW/g

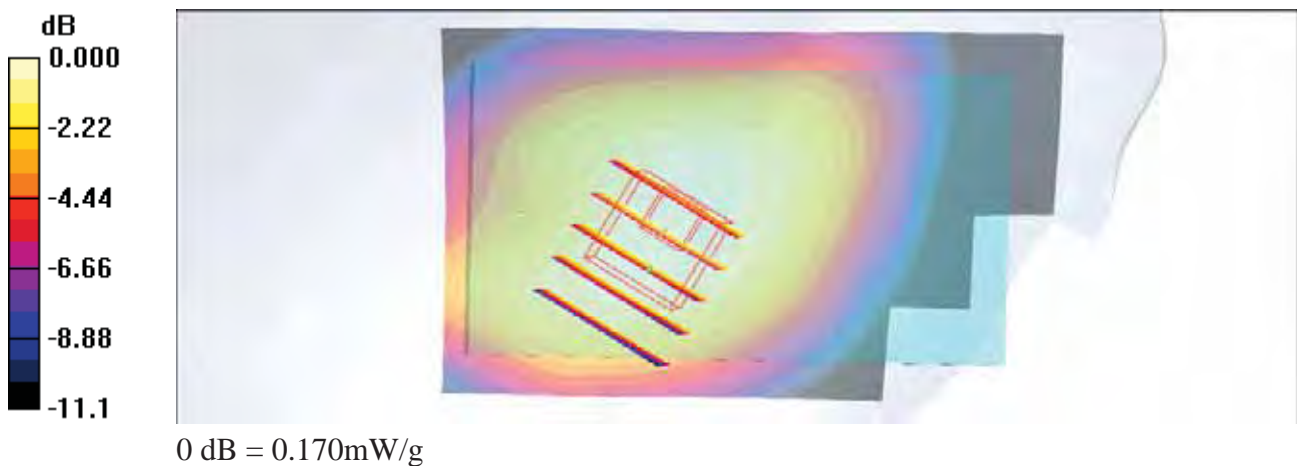
Ch4233/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 10.6 V/m; Power Drift = -0.185 dB

Peak SAR (extrapolated) = 0.196 W/kg

SAR(1 g) = 0.162 mW/g; SAR(10 g) = 0.122 mW/g

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



#11 WCDMA V_RMC12.2K_Left Cheek_Ch4233_Sample1

DUT: 092829-01

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

Medium: HSL_850_101216 Medium parameters used: $f = 847$ MHz; $\sigma = 0.896$ mho/m; $\epsilon_r = 41.4$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.5 °C ; Liquid Temperature : 21.4 °C

DASY4 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(6.21, 6.21, 6.21); Calibrated: 2010/5/18
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2010/8/18
- 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

Ch4233/Area Scan (41x71x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.248 mW/g

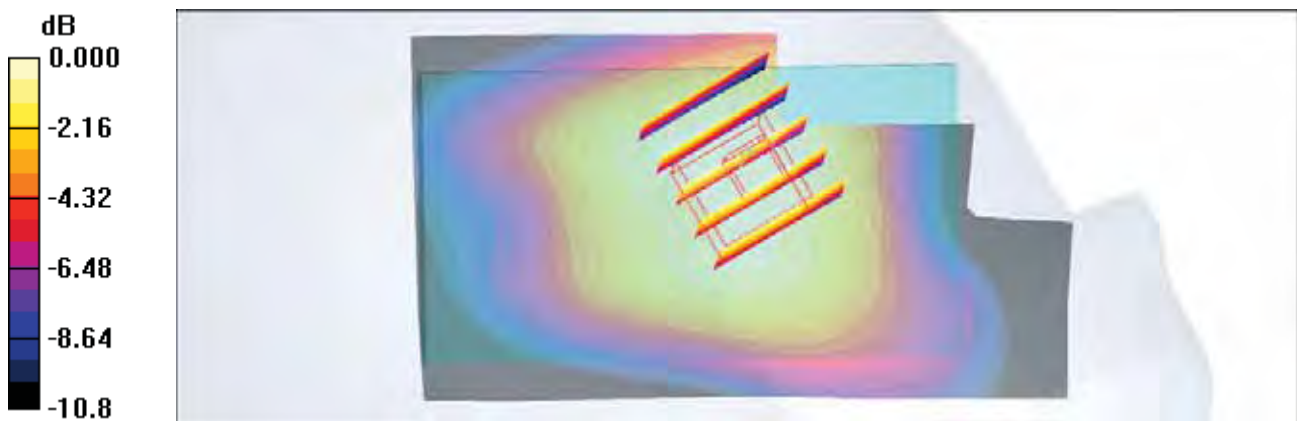
Ch4233/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 7.65 V/m; Power Drift = -0.153 dB

Peak SAR (extrapolated) = 0.276 W/kg

SAR(1 g) = 0.226 mW/g; SAR(10 g) = 0.177 mW/g

Maximum value of SAR (measured) = 0.236 mW/g



0 dB = 0.236mW/g

#12 WCDMA V_RMC12.2K_Left Tilted_Ch4233_Sample1

DUT: 092829-01

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

Medium: HSL_850_101216 Medium parameters used: $f = 847$ MHz; $\sigma = 0.896$ mho/m; $\epsilon_r = 41.4$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.5 °C ; Liquid Temperature : 21.4 °C

DASY4 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(6.21, 6.21, 6.21); Calibrated: 2010/5/18
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2010/8/18
- 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

Ch4233/Area Scan (41x71x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.165 mW/g

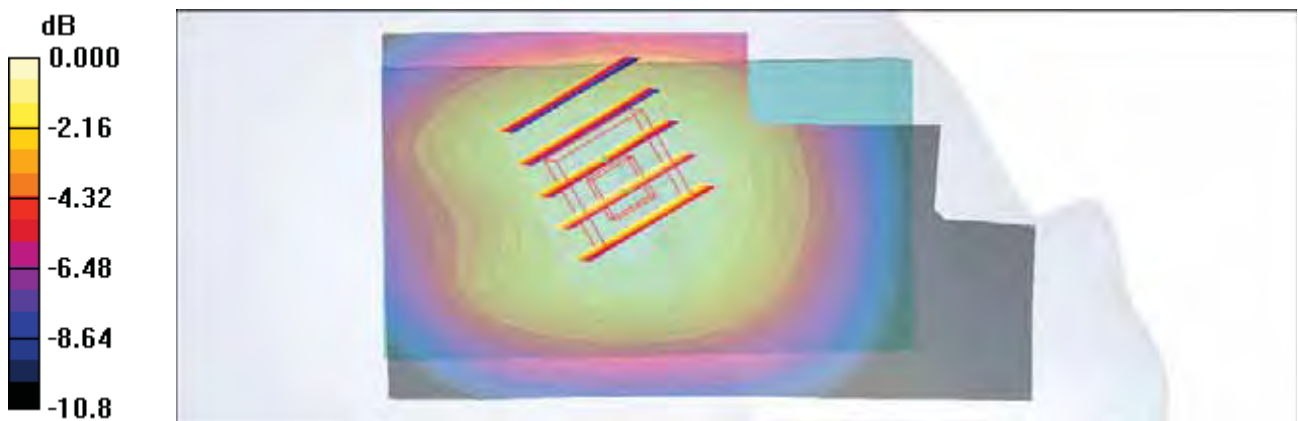
Ch4233/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 10.8 V/m; Power Drift = -0.173 dB

Peak SAR (extrapolated) = 0.197 W/kg

SAR(1 g) = 0.160 mW/g; SAR(10 g) = 0.121 mW/g

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



0 dB = 0.170mW/g

#13 WCDMA V_RMC12.2K_Right Cheek_Ch4233_Sample2

DUT: 092829-01

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

Medium: HSL_850_101216 Medium parameters used: $f = 847$ MHz; $\sigma = 0.896$ mho/m; $\epsilon_r = 41.4$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.5 °C ; Liquid Temperature : 21.4 °C

DASY4 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(6.21, 6.21, 6.21); Calibrated: 2010/5/18
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2010/8/18
- 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

Ch4233/Area Scan (41x71x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.206 mW/g

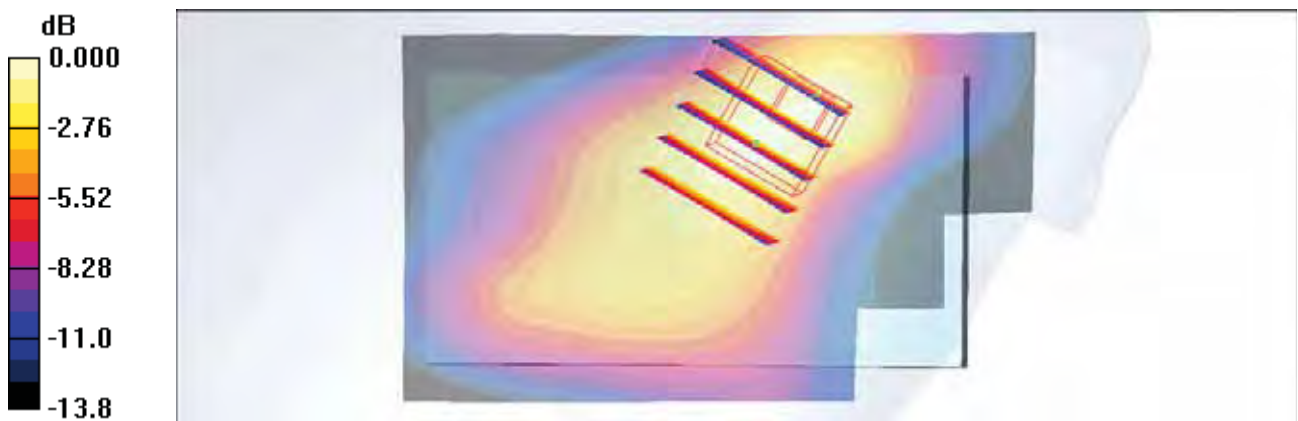
Ch4233/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 6.15 V/m; Power Drift = -0.042 dB

Peak SAR (extrapolated) = 0.385 W/kg

SAR(1 g) = 0.216 mW/g; SAR(10 g) = 0.124 mW/g

Maximum value of SAR (measured) = 0.232 mW/g



0 dB = 0.232mW/g

#13 WCDMA V_RMC12.2K_Right Cheek_Ch4233_Sample2_2D

DUT: 092829-01

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

Medium: HSL_850_101216 Medium parameters used: $f = 847$ MHz; $\sigma = 0.896$ mho/m; $\epsilon_r = 41.4$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.5 °C ; Liquid Temperature : 21.4 °C

DASY4 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(6.21, 6.21, 6.21); Calibrated: 2010/5/18
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2010/8/18
- 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

Ch4233/Area Scan (41x71x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.206 mW/g

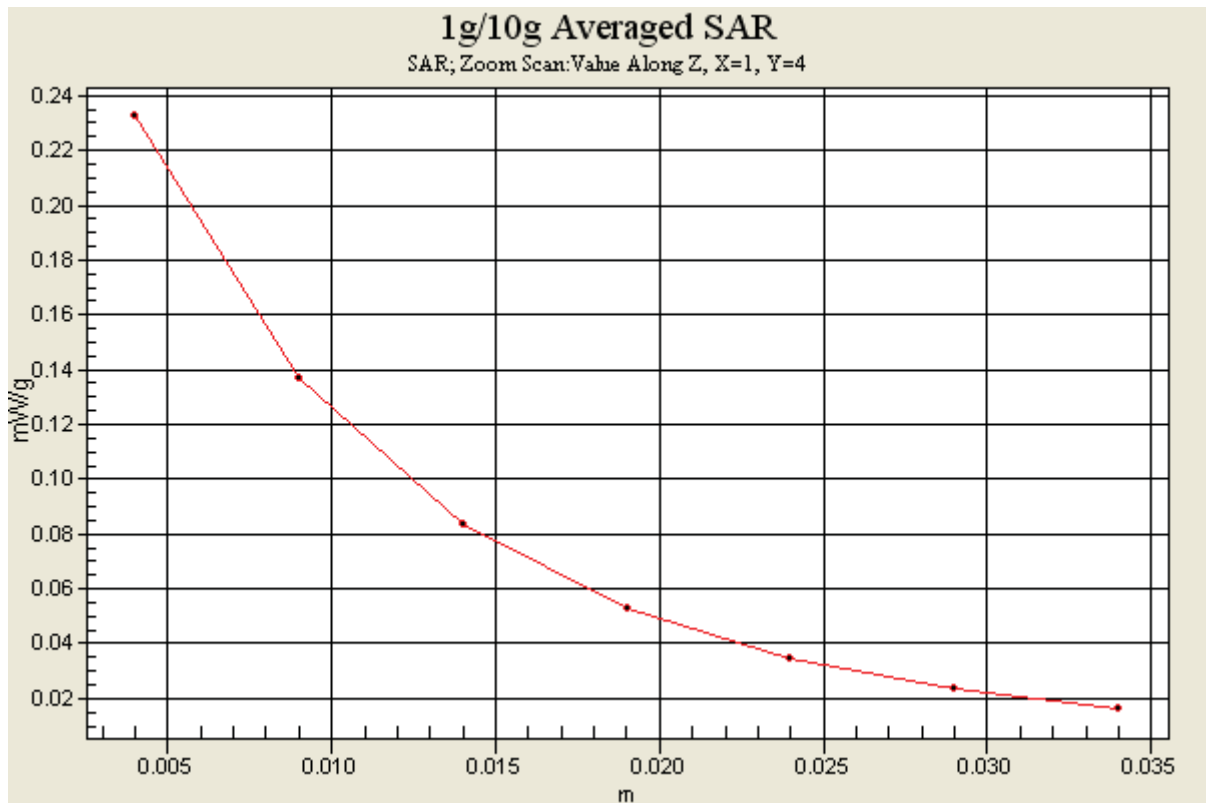
Ch4233/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 6.15 V/m; Power Drift = -0.042 dB

Peak SAR (extrapolated) = 0.385 W/kg

SAR(1 g) = 0.216 mW/g; SAR(10 g) = 0.124 mW/g

Maximum value of SAR (measured) = 0.232 mW/g



#14 WCDMA V_RMC12.2K_Right Tilted_Ch4233_Sample2

DUT: 092829-01

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

Medium: HSL_850_101216 Medium parameters used: $f = 847$ MHz; $\sigma = 0.896$ mho/m; $\epsilon_r = 41.4$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.5 °C; Liquid Temperature : 21.4 °C

DASY4 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(6.21, 6.21, 6.21); Calibrated: 2010/5/18
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2010/8/18
- 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

Ch4233/Area Scan (41x71x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.105 mW/g

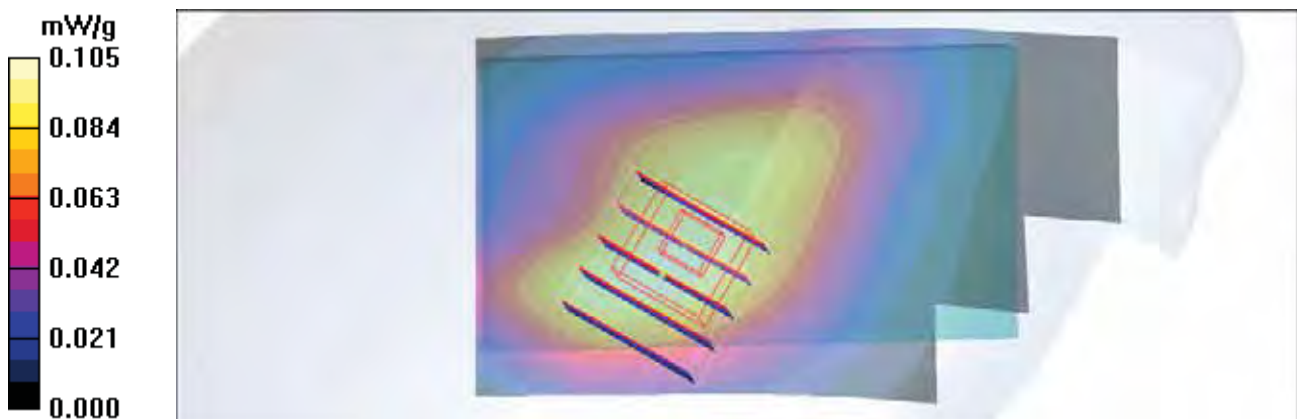
Ch4233/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 8.42 V/m; Power Drift = -0.1 dB

Peak SAR (extrapolated) = 0.114 W/kg

SAR(1 g) = 0.092 mW/g; SAR(10 g) = 0.070 mW/g

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



#15 WCDMA V_RMC12.2K_Left Cheek_Ch4233_Sample2

DUT: 092829-01

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

Medium: HSL_850_101216 Medium parameters used: $f = 847$ MHz; $\sigma = 0.896$ mho/m; $\epsilon_r = 41.4$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.5 °C ; Liquid Temperature : 21.4 °C

DASY4 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(6.21, 6.21, 6.21); Calibrated: 2010/5/18
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2010/8/18
- 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

Ch4233/Area Scan (41x71x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.143 mW/g

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

Reference Value = 6.43 V/m; Power Drift = 0.037 dB

Peak SAR (extrapolated) = 0.167 W/kg

SAR(1 g) = 0.127 mW/g; SAR(10 g) = 0.095 mW/g

Maximum value of SAR (measured) = 0.134 mW/g

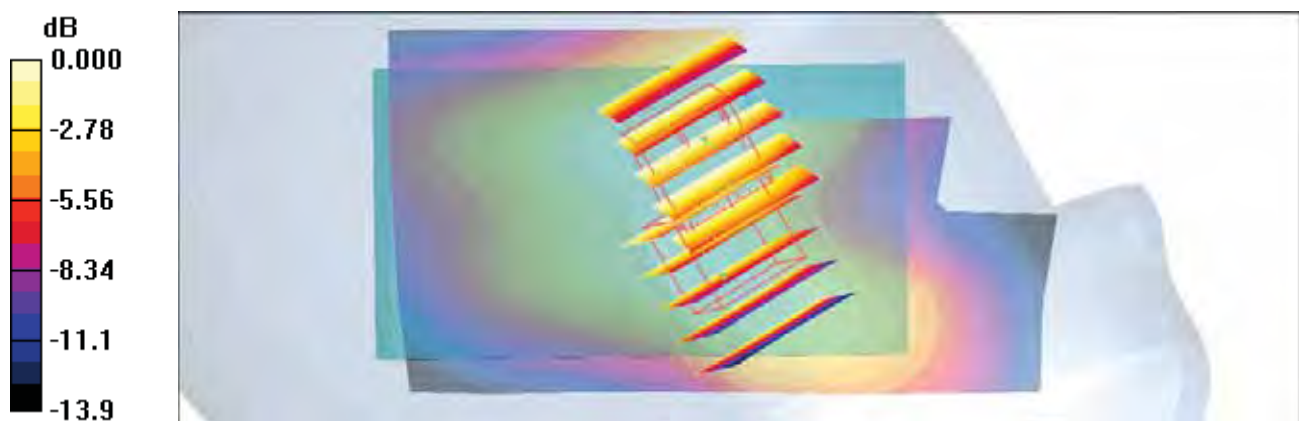
Ch4233/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 6.43 V/m; Power Drift = 0.037 dB

Peak SAR (extrapolated) = 0.174 W/kg

SAR(1 g) = 0.107 mW/g; SAR(10 g) = 0.076 mW/g

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



0 dB = 0.119mW/g

#16 WCDMA V_RMC12.2K_Left Tilted_Ch4233_Sample2

DUT: 092829-01

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

Medium: HSL_850_101216 Medium parameters used: $f = 847$ MHz; $\sigma = 0.896$ mho/m; $\epsilon_r = 41.4$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.5 °C ; Liquid Temperature : 21.4 °C

DASY4 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(6.21, 6.21, 6.21); Calibrated: 2010/5/18
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2010/8/18
- 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

Ch4233/Area Scan (41x71x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.086 mW/g

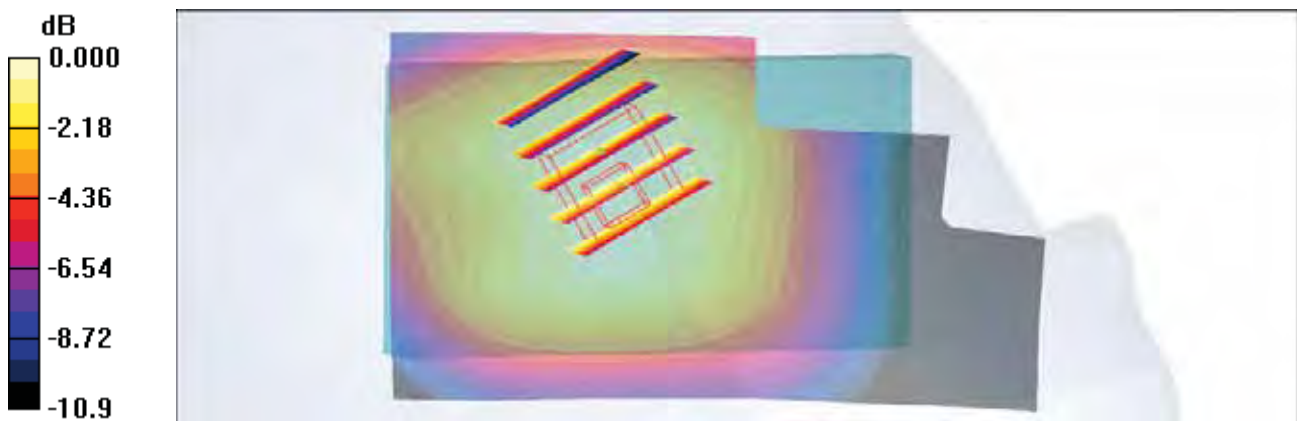
Ch4233/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 8.58 V/m; Power Drift = -0.024 dB

Peak SAR (extrapolated) = 0.101 W/kg

SAR(1 g) = 0.082 mW/g; SAR(10 g) = 0.061 mW/g

Maximum value of SAR (measured) = 0.086 mW/g



0 dB = 0.086mW/g

#25 WCDMA II_RMC12.2K_Right Cheek_Ch9400_Sample1

DUT: 092829-01

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

Medium: HSL_1900_101217 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.43$ mho/m; $\epsilon_r = 38.2$; $\rho = 1000$ kg/m³

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

DASY4 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(5.09, 5.09, 5.09); Calibrated: 2010/5/18
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2010/8/18
- Phantom: SAM-Left; Type: QD 000 P40 C; Serial: TP-1477
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch9400/Area Scan (41x71x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.989 mW/g

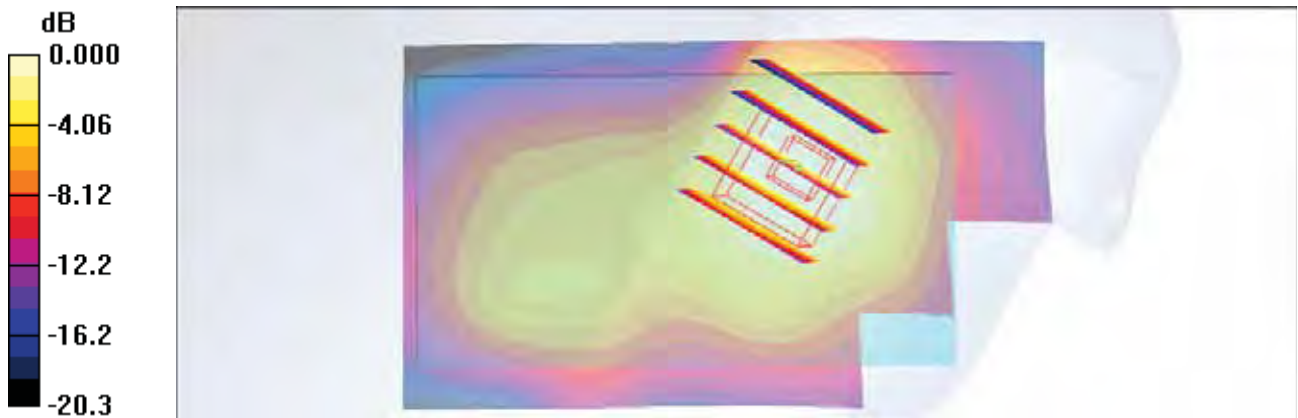
Ch9400/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 11.1 V/m; Power Drift = -0.170 dB

Peak SAR (extrapolated) = 1.13 W/kg

SAR(1 g) = 0.817 mW/g; SAR(10 g) = 0.506 mW/g

Maximum value of SAR (measured) = 0.894 mW/g



0 dB = 0.894mW/g

#25 WCDMA II_RMC12.2K_Right Cheek_Ch9400_Sample1_2D

DUT: 092829-01

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

Medium: HSL_1900_101217 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.43$ mho/m; $\epsilon_r = 38.2$; $\rho = 1000$ kg/m³

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

DASY4 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(5.09, 5.09, 5.09); Calibrated: 2010/5/18
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2010/8/18
- Phantom: SAM-Left; Type: QD 000 P40 C; Serial: TP-1477
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch9400/Area Scan (41x71x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.989 mW/g

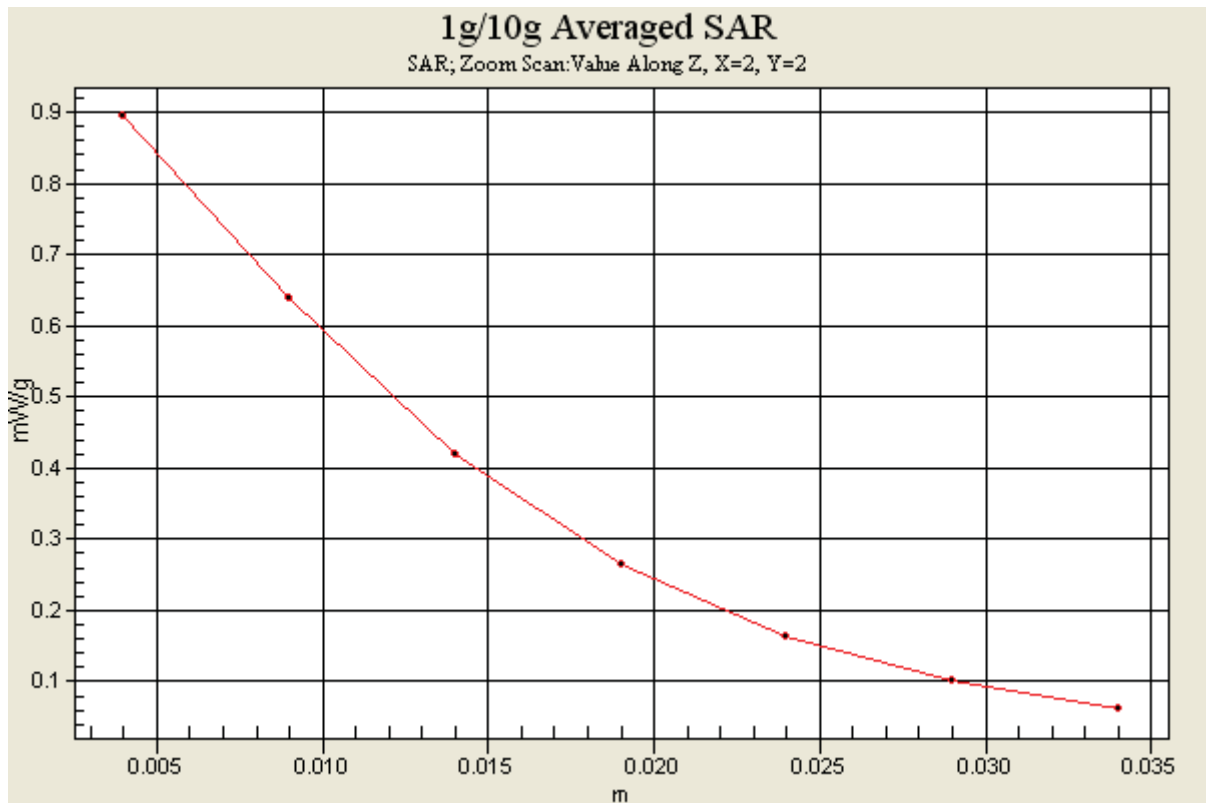
Ch9400/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 11.1 V/m; Power Drift = -0.170 dB

Peak SAR (extrapolated) = 1.13 W/kg

SAR(1 g) = 0.817 mW/g; SAR(10 g) = 0.506 mW/g

Maximum value of SAR (measured) = 0.894 mW/g



#26 WCDMA II_RMC12.2K_Right Tilted_Ch9400_Sample1

DUT: 092829-01

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

Medium: HSL_1900_101217 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.43$ mho/m; $\epsilon_r = 38.2$; $\rho = 1000$ kg/m³

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

DASY4 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(5.09, 5.09, 5.09); Calibrated: 2010/5/18
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2010/8/18
- Phantom: SAM-Left; Type: QD 000 P40 C; Serial: TP-1477
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch9400/Area Scan (41x71x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.533 mW/g

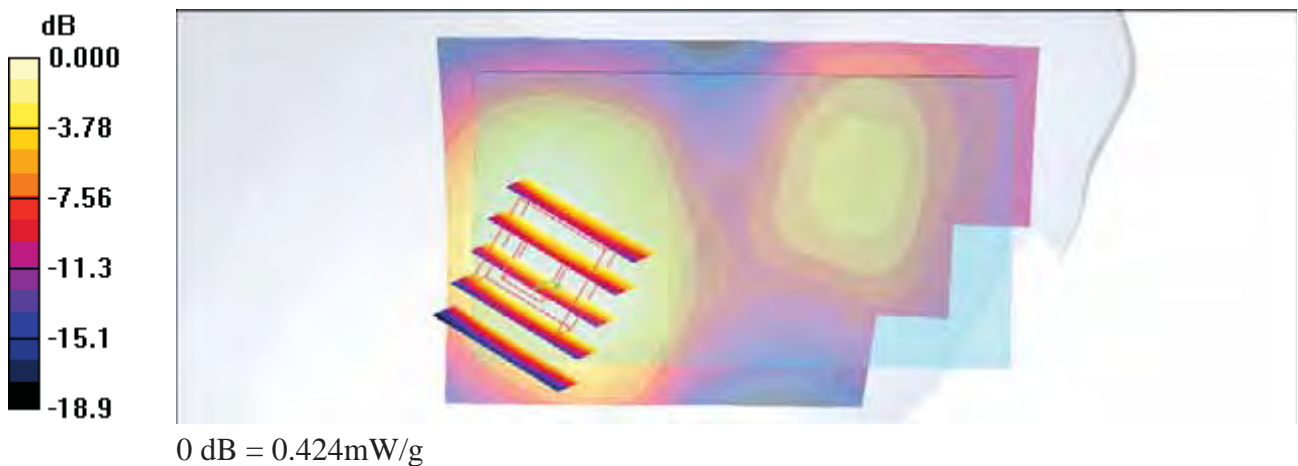
Ch9400/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 17.5 V/m; Power Drift = -0.114 dB

Peak SAR (extrapolated) = 0.609 W/kg

SAR(1 g) = 0.403 mW/g; SAR(10 g) = 0.252 mW/g

Maximum value of SAR (measured) = 0.424 mW/g



#27 WCDMA II_RMC12.2K_Left Cheek_Ch9400_Sample1

DUT: 092829-01

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

Medium: HSL_1900_101217 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.43$ mho/m; $\epsilon_r = 38.2$; $\rho = 1000$ kg/m³

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

DASY4 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(5.09, 5.09, 5.09); Calibrated: 2010/5/18
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2010/8/18
- Phantom: SAM-Left; Type: QD 000 P40 C; Serial: TP-1477
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch9400/Area Scan (41x71x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.774 mW/g

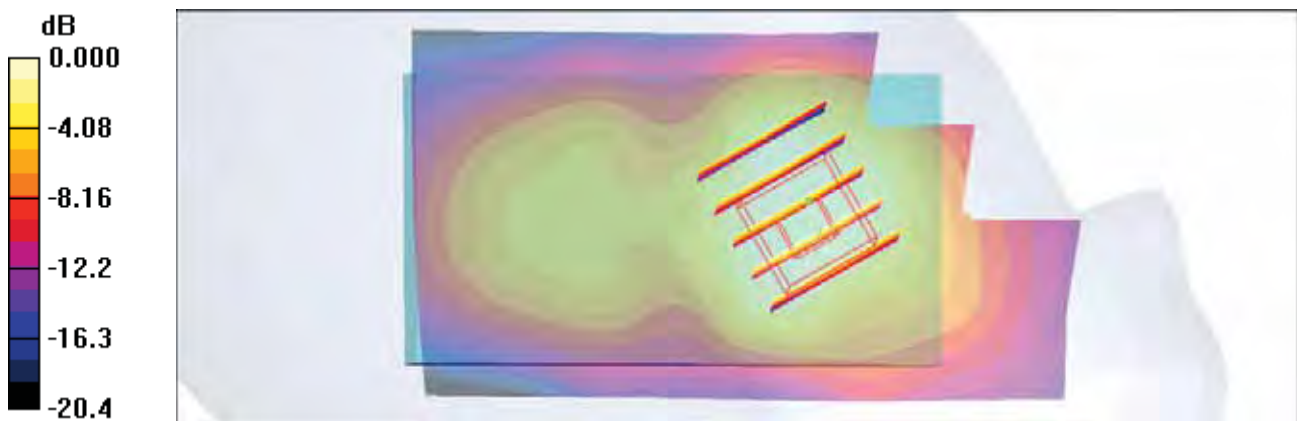
Ch9400/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 11.8 V/m; Power Drift = -0.153 dB

Peak SAR (extrapolated) = 0.897 W/kg

SAR(1 g) = 0.668 mW/g; SAR(10 g) = 0.441 mW/g

Maximum value of SAR (measured) = 0.710 mW/g



0 dB = 0.710mW/g

#28 WCDMA II_RMC12.2K_Left Tilted_Ch9400_Sample1

DUT: 092829-01

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

Medium: HSL_1900_101217 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.43$ mho/m; $\epsilon_r = 38.2$; $\rho = 1000$ kg/m³

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

DASY4 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(5.09, 5.09, 5.09); Calibrated: 2010/5/18
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2010/8/18
- Phantom: SAM-Left; Type: QD 000 P40 C; Serial: TP-1477
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch9400/Area Scan (41x71x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.451 mW/g

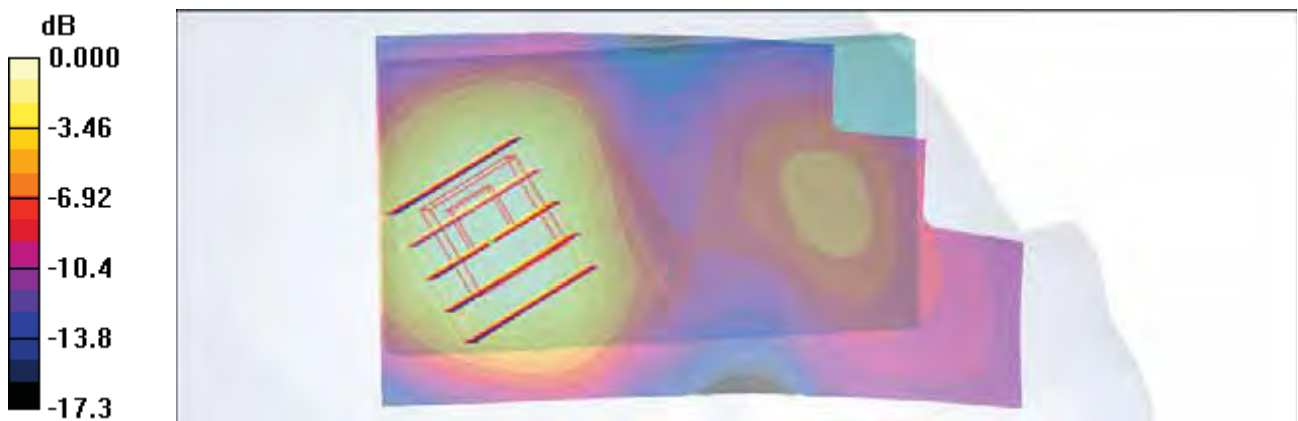
Ch9400/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 17.2 V/m; Power Drift = -0.121 dB

Peak SAR (extrapolated) = 0.558 W/kg

SAR(1 g) = 0.374 mW/g; SAR(10 g) = 0.231 mW/g

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



0 dB = 0.401mW/g

#31 WCDMA II_RMC12.2K_Right Cheek_Ch9400_Sample2

DUT: 092829-01

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

Medium: HSL_1900_101217 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.43$ mho/m; $\epsilon_r = 38.2$; $\rho = 1000$ kg/m³

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

DASY4 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(5.09, 5.09, 5.09); Calibrated: 2010/5/18
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2010/8/18
- Phantom: SAM-Left; Type: QD 000 P40 C; Serial: TP-1477
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch9400/Area Scan (41x71x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.346 mW/g

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

Reference Value = 9.58 V/m; Power Drift = 0.162 dB

Peak SAR (extrapolated) = 0.406 W/kg

SAR(1 g) = 0.297 mW/g; SAR(10 g) = 0.198 mW/g

Maximum value of SAR (measured) = 0.315 mW/g

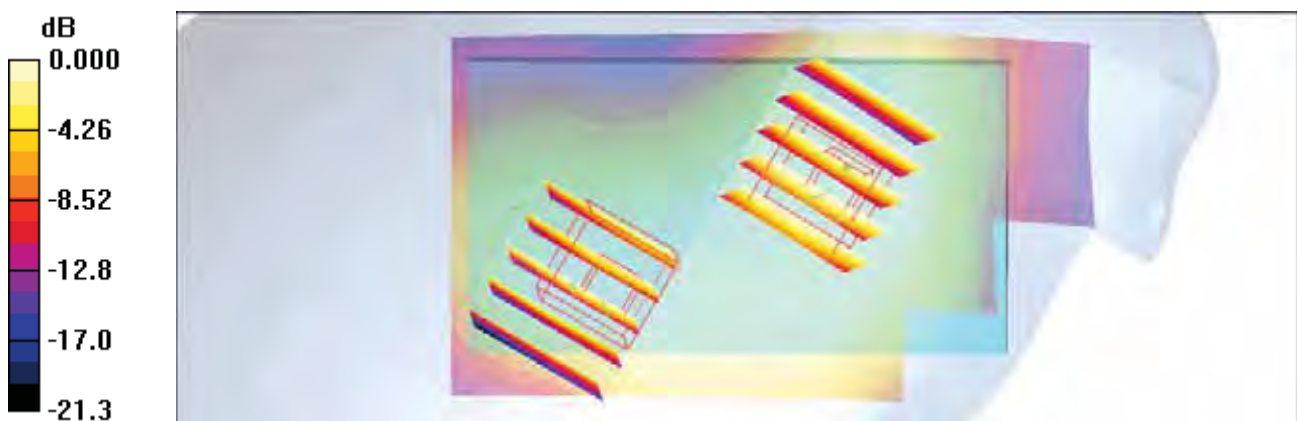
Ch9400/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 9.58 V/m; Power Drift = 0.162 dB

Peak SAR (extrapolated) = 0.282 W/kg

SAR(1 g) = 0.204 mW/g; SAR(10 g) = 0.131 mW/g

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



0 dB = 0.223mW/g

#32 WCDMA II_RMC12.2K_Right Tilted_Ch9400_Sample2

DUT: 092829-01

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

Medium: HSL_1900_101217 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.43$ mho/m; $\epsilon_r = 38.2$; $\rho = 1000$ kg/m³

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

DASY4 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(5.09, 5.09, 5.09); Calibrated: 2010/5/18
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2010/8/18
- Phantom: SAM-Left; Type: QD 000 P40 C; Serial: TP-1477
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch9400/Area Scan (41x71x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.468 mW/g

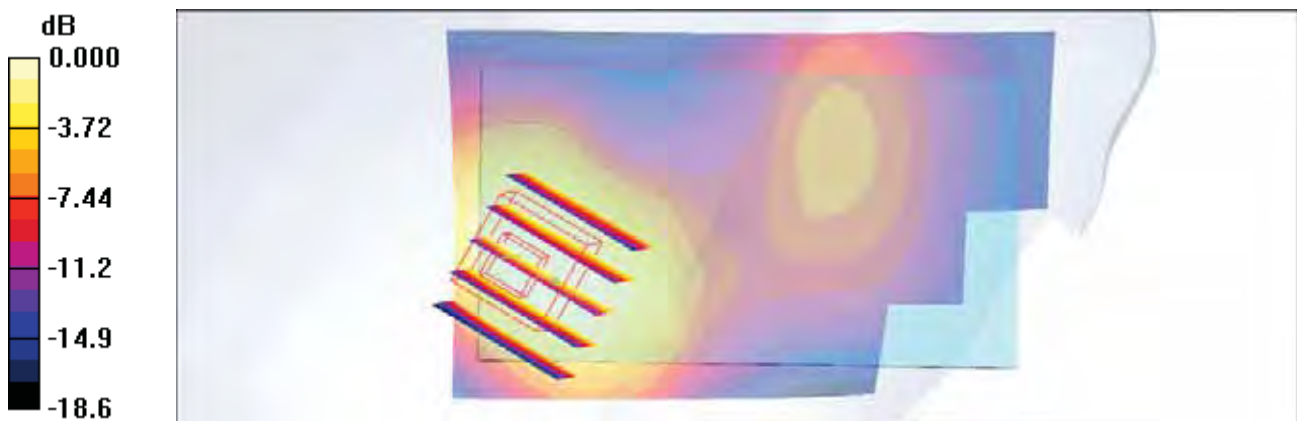
Ch9400/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 16.8 V/m; Power Drift = 0.108 dB

Peak SAR (extrapolated) = 0.733 W/kg

SAR(1 g) = 0.431 mW/g; SAR(10 g) = 0.243 mW/g

Maximum value of SAR (measured) = 0.453 mW/g



0 dB = 0.453mW/g

#32 WCDMA II_RMC12.2K_Right Tilted_Ch9400_Sample2_2D

DUT: 092829-01

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

Medium: HSL_1900_101217 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.43$ mho/m; $\epsilon_r = 38.2$; $\rho = 1000$ kg/m³

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

DASY4 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(5.09, 5.09, 5.09); Calibrated: 2010/5/18
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2010/8/18
- Phantom: SAM-Left; Type: QD 000 P40 C; Serial: TP-1477
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch9400/Area Scan (41x71x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.468 mW/g

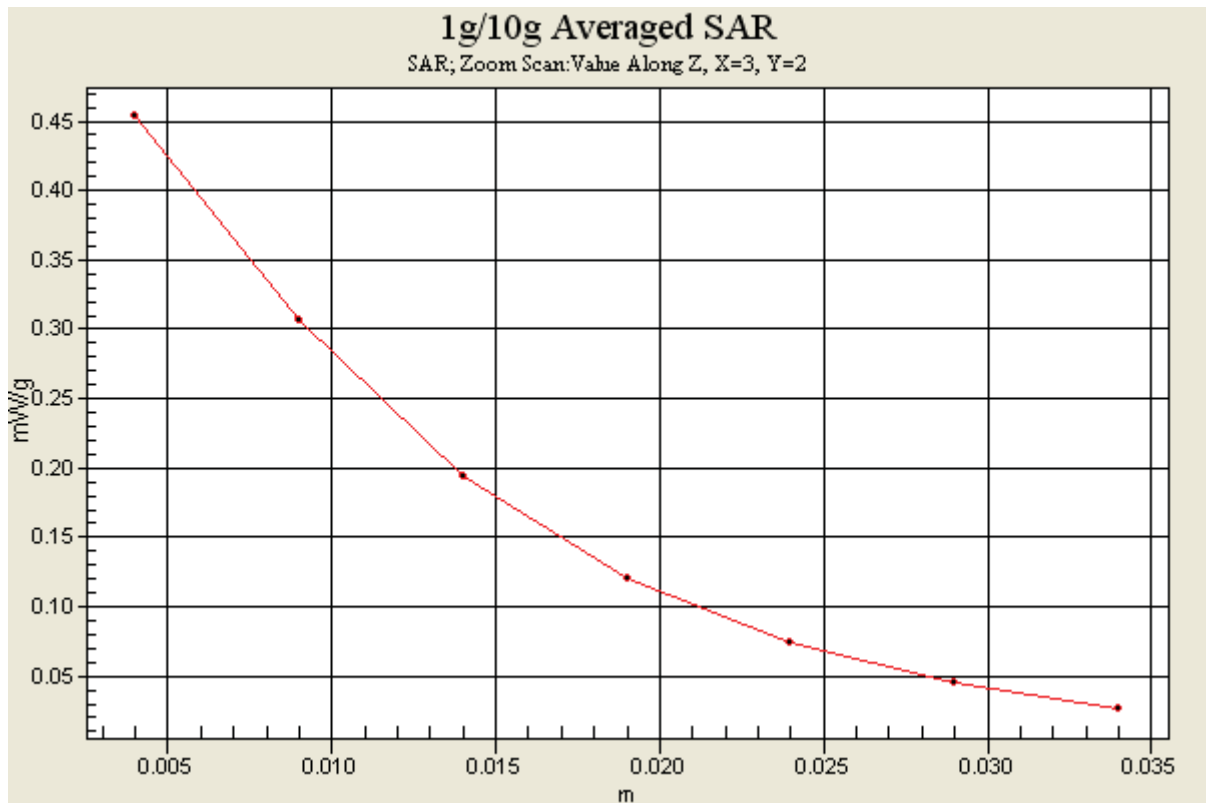
Ch9400/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 16.8 V/m; Power Drift = 0.108 dB

Peak SAR (extrapolated) = 0.733 W/kg

SAR(1 g) = 0.431 mW/g; SAR(10 g) = 0.243 mW/g

Maximum value of SAR (measured) = 0.453 mW/g



#33 WCDMA II_RMC12.2K_Left Cheek_Ch9400_Sample2

DUT: 092829-01

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

Medium: HSL_1900_101217 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.43$ mho/m; $\epsilon_r = 38.2$; $\rho = 1000$ kg/m³

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

DASY4 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(5.09, 5.09, 5.09); Calibrated: 2010/5/18
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2010/8/18
- Phantom: SAM-Left; Type: QD 000 P40 C; Serial: TP-1477
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch9400/Area Scan (41x71x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.456 mW/g

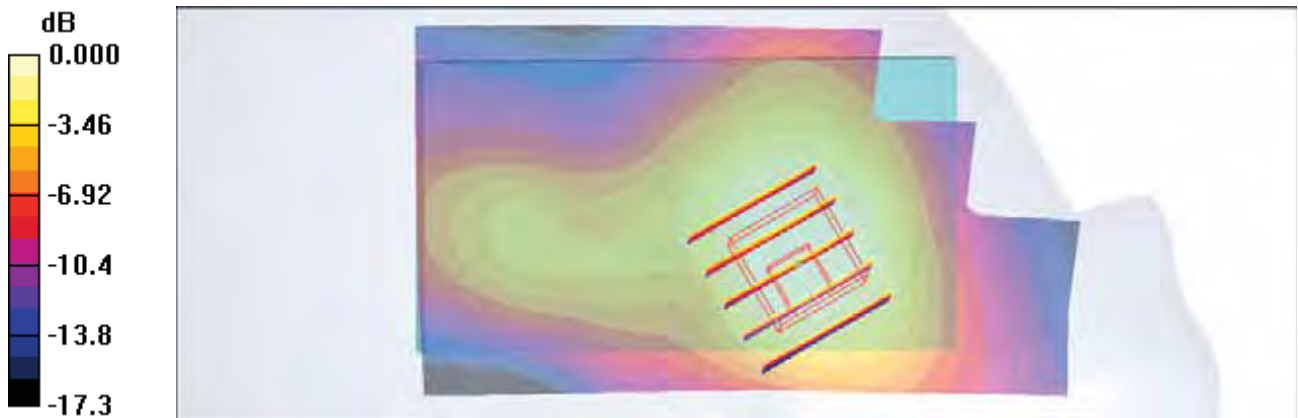
Ch9400/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 11.3 V/m; Power Drift = -0.003 dB

Peak SAR (extrapolated) = 0.550 W/kg

SAR(1 g) = 0.379 mW/g; SAR(10 g) = 0.247 mW/g

Maximum value of SAR (measured) = 0.406 mW/g



0 dB = 0.406mW/g

#34 WCDMA II_RMC12.2K_Left Tilted_Ch9400_Sample2

DUT: 092829-01

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

Medium: HSL_1900_101217 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.43$ mho/m; $\epsilon_r = 38.2$; $\rho = 1000$ kg/m³

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

DASY4 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(5.09, 5.09, 5.09); Calibrated: 2010/5/18
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2010/8/18
- Phantom: SAM-Left; Type: QD 000 P40 C; Serial: TP-1477
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch9400/Area Scan (41x71x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.378 mW/g

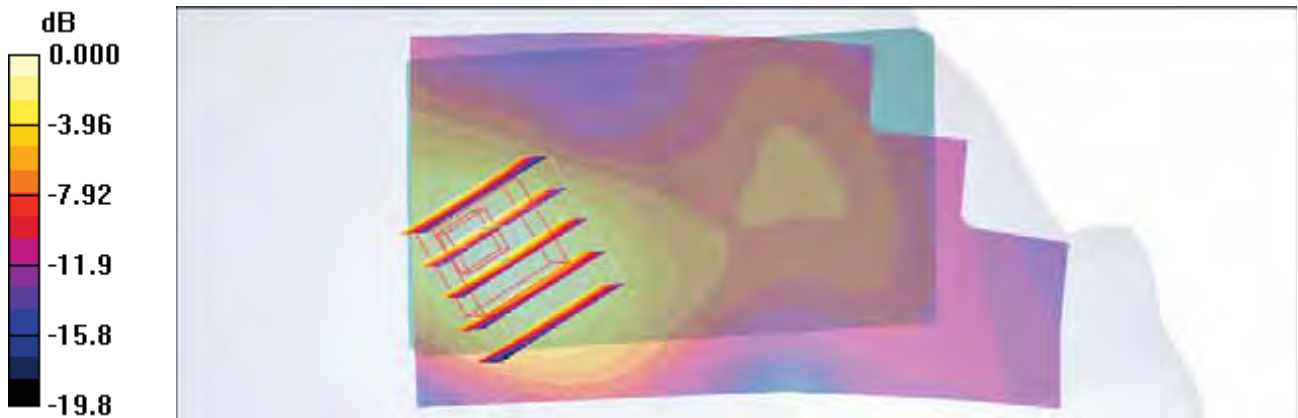
Ch9400/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 16.5 V/m; Power Drift = 0.081 dB

Peak SAR (extrapolated) = 0.579 W/kg

SAR(1 g) = 0.355 mW/g; SAR(10 g) = 0.199 mW/g

Maximum value of SAR (measured) = 0.387 mW/g



0 dB = 0.387mW/g

#35 GSM850_GPRS10_Front Face_1cm_Ch190_Sample1

DUT: 092829-01

Communication System: GSM850; Frequency: 836.6 MHz; Duty Cycle: 1:4

Medium: MSL_850_101217 Medium parameters used: $f = 837$ MHz; $\sigma = 0.999$ mho/m; $\epsilon_r = 55.4$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.7 °C; Liquid Temperature : 21.2 °C

DASY4 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(6.12, 6.12, 6.12); Calibrated: 2010/5/18
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2010/8/18
- 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

Ch190/Area Scan (41x71x1): Measurement grid: dx=20mm, dy=20mm

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

Ch190/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 7.21 V/m; Power Drift = -0.007 dB

Peak SAR (extrapolated) = 0.314 W/kg

SAR(1 g) = 0.244 mW/g; SAR(10 g) = 0.183 mW/g

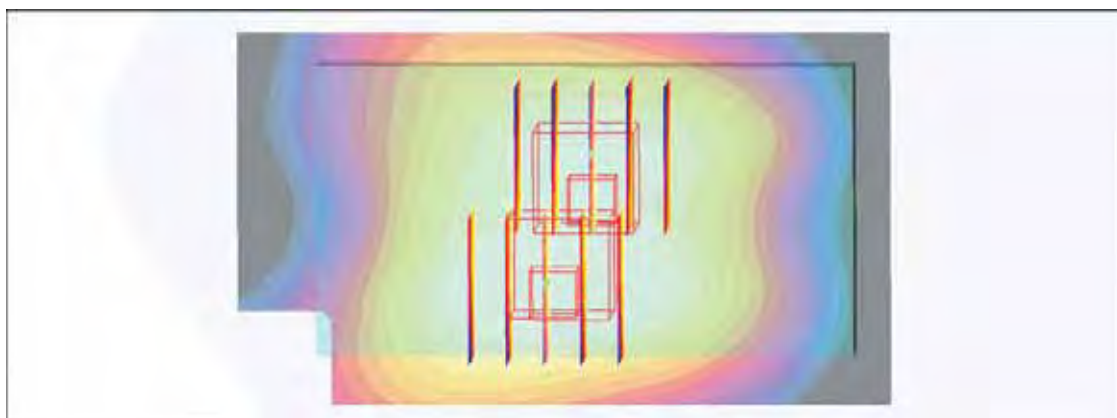
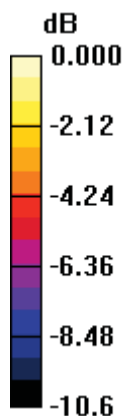
Maximum value of SAR (measured) = 0.256 mW/g

Ch190/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 7.21 V/m; Power Drift = -0.007 dB

Peak SAR (extrapolated) = 0.267 W/kg

SAR(1 g) = 0.221 mW/g; SAR(10 g) = 0.167 mW/g



0 dB = 0.236mW/g

#35 GSM850_GPRS10_Front Face_1cm_Ch190_Sample1_2D

DUT: 092829-01

Communication System: GSM850; Frequency: 836.6 MHz; Duty Cycle: 1:4

Medium: MSL_850_101217 Medium parameters used: $f = 837$ MHz; $\sigma = 0.999$ mho/m; $\epsilon_r = 55.4$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.7 °C; Liquid Temperature : 21.2 °C

DASY4 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(6.12, 6.12, 6.12); Calibrated: 2010/5/18
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2010/8/18
- 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

Ch190/Area Scan (41x71x1): Measurement grid: dx=20mm, dy=20mm

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

Ch190/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 7.21 V/m; Power Drift = -0.007 dB

Peak SAR (extrapolated) = 0.314 W/kg

SAR(1 g) = 0.244 mW/g; SAR(10 g) = 0.183 mW/g

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

Ch190/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 7.21 V/m; Power Drift = -0.007 dB

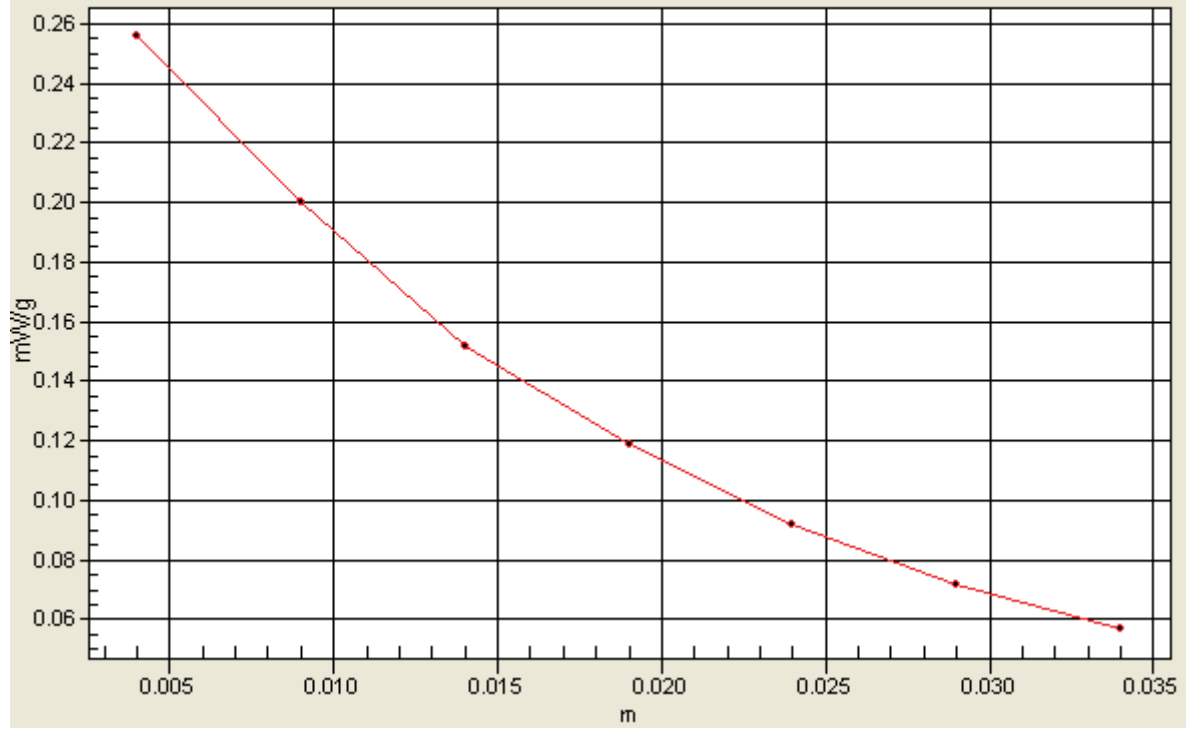
Peak SAR (extrapolated) = 0.267 W/kg

SAR(1 g) = 0.221 mW/g; SAR(10 g) = 0.167 mW/g

Maximum value of SAR (measured) = 0.236 mW/g

1g/10g Averaged SAR

SAR; Zoom Scan: Value Along Z, X=2, Y=2



#36 GSM850_GPRS10_Rear Face_1cm_Ch190_Sample1

DUT: 092829-01

Communication System: GSM850; Frequency: 836.6 MHz; Duty Cycle: 1:4

Medium: MSL_850_101217 Medium parameters used: $f = 837$ MHz; $\sigma = 0.999$ mho/m; $\epsilon_r = 55.4$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.7 °C ; Liquid Temperature : 21.2 °C

DASY4 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(6.12, 6.12, 6.12); Calibrated: 2010/5/18
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2010/8/18
- 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

Ch190/Area Scan (71x71x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.031 mW/g

Ch190/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 2.74 V/m; Power Drift = -0.166 dB

Peak SAR (extrapolated) = 0.041 W/kg

SAR(1 g) = 0.032 mW/g; SAR(10 g) = 0.023 mW/g

Maximum value of SAR (measured) = 0.034 mW/g

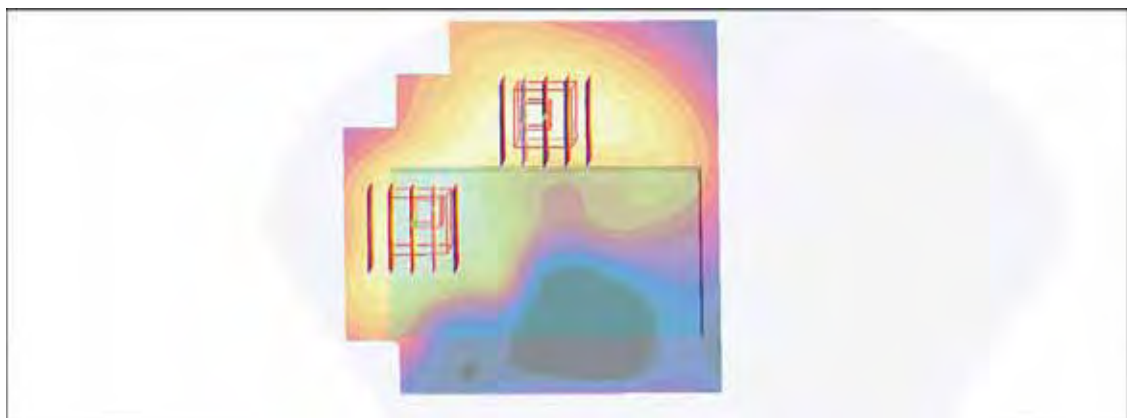
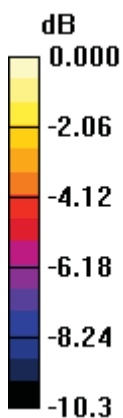
Ch190/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 2.74 V/m; Power Drift = -0.166 dB

Peak SAR (extrapolated) = 0.036 W/kg

SAR(1 g) = 0.027 mW/g; SAR(10 g) = 0.018 mW/g

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



0 dB = 0.029mW/g

#37 GSM850_GPRS10_Bottom Side_1cm_Ch190_Sample1

DUT: 092829-01

Communication System: GSM850; Frequency: 836.6 MHz; Duty Cycle: 1:4

Medium: MSL_850_101217 Medium parameters used: $f = 837 \text{ MHz}$; $\sigma = 0.999 \text{ mho/m}$; $\epsilon_r = 55.4$; $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature : $22.7 \text{ }^\circ\text{C}$; Liquid Temperature : $21.2 \text{ }^\circ\text{C}$

DASY4 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(6.12, 6.12, 6.12); Calibrated: 2010/5/18
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2010/8/18
- 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

Ch190/Area Scan (41x61x1): Measurement grid: $dx=20\text{mm}$, $dy=20\text{mm}$

Maximum value of SAR (interpolated) = 0.063 mW/g

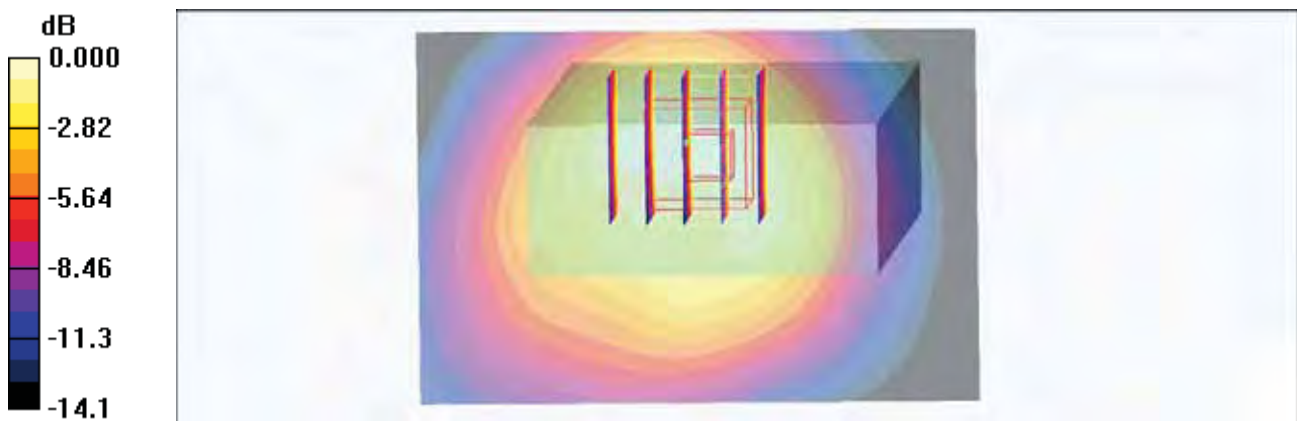
Ch190/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 6.75 V/m ; Power Drift = -0.019 dB

Peak SAR (extrapolated) = 0.095 W/kg

SAR(1 g) = 0.057 mW/g ; SAR(10 g) = 0.034 mW/g

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



0 dB = 0.062mW/g

#38 GSM850_GPRS10_Left Side_1cm_Ch190_Sample1

DUT: 092829-01

Communication System: GSM850; Frequency: 836.6 MHz; Duty Cycle: 1:4

Medium: MSL_850_101217 Medium parameters used: $f = 837$ MHz; $\sigma = 0.999$ mho/m; $\epsilon_r = 55.4$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.7 °C ; Liquid Temperature : 21.2 °C

DASY4 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(6.12, 6.12, 6.12); Calibrated: 2010/5/18
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2010/8/18
- 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

Ch190/Area Scan (41x91x1): Measurement grid: dx=20mm, dy=20mm

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

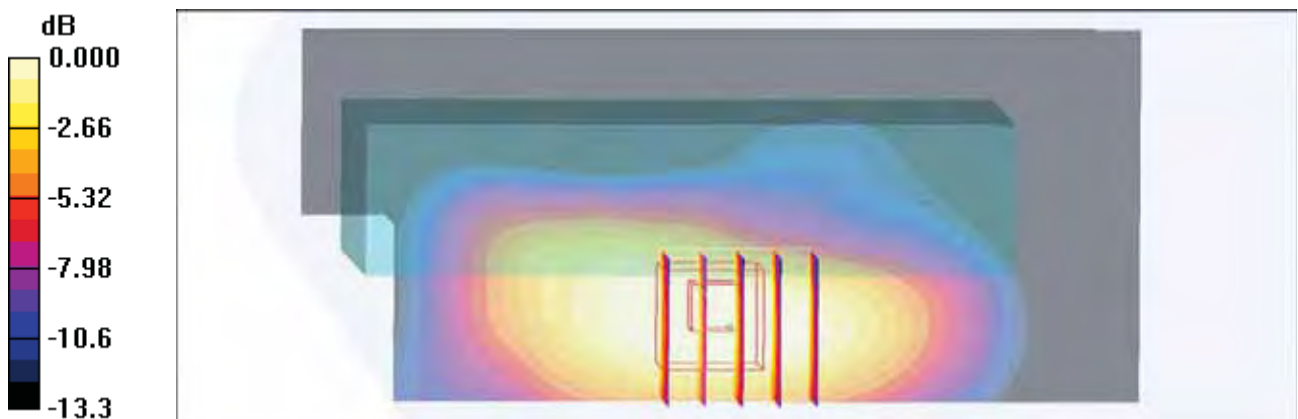
Ch190/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 2.88 V/m; Power Drift = -0.106 dB

Peak SAR (extrapolated) = 0.175 W/kg

SAR(1 g) = 0.126 mW/g; SAR(10 g) = 0.083 mW/g

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



0 dB = 0.131mW/g

#39 GSM850_GPRS10_Right Side_1cm_Ch190_Sample1

DUT: 092829-01

Communication System: GSM850; Frequency: 836.6 MHz; Duty Cycle: 1:4

Medium: MSL_850_101217 Medium parameters used: $f = 837$ MHz; $\sigma = 0.999$ mho/m; $\epsilon_r = 55.4$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.7 °C ; Liquid Temperature : 21.2 °C

DASY4 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(6.12, 6.12, 6.12); Calibrated: 2010/5/18
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2010/8/18
- 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

Ch190/Area Scan (41x91x1): Measurement grid: dx=20mm, dy=20mm

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

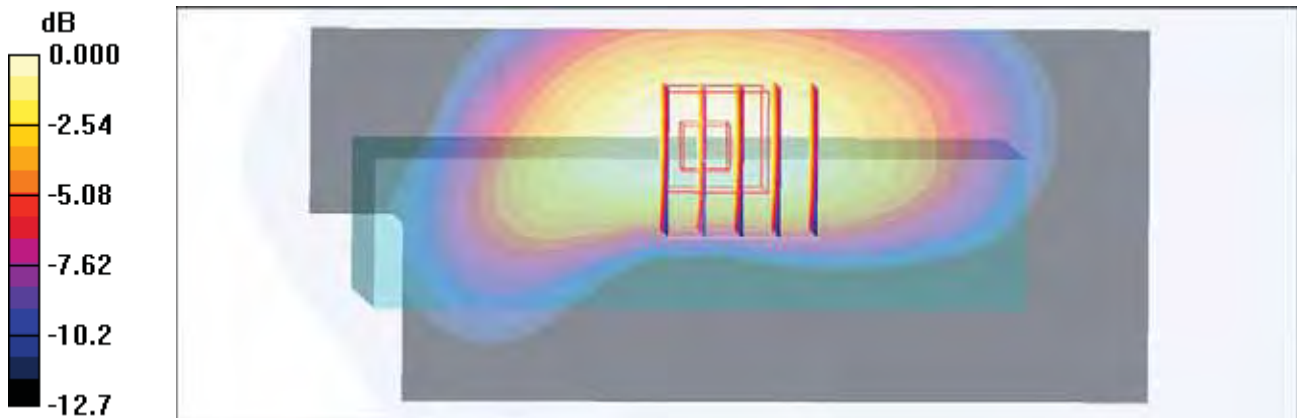
Ch190/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 5.38 V/m; Power Drift = 0.165 dB

Peak SAR (extrapolated) = 0.290 W/kg

SAR(1 g) = 0.211 mW/g; SAR(10 g) = 0.142 mW/g

Maximum value of SAR (measured) = 0.228 mW/g



0 dB = 0.228mW/g

#41 GSM850_GPRS10_Front Face_1cm_Ch190_Sample2

DUT: 092829-01

Communication System: GSM850; Frequency: 836.6 MHz; Duty Cycle: 1:4

Medium: MSL_850_101217 Medium parameters used: $f = 837$ MHz; $\sigma = 0.999$ mho/m; $\epsilon_r = 55.4$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.7 °C ; Liquid Temperature : 21.2 °C

DASY4 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(6.12, 6.12, 6.12); Calibrated: 2010/5/18
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2010/8/18
- 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

Ch190/Area Scan (41x71x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.097 mW/g

Ch190/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 3.45 V/m; Power Drift = -0.140 dB

Peak SAR (extrapolated) = 0.145 W/kg

SAR(1 g) = 0.097 mW/g; SAR(10 g) = 0.063 mW/g

Maximum value of SAR (measured) = 0.107 mW/g

Ch190/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 3.45 V/m; Power Drift = -0.140 dB

Peak SAR (extrapolated) = 0.089 W/kg

SAR(1 g) = 0.070 mW/g; SAR(10 g) = 0.053 mW/g

Maximum value of SAR (measured) = 0.074 mW/g



0 dB = 0.074mW/g

#42 GSM850_GPRS10_Rear Face_1cm_Ch190_Sample2

DUT: 092829-01

Communication System: GSM850; Frequency: 836.6 MHz; Duty Cycle: 1:4

Medium: MSL_850_101217 Medium parameters used: $f = 837$ MHz; $\sigma = 0.999$ mho/m; $\epsilon_r = 55.4$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.7 °C; Liquid Temperature : 21.2 °C

DASY4 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(6.12, 6.12, 6.12); Calibrated: 2010/5/18
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2010/8/18
- 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

Ch190/Area Scan (71x71x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.023 mW/g

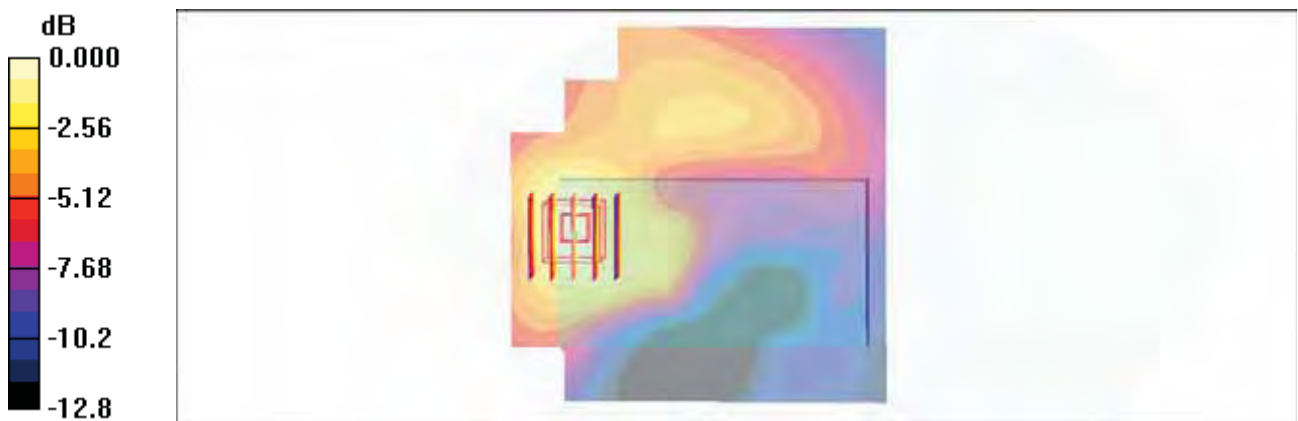
Ch190/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 1.56 V/m; Power Drift = -0.198 dB

Peak SAR (extrapolated) = 0.028 W/kg

SAR(1 g) = 0.022 mW/g; SAR(10 g) = 0.015 mW/g

Maximum value of SAR (measured) = 0.024 mW/g



0 dB = 0.024mW/g

#43 GSM850_GPRS10_Bottom Side_1cm_Ch190_Sample2

DUT: 092829-01

Communication System: GSM850; Frequency: 836.6 MHz; Duty Cycle: 1:4

Medium: MSL_850_101217 Medium parameters used: $f = 837$ MHz; $\sigma = 0.999$ mho/m; $\epsilon_r = 55.4$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.7 °C; Liquid Temperature : 21.2 °C

DASY4 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(6.12, 6.12, 6.12); Calibrated: 2010/5/18
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2010/8/18
- 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

Ch190/Area Scan (41x61x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.042 mW/g

Ch190/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 5.54 V/m; Power Drift = -0.059 dB

Peak SAR (extrapolated) = 0.062 W/kg

SAR(1 g) = 0.038 mW/g; SAR(10 g) = 0.023 mW/g

Maximum value of SAR (measured) = 0.041 mW/g

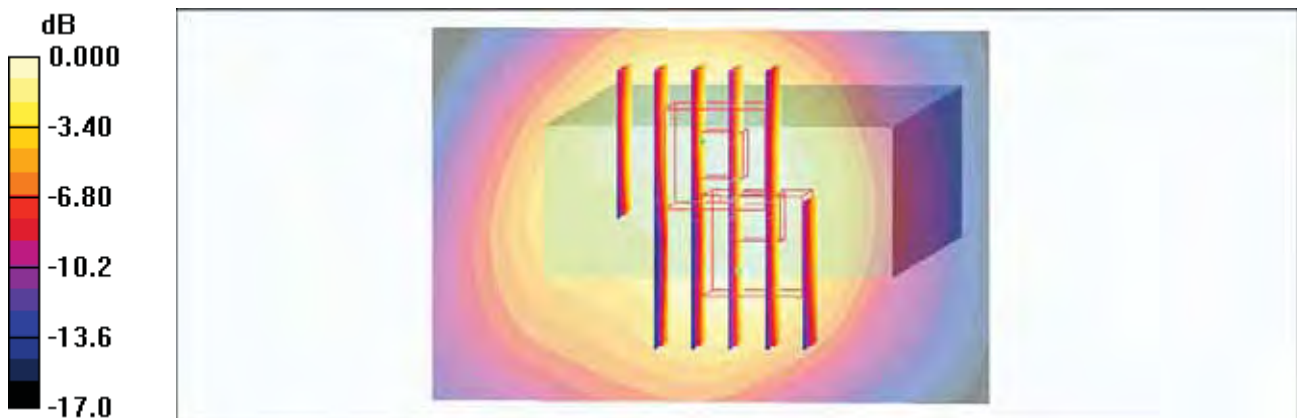
Ch190/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 5.54 V/m; Power Drift = -0.059 dB

Peak SAR (extrapolated) = 0.064 W/kg

SAR(1 g) = 0.036 mW/g; SAR(10 g) = 0.021 mW/g

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



0 dB = 0.040mW/g

#44 GSM850_GPRS10_Left Side_1cm_Ch190_Sample2

DUT: 092829-01

Communication System: GSM850; Frequency: 836.6 MHz; Duty Cycle: 1:4

Medium: MSL_850_101217 Medium parameters used: $f = 837$ MHz; $\sigma = 0.999$ mho/m; $\epsilon_r = 55.4$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.7 °C ; Liquid Temperature : 21.2 °C

DASY4 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(6.12, 6.12, 6.12); Calibrated: 2010/5/18
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2010/8/18
- 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

Ch190/Area Scan (41x91x1): Measurement grid: dx=20mm, dy=20mm

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

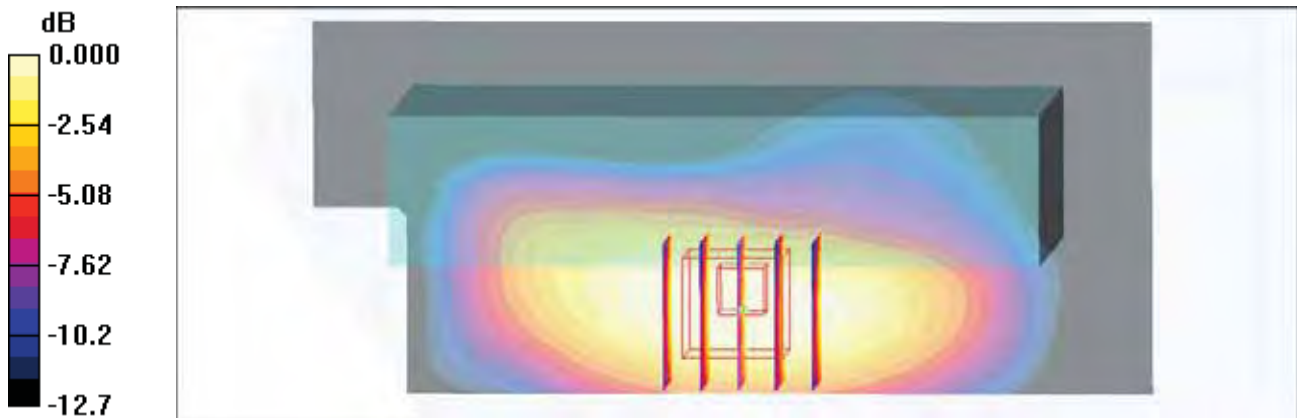
Ch190/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 2.46 V/m; Power Drift = -0.103 dB

Peak SAR (extrapolated) = 0.081 W/kg

SAR(1 g) = 0.057 mW/g; SAR(10 g) = 0.037 mW/g

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



0 dB = 0.059mW/g

#45 GSM850_GPRS10_Right Side_1cm_Ch190_Sample2

DUT: 092829-01

Communication System: GSM850; Frequency: 836.6 MHz; Duty Cycle: 1:4

Medium: MSL_850_101217 Medium parameters used: $f = 837$ MHz; $\sigma = 0.999$ mho/m; $\epsilon_r = 55.4$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.7 °C ; Liquid Temperature : 21.2 °C

DASY4 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(6.12, 6.12, 6.12); Calibrated: 2010/5/18
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2010/8/18
- 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

Ch190/Area Scan (41x91x1): Measurement grid: dx=20mm, dy=20mm

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

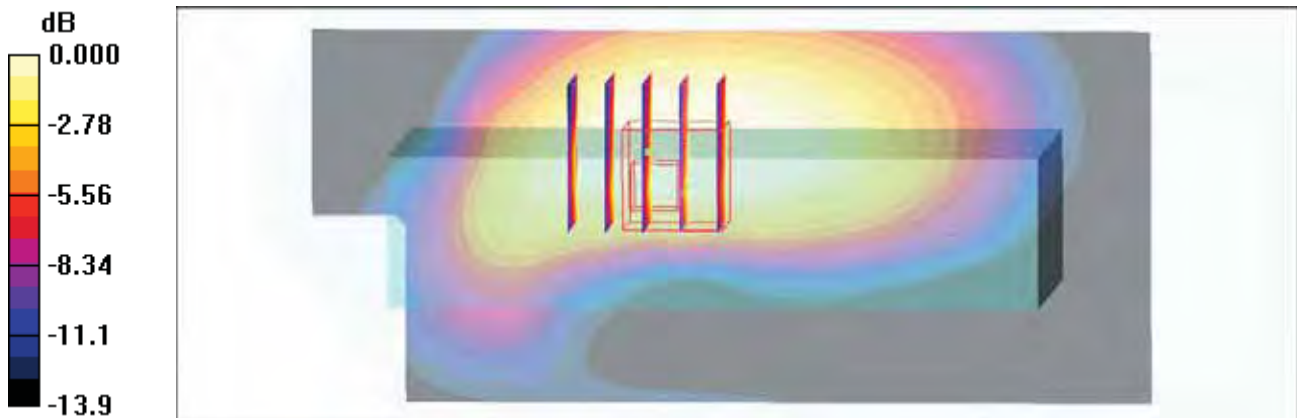
Ch190/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 3.70 V/m; Power Drift = -0.130 dB

Peak SAR (extrapolated) = 0.146 W/kg

SAR(1 g) = 0.092 mW/g; SAR(10 g) = 0.053 mW/g

Maximum value of SAR (measured) = 0.107 mW/g



0 dB = 0.107mW/g

#59 GSM1900_GPRS10_Front Face_1cm_Ch810_Sample1

DUT: 092829-01

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

Medium: MSL_1900_101220 Medium parameters used: $f = 1910$ MHz; $\sigma = 1.51$ mho/m; $\epsilon_r = 54.8$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.5 °C; Liquid Temperature : 21.4 °C

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(4.47, 4.47, 4.47); Calibrated: 2010/5/18
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2010/8/18
- Phantom: SAM - Front; Type: SAM; Serial: TP-1446
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD Version 13.4 Build 125

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

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

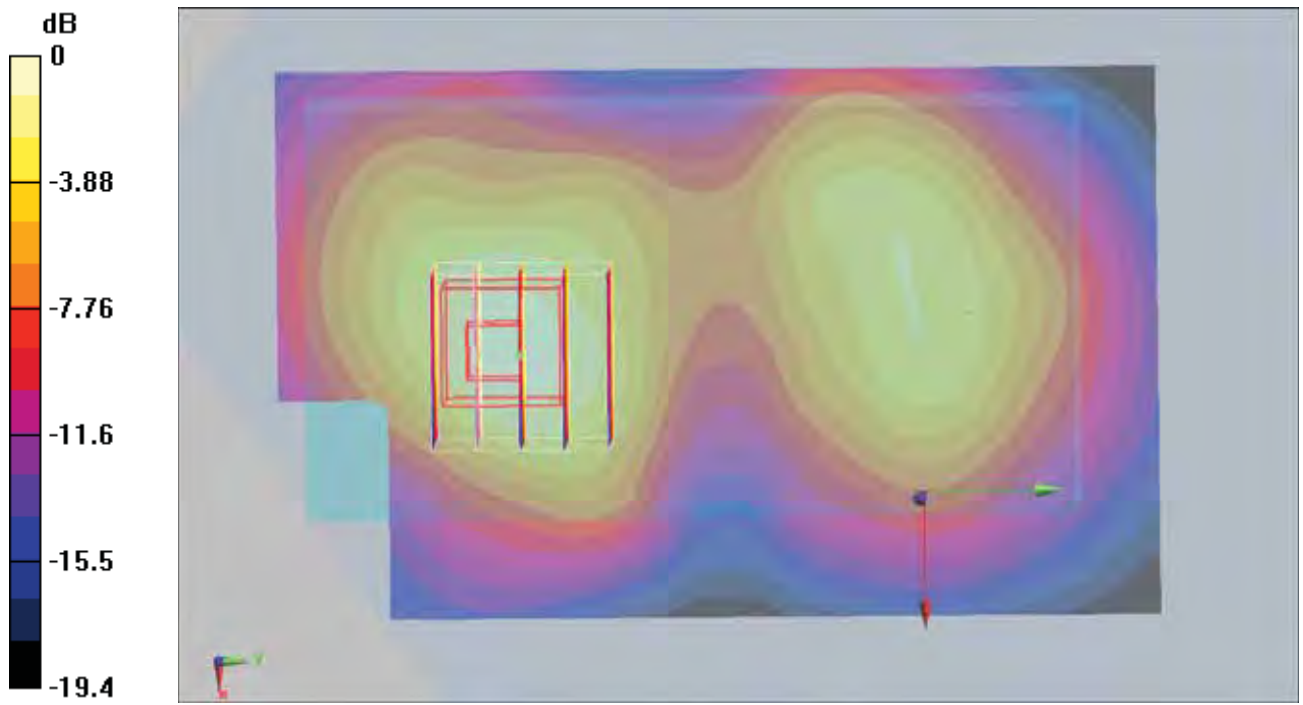
Ch810/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 15.8 V/m; Power Drift = -0.148 dB

Peak SAR (extrapolated) = 0.885 W/kg

SAR(1 g) = 0.567 mW/g; SAR(10 g) = 0.326 mW/g

Maximum value of SAR (measured) = 0.634 mW/g



0 dB = 0.634mW/g

#59 GSM1900_GPRS10_Front Face_1cm_Ch810_Sample1_2D

DUT: 092829-01

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

Medium: MSL_1900_101220 Medium parameters used: $f = 1910 \text{ MHz}$; $\sigma = 1.51 \text{ mho/m}$; $\epsilon_r = 54.8$; $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature : 22.5 °C ; Liquid Temperature : 21.4 °C

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(4.47, 4.47, 4.47); Calibrated: 2010/5/18
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2010/8/18
- Phantom: SAM - Front; Type: SAM; Serial: TP-1446
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD Version 13.4 Build 125

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

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

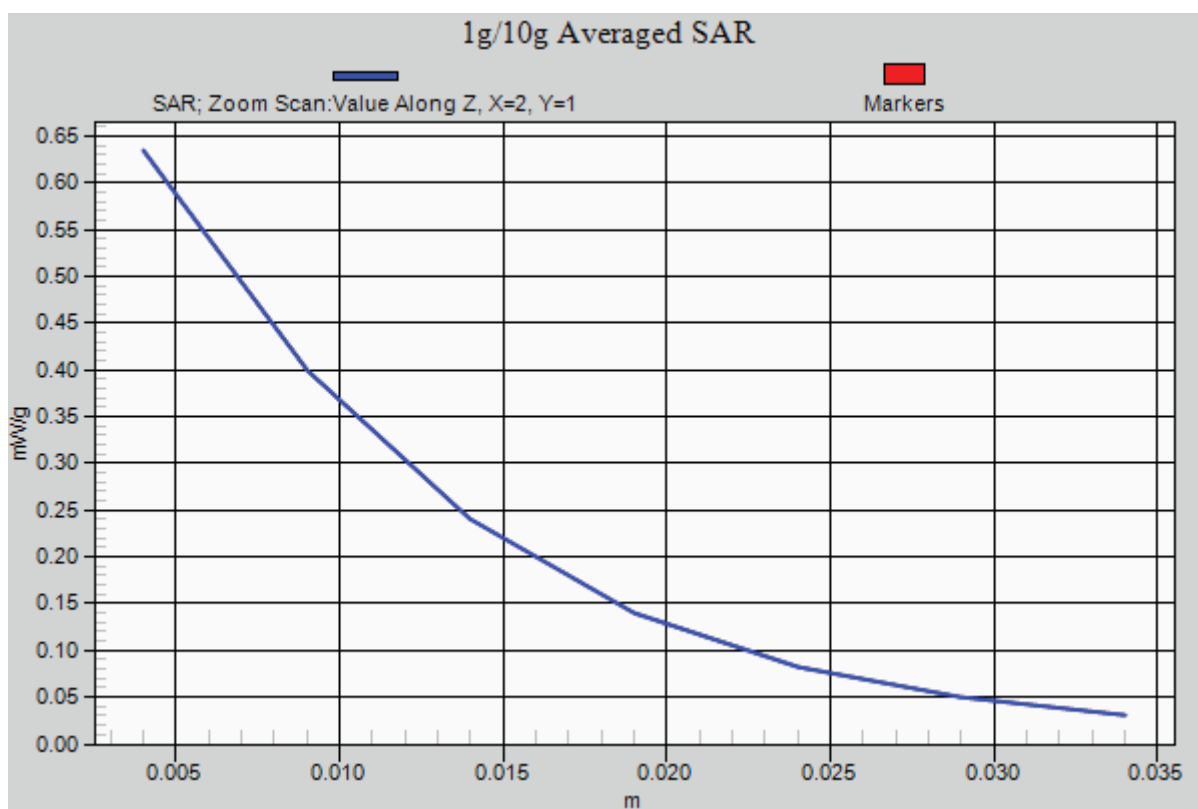
Ch810/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 15.8 V/m; Power Drift = -0.148 dB

Peak SAR (extrapolated) = 0.885 W/kg

SAR(1 g) = 0.567 mW/g; SAR(10 g) = 0.326 mW/g

Maximum value of SAR (measured) = 0.634 mW/g



#60 GSM1900_GPRS10_Rear Face_1cm_Ch810_Sample1

DUT: 092829-01

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

Medium: MSL_1900_101220 Medium parameters used: $f = 1910$ MHz; $\sigma = 1.51$ mho/m; $\epsilon_r = 54.8$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(4.47, 4.47, 4.47); Calibrated: 2010/5/18
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2010/8/18
- Phantom: SAM - Front; Type: SAM; Serial: TP-1446
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD Version 13.4 Build 125

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

Maximum value of SAR (interpolated) = 0.143 mW/g

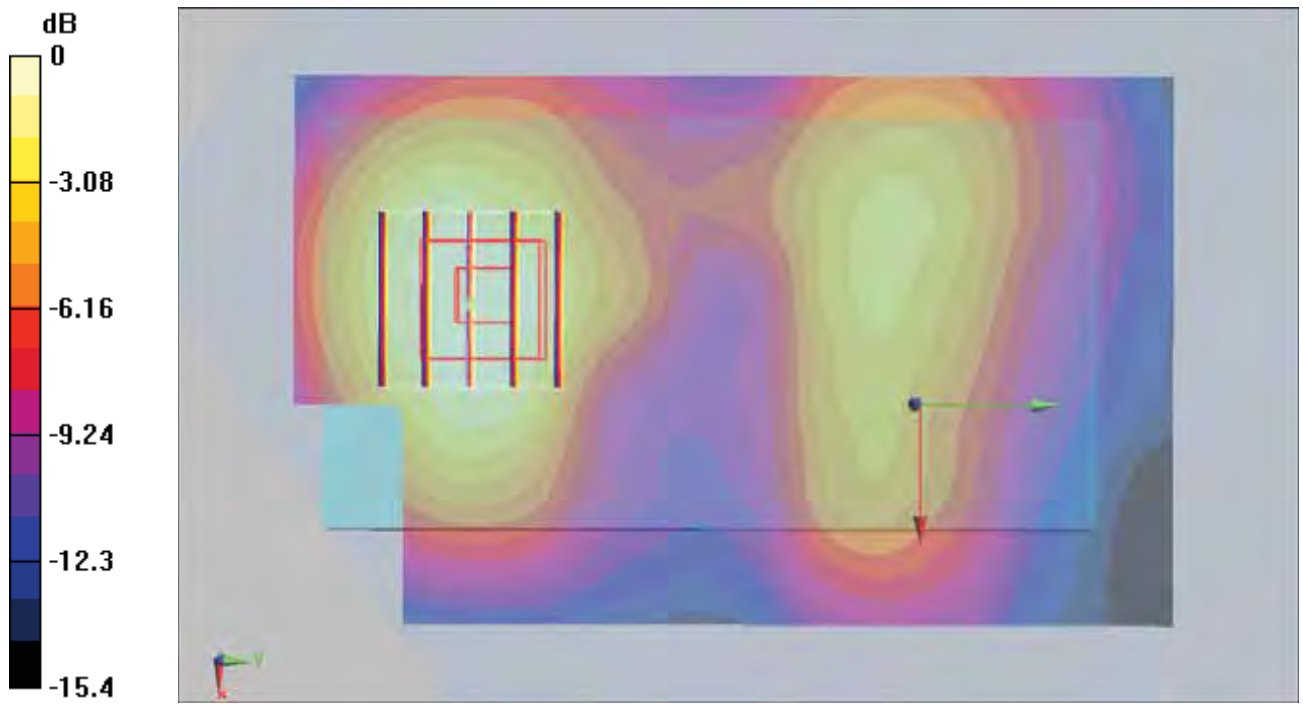
Ch810/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 4.69 V/m; Power Drift = -0.133 dB

Peak SAR (extrapolated) = 0.172 W/kg

SAR(1 g) = 0.120 mW/g; SAR(10 g) = 0.075 mW/g

Maximum value of SAR (measured) = 0.130 mW/g



0 dB = 0.130mW/g

#61 GSM1900_GPRS10_Bottom Side_1cm_Ch810_Sample1

DUT: 092829-01

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

Medium: MSL_1900_101220 Medium parameters used: $f = 1910$ MHz; $\sigma = 1.51$ mho/m; $\epsilon_r = 54.8$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(4.47, 4.47, 4.47); Calibrated: 2010/5/18
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2010/8/18
- Phantom: SAM - Front; Type: SAM; Serial: TP-1446
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD Version 13.4 Build 125

Ch810/Area Scan (31x51x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.037 mW/g

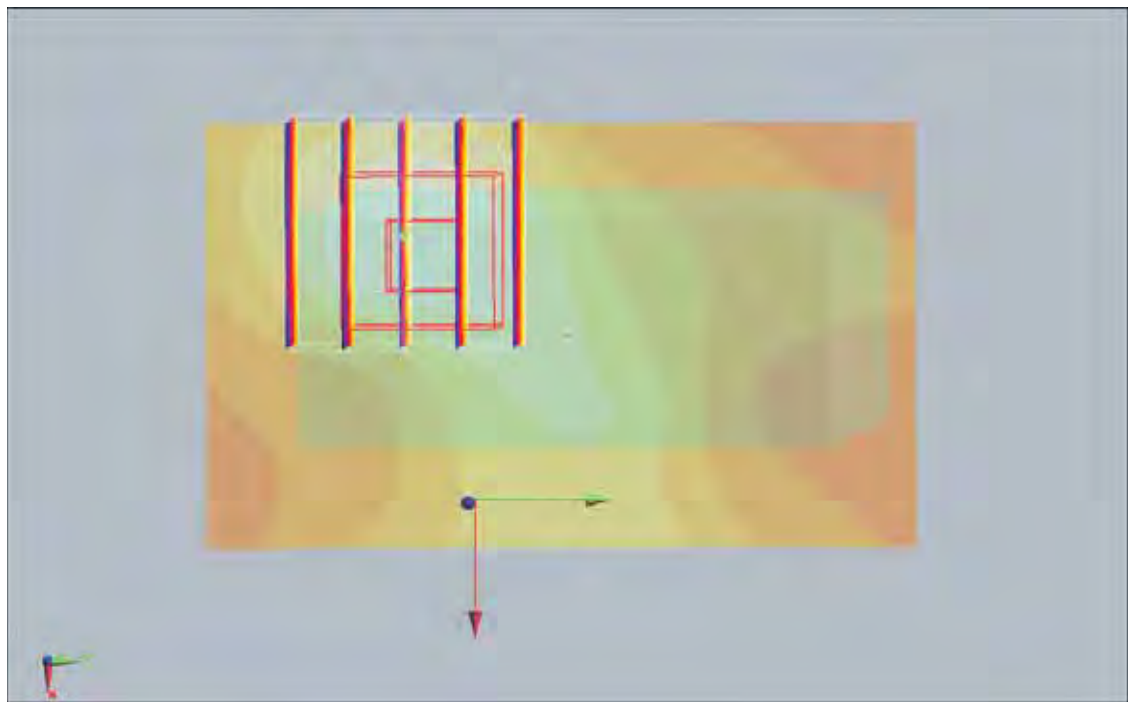
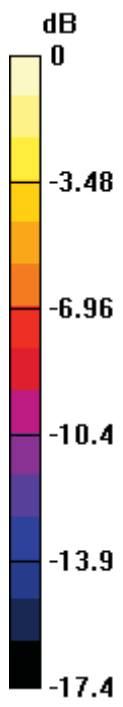
Ch810/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 4.42 V/m; Power Drift = -0.133 dB

Peak SAR (extrapolated) = 0.053 W/kg

SAR(1 g) = 0.034 mW/g; SAR(10 g) = 0.020 mW/g

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



0 dB = 0.036mW/g

#62 GSM1900_GPRS10_Left Side_1cm_Ch810_Sample1

DUT: 092829-01

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

Medium: MSL_1900_101220 Medium parameters used: $f = 1910$ MHz; $\sigma = 1.51$ mho/m; $\epsilon_r = 54.8$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(4.47, 4.47, 4.47); Calibrated: 2010/5/18
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2010/8/18
- Phantom: SAM - Front; Type: SAM; Serial: TP-1446
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD Version 13.4 Build 125

Ch810/Area Scan (31x81x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.132 mW/g

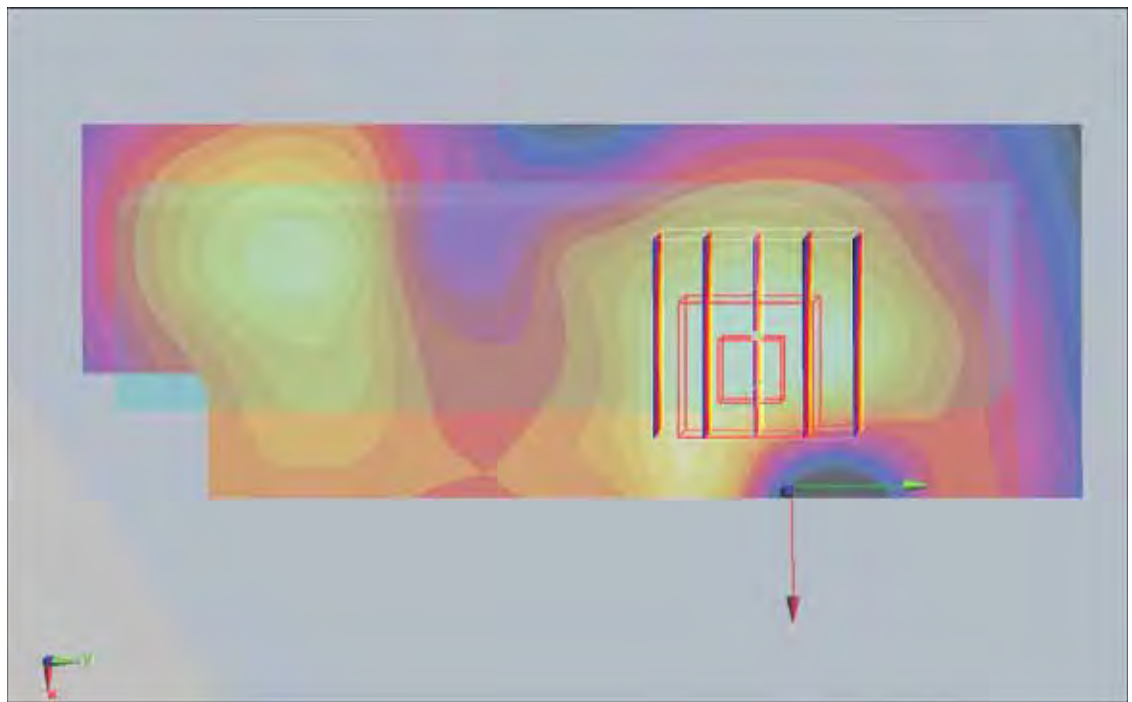
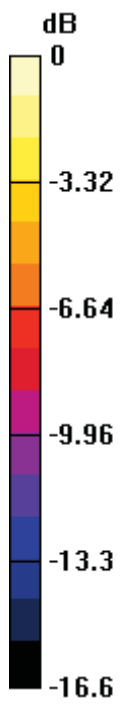
Ch810/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 6.86 V/m; Power Drift = -0.144 dB

Peak SAR (extrapolated) = 0.163 W/kg

SAR(1 g) = 0.108 mW/g; SAR(10 g) = 0.065 mW/g

Maximum value of SAR (measured) = 0.117 mW/g



0 dB = 0.117mW/g

#63 GSM1900_GPRS10_Right Side_1cm_Ch810_Sample1

DUT: 092829-01

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

Medium: MSL_1900_101220 Medium parameters used: $f = 1910$ MHz; $\sigma = 1.51$ mho/m; $\epsilon_r = 54.8$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.5 °C; Liquid Temperature : 21.4 °C

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(4.47, 4.47, 4.47); Calibrated: 2010/5/18
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2010/8/18
- Phantom: SAM - Front; Type: SAM; Serial: TP-1446
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD Version 13.4 Build 125

Ch810/Area Scan (31x81x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.073 mW/g

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

Reference Value = 6.51 V/m; Power Drift = -0.038 dB

Peak SAR (extrapolated) = 0.099 W/kg

SAR(1 g) = 0.067 mW/g; SAR(10 g) = 0.040 mW/g

Maximum value of SAR (measured) = 0.073 mW/g

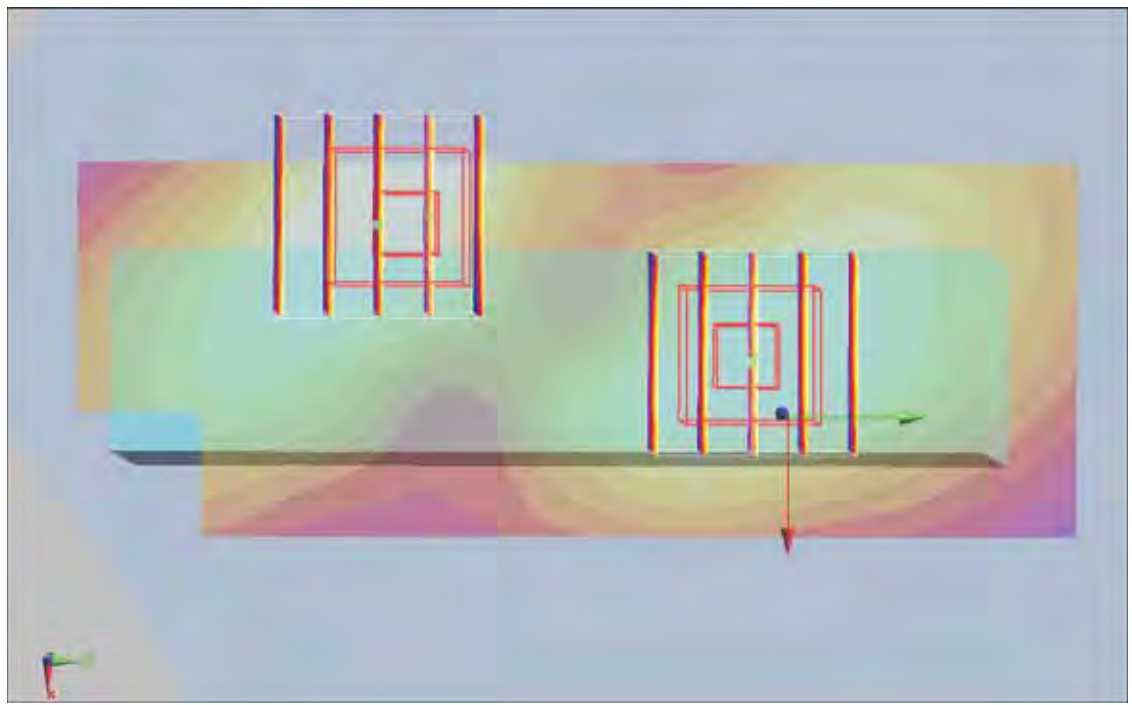
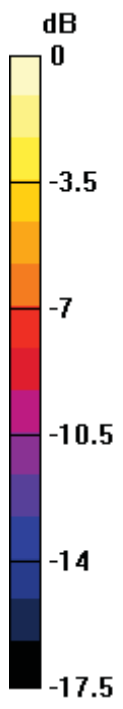
Ch810/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 6.51 V/m; Power Drift = -0.038 dB

Peak SAR (extrapolated) = 0.097 W/kg

SAR(1 g) = 0.061 mW/g; SAR(10 g) = 0.036 mW/g

Maximum value of SAR (measured) = 0.065 mW/g



0 dB = 0.065mW/g

#65 GSM1900_GPRS10_Front Face_1cm_Ch810_Sample2

DUT: 092829-01

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

Medium: MSL_1900_101220 Medium parameters used: $f = 1910$ MHz; $\sigma = 1.51$ mho/m; $\epsilon_r = 54.8$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(4.47, 4.47, 4.47); Calibrated: 2010/5/18
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2010/8/18
- Phantom: SAM - Front; Type: SAM; Serial: TP-1446
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD Version 13.4 Build 125

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

Maximum value of SAR (interpolated) = 0.228 mW/g

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

Reference Value = 13.3 V/m; Power Drift = 0.116 dB

Peak SAR (extrapolated) = 0.323 W/kg

SAR(1 g) = 0.218 mW/g; SAR(10 g) = 0.137 mW/g

Maximum value of SAR (measured) = 0.227 mW/g

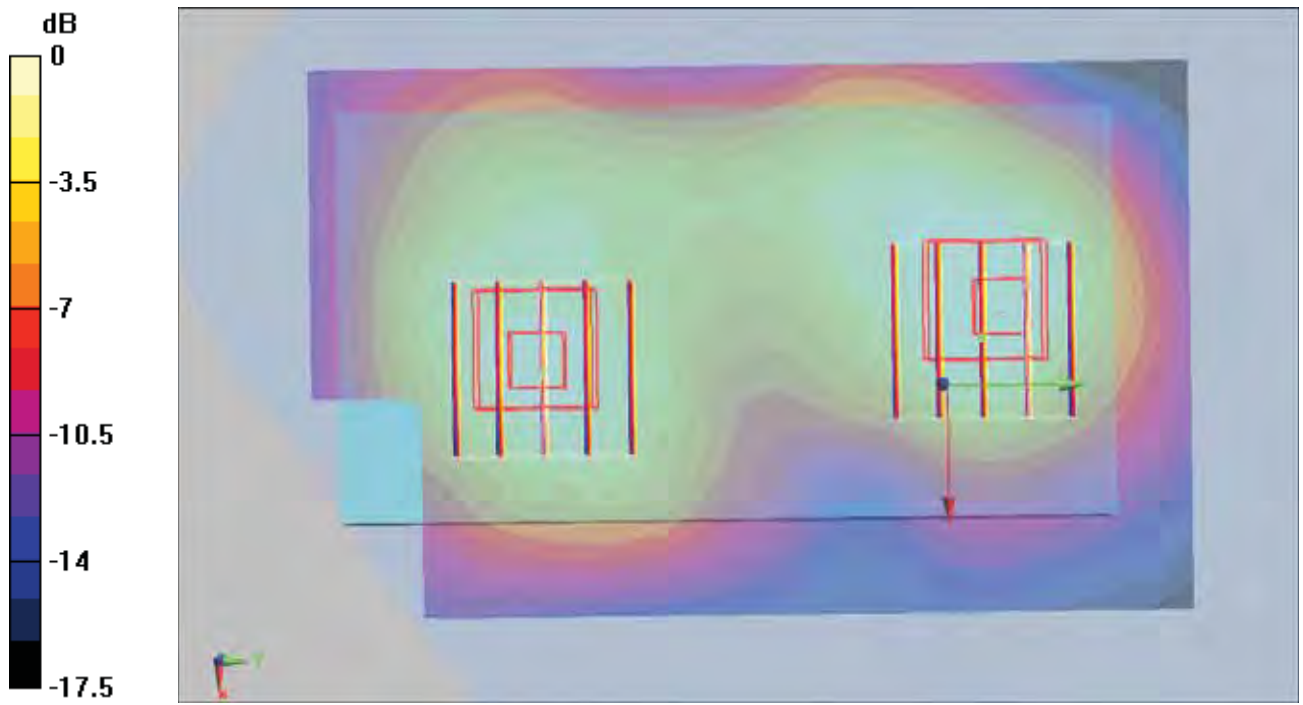
Ch810/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 13.3 V/m; Power Drift = 0.116 dB

Peak SAR (extrapolated) = 0.317 W/kg

SAR(1 g) = 0.218 mW/g; SAR(10 g) = 0.132 mW/g

Maximum value of SAR (measured) = 0.242 mW/g



0 dB = 0.242mW/g

#65 GSM1900_GPRS10_Front Face_1cm_Ch810_Sample2_2D

DUT: 092829-01

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

Medium: MSL_1900_101220 Medium parameters used: $f = 1910 \text{ MHz}$; $\sigma = 1.51 \text{ mho/m}$; $\epsilon_r = 54.8$; $\rho = 1000 \text{ kg/m}^3$

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

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(4.47, 4.47, 4.47); Calibrated: 2010/5/18
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2010/8/18
- Phantom: SAM - Front; Type: SAM; Serial: TP-1446
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD Version 13.4 Build 125

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

Maximum value of SAR (interpolated) = 0.228 mW/g

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

Reference Value = 13.3 V/m; Power Drift = 0.116 dB

Peak SAR (extrapolated) = 0.323 W/kg

SAR(1 g) = 0.218 mW/g; SAR(10 g) = 0.137 mW/g

Maximum value of SAR (measured) = 0.227 mW/g

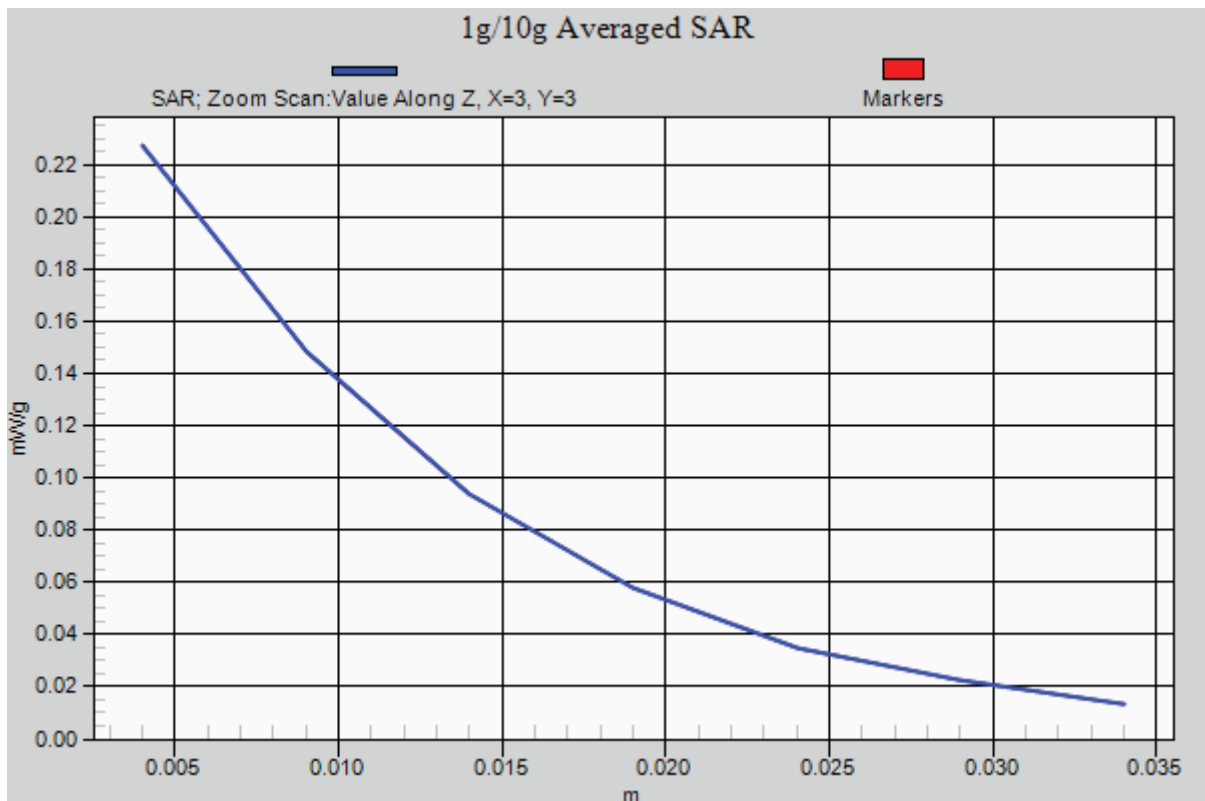
Ch810/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 13.3 V/m; Power Drift = 0.116 dB

Peak SAR (extrapolated) = 0.317 W/kg

SAR(1 g) = 0.218 mW/g; SAR(10 g) = 0.132 mW/g

Maximum value of SAR (measured) = 0.242 mW/g



#66 GSM1900_GPRS10_Rear Face_1cm_Ch810_Sample2

DUT: 092829-01

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

Medium: MSL_1900_101220 Medium parameters used: $f = 1910$ MHz; $\sigma = 1.51$ mho/m; $\epsilon_r = 54.8$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(4.47, 4.47, 4.47); Calibrated: 2010/5/18
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2010/8/18
- Phantom: SAM - Front; Type: SAM; Serial: TP-1446
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD Version 13.4 Build 125

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

Maximum value of SAR (interpolated) = 0.057 mW/g

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

Reference Value = 6.22 V/m; Power Drift = 0.038 dB

Peak SAR (extrapolated) = 0.076 W/kg

SAR(1 g) = 0.054 mW/g; SAR(10 g) = 0.034 mW/g

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

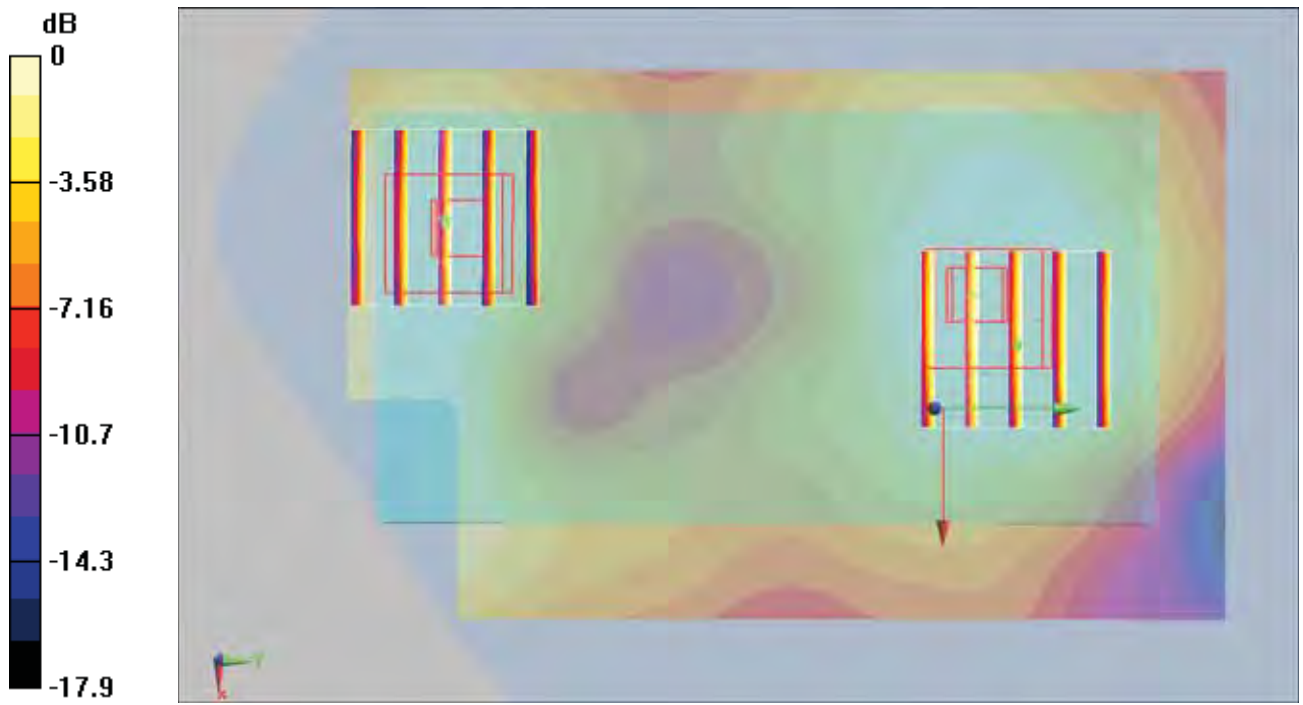
Ch810/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 6.22 V/m; Power Drift = 0.038 dB

Peak SAR (extrapolated) = 0.058 W/kg

SAR(1 g) = 0.038 mW/g; SAR(10 g) = 0.023 mW/g

Maximum value of SAR (measured) = 0.041 mW/g



0 dB = 0.041mW/g

#67 GSM1900_GPRS10_Bottom Side_1cm_Ch810_Sample2

DUT: 092829-01

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

Medium: MSL_1900_101220 Medium parameters used: $f = 1910$ MHz; $\sigma = 1.51$ mho/m; $\epsilon_r = 54.8$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.5 °C; Liquid Temperature : 21.4 °C

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(4.47, 4.47, 4.47); Calibrated: 2010/5/18
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2010/8/18
- Phantom: SAM - Front; Type: SAM; Serial: TP-1446
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD Version 13.4 Build 125

Ch810/Area Scan (31x51x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.043 mW/g

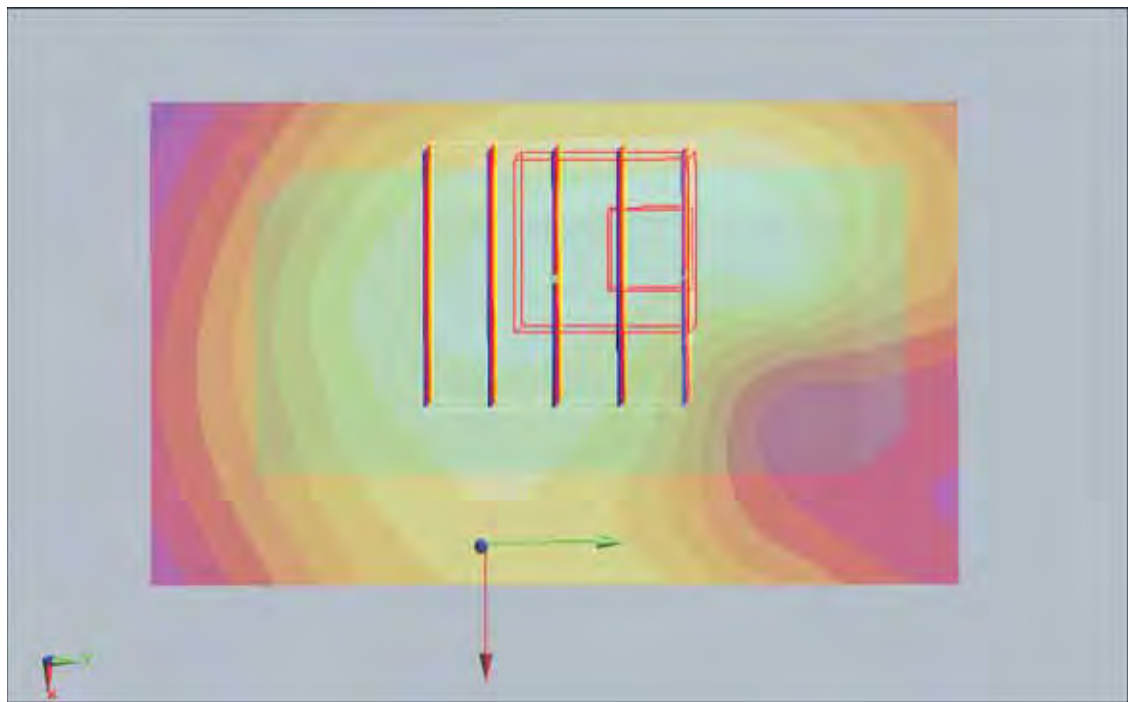
Ch810/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 4.54 V/m; Power Drift = 0.178 dB

Peak SAR (extrapolated) = 0.069 W/kg

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

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



0 dB = 0.047mW/g

#68 GSM1900_GPRS10_Left Side_1cm_Ch810_Sample2

DUT: 092829-01

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

Medium: MSL_1900_101220 Medium parameters used: $f = 1910$ MHz; $\sigma = 1.51$ mho/m; $\epsilon_r = 54.8$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(4.47, 4.47, 4.47); Calibrated: 2010/5/18
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2010/8/18
- Phantom: SAM - Front; Type: SAM; Serial: TP-1446
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD Version 13.4 Build 125

Ch810/Area Scan (31x81x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.082 mW/g

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

Reference Value = 6.1 V/m; Power Drift = -0.131 dB

Peak SAR (extrapolated) = 0.113 W/kg

SAR(1 g) = 0.076 mW/g; SAR(10 g) = 0.046 mW/g

Maximum value of SAR (measured) = 0.083 mW/g

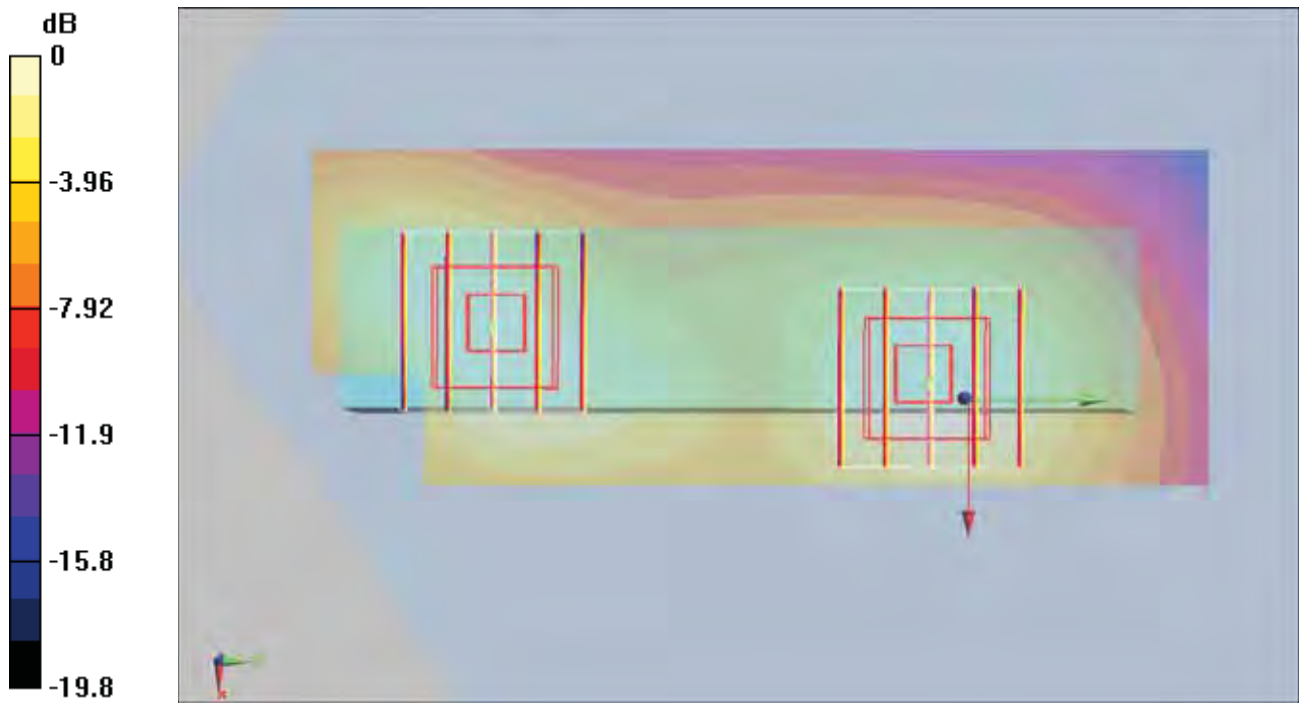
Ch810/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 6.1 V/m; Power Drift = -0.131 dB

Peak SAR (extrapolated) = 0.109 W/kg

SAR(1 g) = 0.073 mW/g; SAR(10 g) = 0.044 mW/g

Maximum value of SAR (measured) = 0.080 mW/g



0 dB = 0.080mW/g

#69 GSM1900_GPRS10_Right Side_1cm_Ch810_Sample2

DUT: 092829-01

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

Medium: MSL_1900_101220 Medium parameters used: $f = 1910$ MHz; $\sigma = 1.51$ mho/m; $\epsilon_r = 54.8$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(4.47, 4.47, 4.47); Calibrated: 2010/5/18
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2010/8/18
- Phantom: SAM - Front; Type: SAM; Serial: TP-1446
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD Version 13.4 Build 125

Ch810/Area Scan (31x81x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.058 mW/g

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

Reference Value = 5.11 V/m; Power Drift = -0.055 dB

Peak SAR (extrapolated) = 0.084 W/kg

SAR(1 g) = 0.053 mW/g; SAR(10 g) = 0.032 mW/g

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

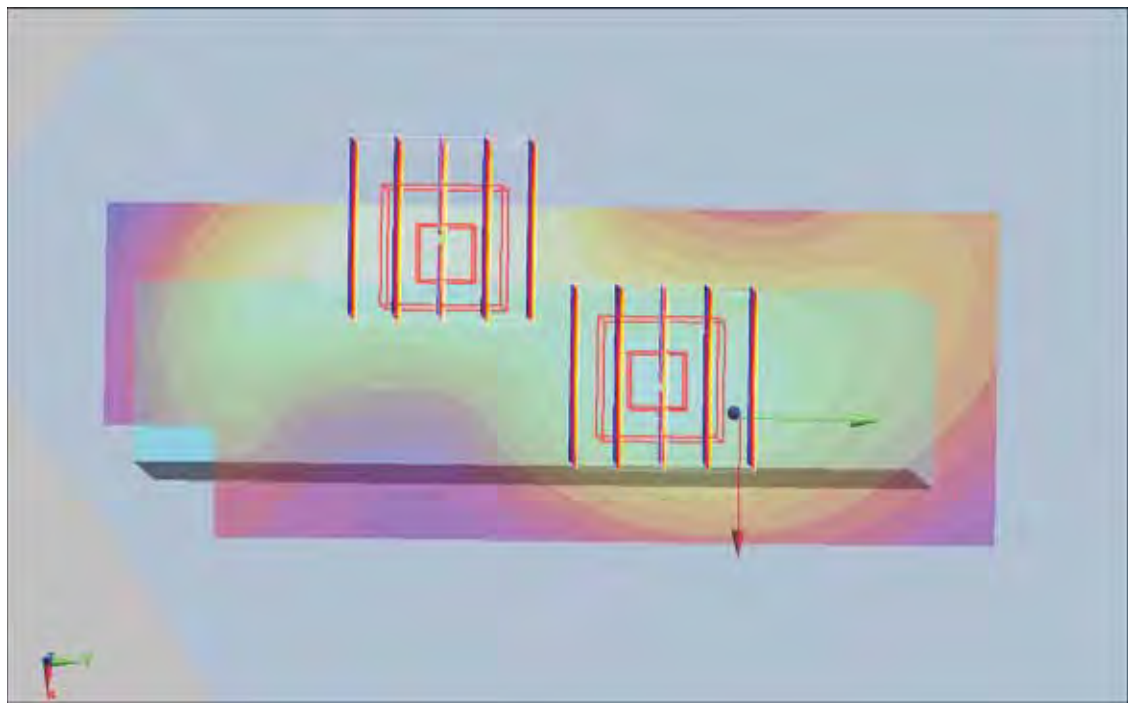
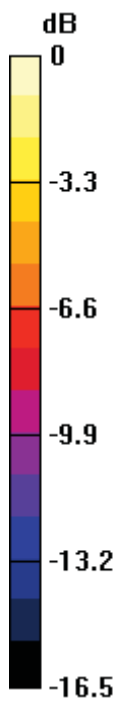
Ch810/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 5.11 V/m; Power Drift = -0.055 dB

Peak SAR (extrapolated) = 0.076 W/kg

SAR(1 g) = 0.050 mW/g; SAR(10 g) = 0.030 mW/g

Maximum value of SAR (measured) = 0.055 mW/g



0 dB = 0.055mW/g

#47 WCDMA V_RMC12.2K_Front Face_1cm_Ch4233_Sample1

DUT: 092829-01

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

Medium: MSL_850_101217 Medium parameters used: $f = 847$ MHz; $\sigma = 1.01$ mho/m; $\epsilon_r = 55.3$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.7 °C; Liquid Temperature : 21.2 °C

DASY4 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(6.12, 6.12, 6.12); Calibrated: 2010/5/18
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2010/8/18
- 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

Ch4233/Area Scan (41x71x1): Measurement grid: dx=20mm, dy=20mm

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

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

Reference Value = 7.18 V/m; Power Drift = -0.016 dB

Peak SAR (extrapolated) = 0.338 W/kg

SAR(1 g) = 0.259 mW/g; SAR(10 g) = 0.195 mW/g

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

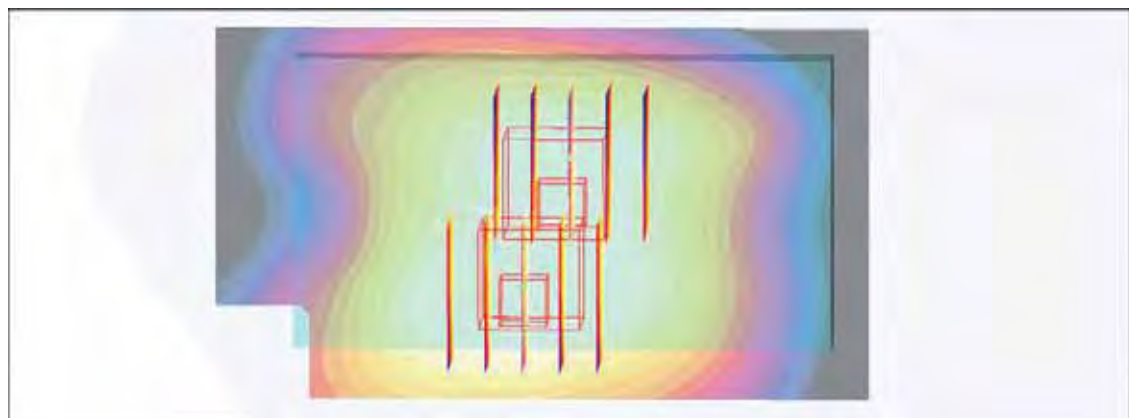
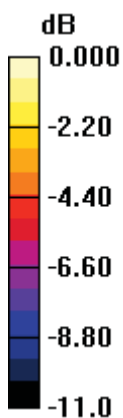
Ch4233/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 7.18 V/m; Power Drift = -0.016 dB

Peak SAR (extrapolated) = 0.277 W/kg

SAR(1 g) = 0.232 mW/g; SAR(10 g) = 0.174 mW/g

Maximum value of SAR (measured) = 0.246 mW/g



0 dB = 0.246mW/g

#47 WCDMA V_RMC12.2K_Front Face_1cm_Ch4233_Sample1_2D

DUT: 092829-01

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

Medium: MSL_850_101217 Medium parameters used: $f = 847$ MHz; $\sigma = 1.01$ mho/m; $\epsilon_r = 55.3$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.7 °C; Liquid Temperature : 21.2 °C

DASY4 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(6.12, 6.12, 6.12); Calibrated: 2010/5/18
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2010/8/18
- 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

Ch4233/Area Scan (41x71x1): Measurement grid: dx=20mm, dy=20mm

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

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

Reference Value = 7.18 V/m; Power Drift = -0.016 dB

Peak SAR (extrapolated) = 0.338 W/kg

SAR(1 g) = 0.259 mW/g; SAR(10 g) = 0.195 mW/g

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

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

Reference Value = 7.18 V/m; Power Drift = -0.016 dB

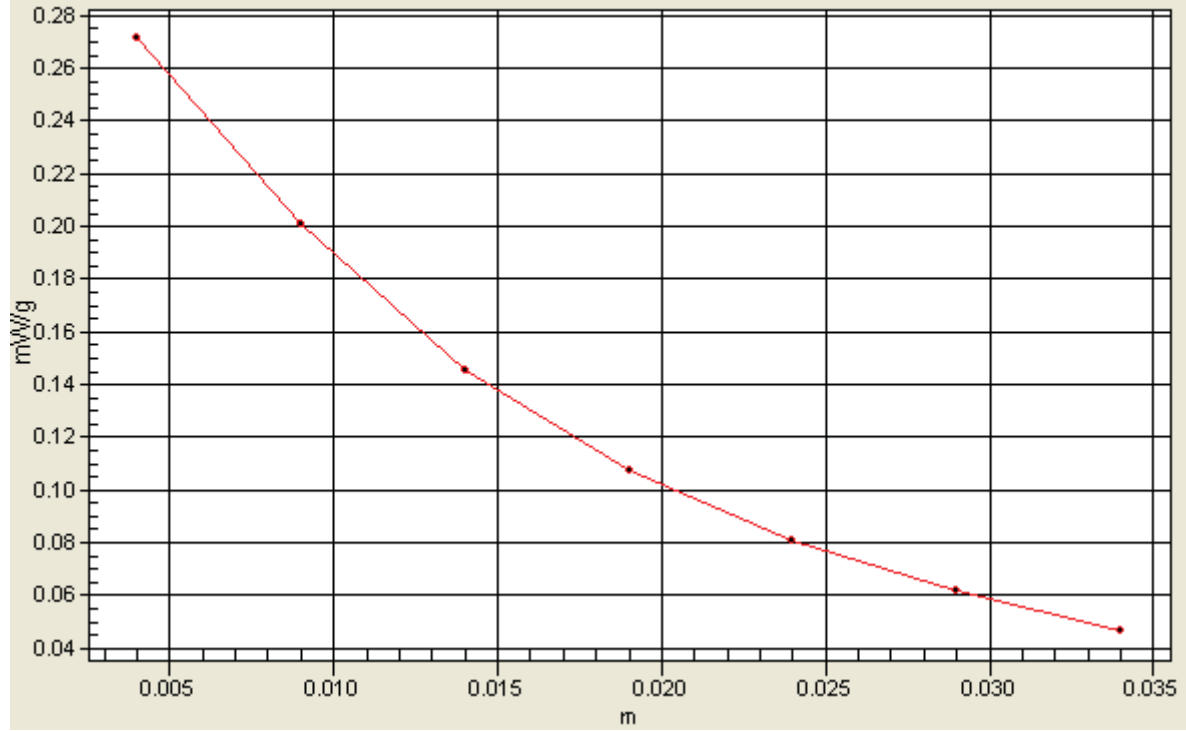
Peak SAR (extrapolated) = 0.277 W/kg

SAR(1 g) = 0.232 mW/g; SAR(10 g) = 0.174 mW/g

Maximum value of SAR (measured) = 0.246 mW/g

1g/10g Averaged SAR

SAR; Zoom Scan: Value Along Z, X=1, Y=2



#48 WCDMA V_RMC12.2K_Rear Face_1cm_Ch4233_Sample1

DUT: 092829-01

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

Medium: MSL_850_101217 Medium parameters used: $f = 847 \text{ MHz}$; $\sigma = 1.01 \text{ mho/m}$; $\epsilon_r = 55.3$; $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature : 22.5 °C ; Liquid Temperature : 21.2 °C

DASY4 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(6.12, 6.12, 6.12); Calibrated: 2010/5/18
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2010/8/18
- 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

Ch4233/Area Scan (71x71x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.031 mW/g

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

Reference Value = 3.00 V/m; Power Drift = 0.011 dB

Peak SAR (extrapolated) = 0.042 W/kg

SAR(1 g) = 0.032 mW/g; SAR(10 g) = 0.023 mW/g

Maximum value of SAR (measured) = 0.035 mW/g

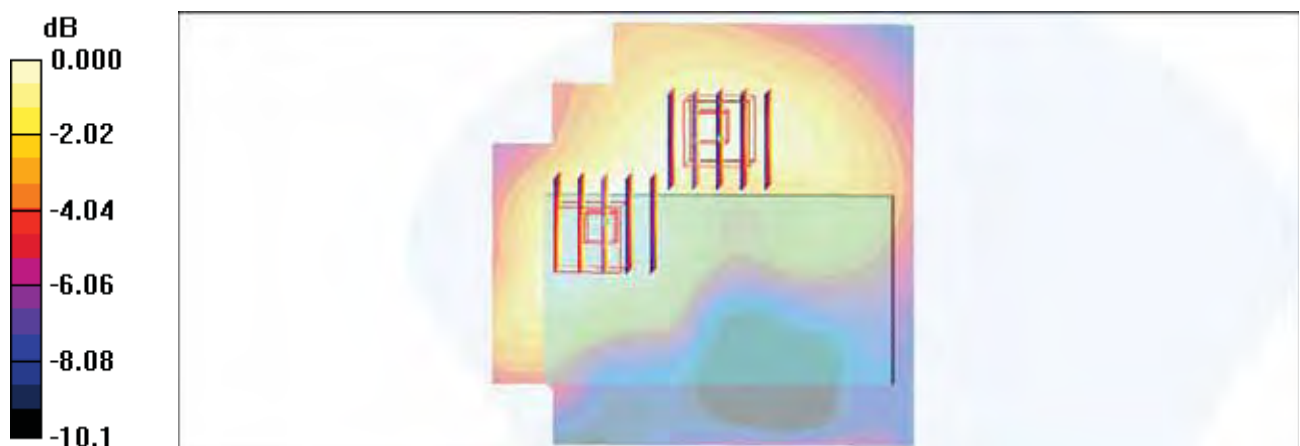
Ch4233/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 3.00 V/m; Power Drift = 0.011 dB

Peak SAR (extrapolated) = 0.036 W/kg

SAR(1 g) = 0.027 mW/g; SAR(10 g) = 0.018 mW/g

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



0 dB = 0.029mW/g

#49 WCDMA V_RMC12.2K_Bottom Side_1cm_Ch4233_Sample1

DUT: 092829-01

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

Medium: MSL_850_101217 Medium parameters used: $f = 847$ MHz; $\sigma = 1.01$ mho/m; $\epsilon_r = 55.3$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.5 °C ; Liquid Temperature : 21.2 °C

DASY4 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(6.12, 6.12, 6.12); Calibrated: 2010/5/18
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2010/8/18
- 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

Ch4233/Area Scan (41x61x1): Measurement grid: dx=20mm, dy=20mm

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

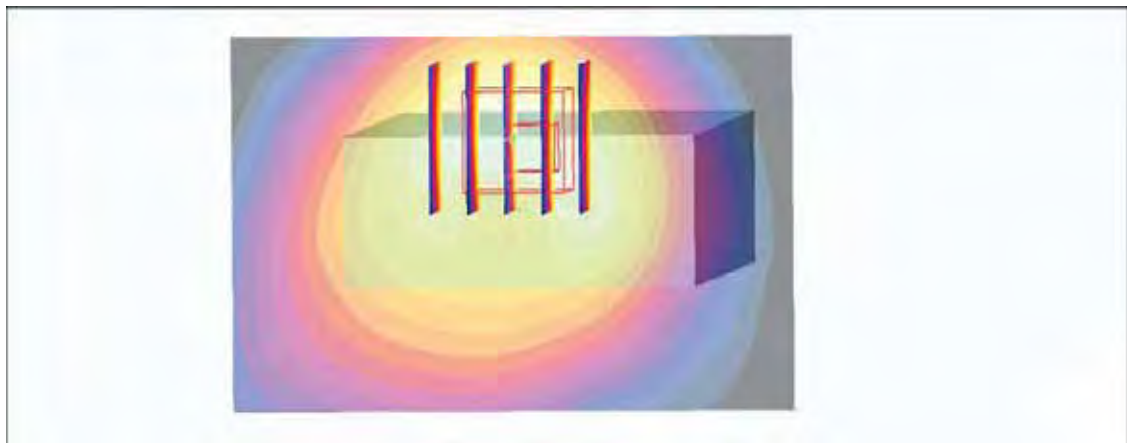
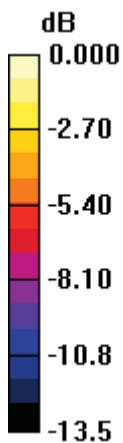
Ch4233/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 4.81 V/m; Power Drift = -0.050 dB

Peak SAR (extrapolated) = 0.064 W/kg

SAR(1 g) = 0.040 mW/g; SAR(10 g) = 0.024 mW/g

Maximum value of SAR (measured) = 0.043 mW/g



0 dB = 0.043mW/g

#50 WCDMA V_RMC12.2K_Left Side_1cm_Ch4233_Sample1

DUT: 092829-01

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

Medium: MSL_850_101217 Medium parameters used: $f = 847$ MHz; $\sigma = 1.01$ mho/m; $\epsilon_r = 55.3$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.5 °C ; Liquid Temperature : 21.2 °C

DASY4 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(6.12, 6.12, 6.12); Calibrated: 2010/5/18
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2010/8/18
- 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

Ch4233/Area Scan (31x91x1): Measurement grid: dx=20mm, dy=20mm

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

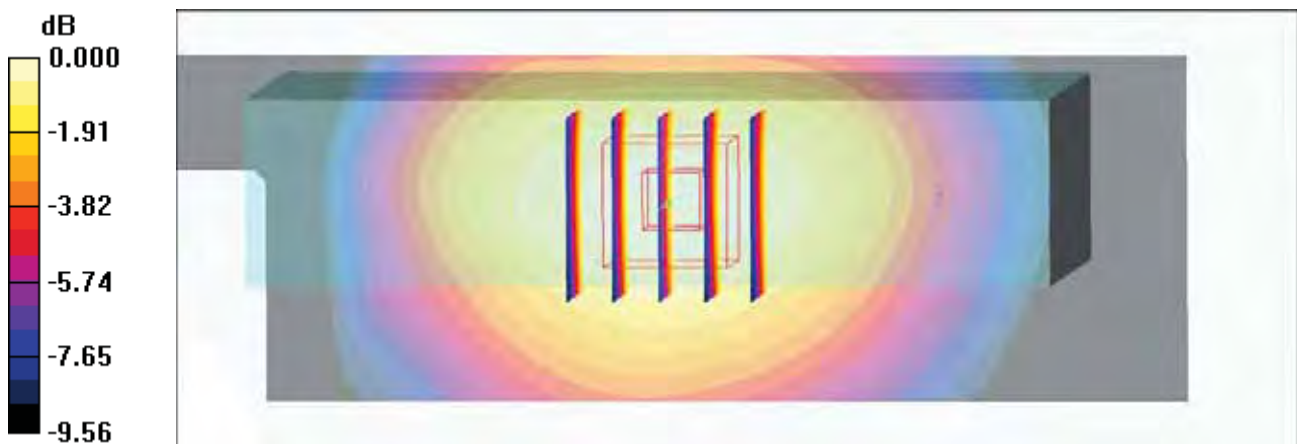
Ch4233/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 5.64 V/m; Power Drift = -0.197 dB

Peak SAR (extrapolated) = 0.088 W/kg

SAR(1 g) = 0.069 mW/g; SAR(10 g) = 0.049 mW/g

Maximum value of SAR (measured) = 0.074 mW/g



0 dB = 0.074mW/g

#51 WCDMA V_RMC12.2K_Right Side_1cm_Ch4233_Sample1

DUT: 092829-01

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

Medium: MSL_850_101217 Medium parameters used: $f = 847$ MHz; $\sigma = 1.01$ mho/m; $\epsilon_r = 55.3$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.5 °C ; Liquid Temperature : 21.2 °C

DASY4 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(6.12, 6.12, 6.12); Calibrated: 2010/5/18
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2010/8/18
- 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

Ch4233/Area Scan (41x91x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.205 mW/g

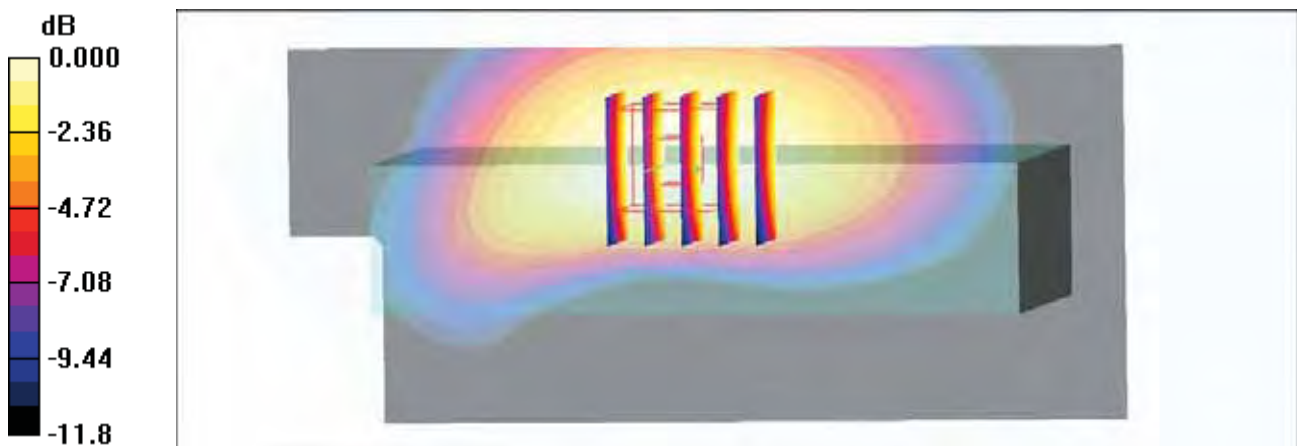
Ch4233/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 5.40 V/m; Power Drift = 0.105 dB

Peak SAR (extrapolated) = 0.252 W/kg

SAR(1 g) = 0.189 mW/g; SAR(10 g) = 0.129 mW/g

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



0 dB = 0.202mW/g

#53 WCDMA V_RMC12.2K_Front Face_1cm_Ch4233_Sample2

DUT: 092829-01

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

Medium: MSL_850_101217 Medium parameters used: $f = 847 \text{ MHz}$; $\sigma = 1.01 \text{ mho/m}$; $\epsilon_r = 55.3$; $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature : 22.5 °C ; Liquid Temperature : 21.2 °C

DASY4 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(6.12, 6.12, 6.12); Calibrated: 2010/5/18
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2010/8/18
- 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

Ch4233/Area Scan (41x71x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.151 mW/g

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

Reference Value = 3.87 V/m; Power Drift = -0.137 dB

Peak SAR (extrapolated) = 0.203 W/kg

SAR(1 g) = 0.139 mW/g; SAR(10 g) = 0.095 mW/g

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

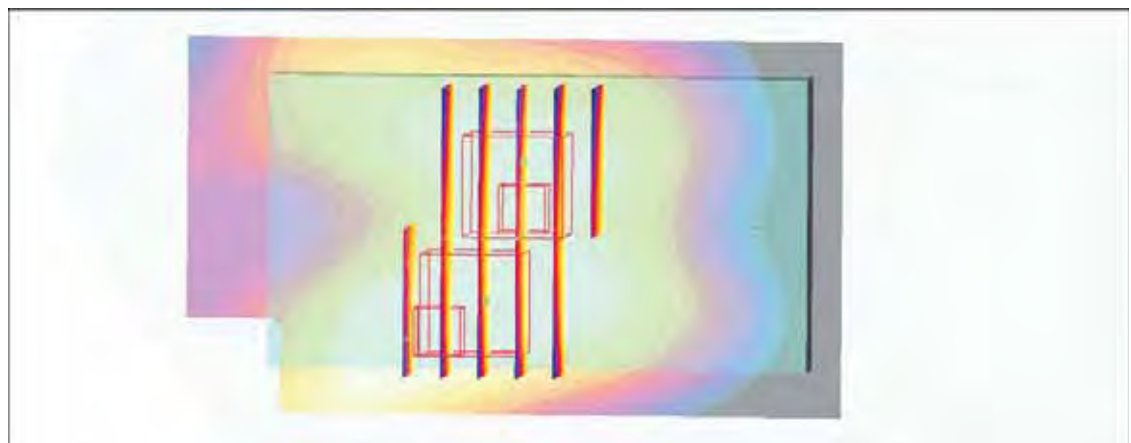
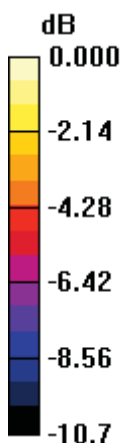
Ch4233/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 3.87 V/m; Power Drift = -0.137 dB

Peak SAR (extrapolated) = 0.135 W/kg

SAR(1 g) = 0.110 mW/g; SAR(10 g) = 0.083 mW/g

Maximum value of SAR (measured) = 0.118 mW/g



0 dB = 0.118mW/g

#53 WCDMA V_RMC12.2K_Front Face_1cm_Ch4233_Sample2_2D

DUT: 092829-01

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

Medium: MSL_850_101217 Medium parameters used: $f = 847$ MHz; $\sigma = 1.01$ mho/m; $\epsilon_r = 55.3$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.5 °C; Liquid Temperature : 21.2 °C

DASY4 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(6.12, 6.12, 6.12); Calibrated: 2010/5/18
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2010/8/18
- 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

Ch4233/Area Scan (41x71x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.151 mW/g

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

Reference Value = 3.87 V/m; Power Drift = -0.137 dB

Peak SAR (extrapolated) = 0.203 W/kg

SAR(1 g) = 0.139 mW/g; SAR(10 g) = 0.095 mW/g

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

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

Reference Value = 3.87 V/m; Power Drift = -0.137 dB

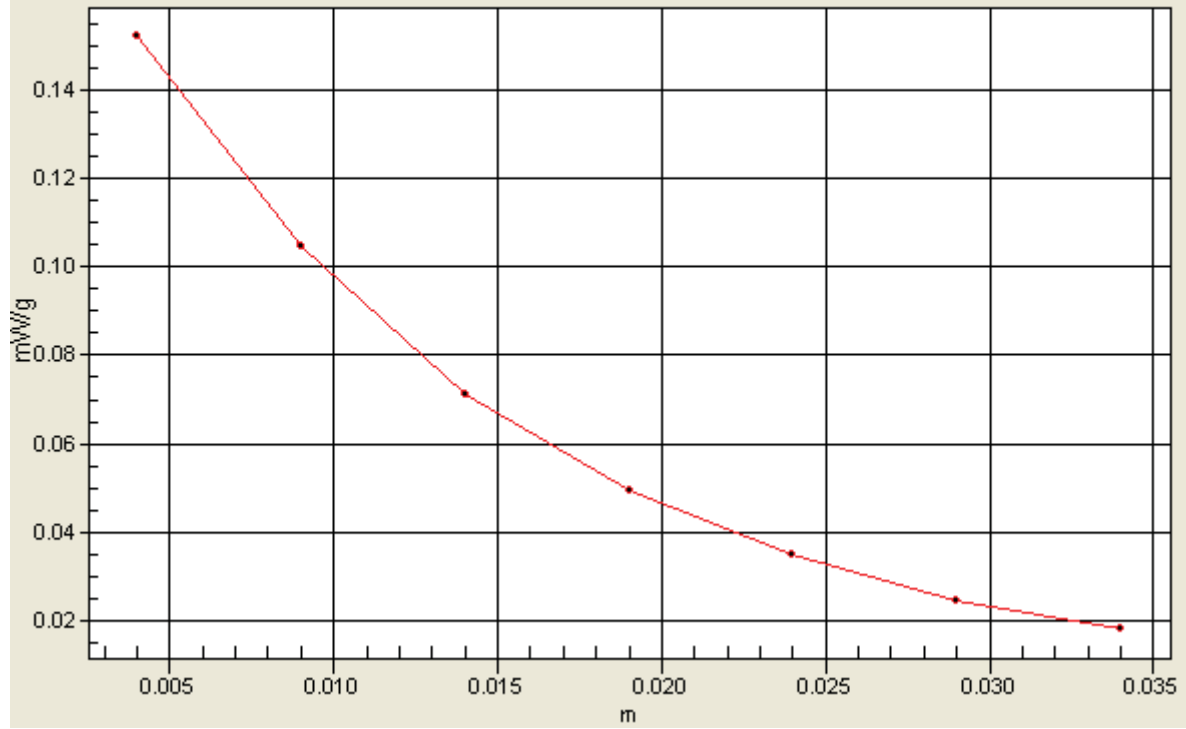
Peak SAR (extrapolated) = 0.135 W/kg

SAR(1 g) = 0.110 mW/g; SAR(10 g) = 0.083 mW/g

Maximum value of SAR (measured) = 0.118 mW/g

1g/10g Averaged SAR

SAR; Zoom Scan: Value Along Z, X=1, Y=0



#54 WCDMA V_RMC12.2K_Rear Face_1cm_Ch4233_Sample2

DUT: 092829-01

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

Medium: MSL_850_101217 Medium parameters used: $f = 847$ MHz; $\sigma = 1.01$ mho/m; $\epsilon_r = 55.3$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.5 °C; Liquid Temperature : 21.2 °C

DASY4 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(6.12, 6.12, 6.12); Calibrated: 2010/5/18
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2010/8/18
- 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

Ch4233/Area Scan (71x71x1): Measurement grid: dx=20mm, dy=20mm

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

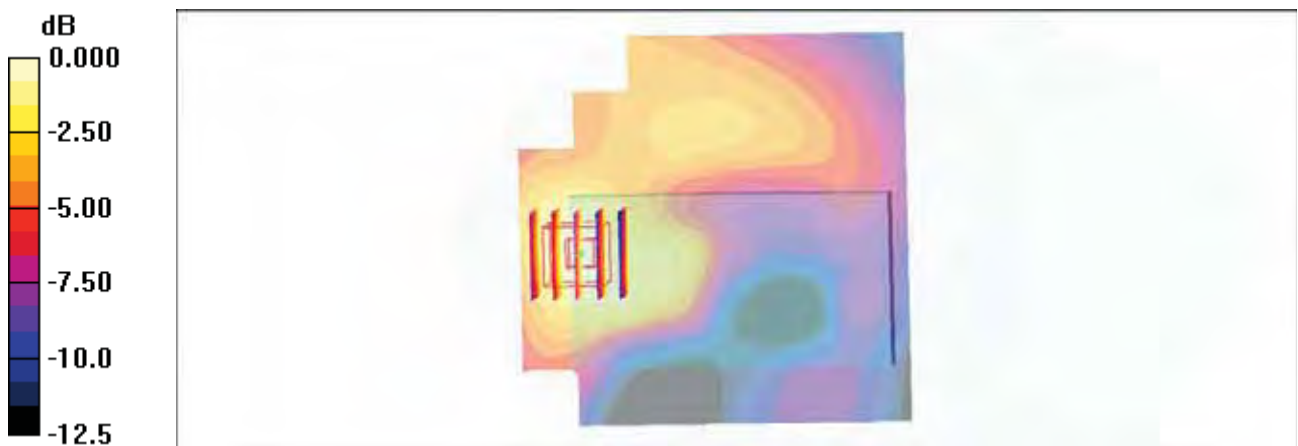
Ch4233/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 2.03 V/m; Power Drift = -0.199 dB

Peak SAR (extrapolated) = 0.032 W/kg

SAR(1 g) = 0.026 mW/g; SAR(10 g) = 0.019 mW/g

Maximum value of SAR (measured) = 0.028 mW/g



0 dB = 0.028mW/g

#55 WCDMA V_RMC12.2K_Bottom Side_1cm_Ch4233_Sample2

DUT: 092829-01

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

Medium: MSL_850_101217 Medium parameters used: $f = 847$ MHz; $\sigma = 1.01$ mho/m; $\epsilon_r = 55.3$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.5 °C ; Liquid Temperature : 21.2 °C

DASY4 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(6.12, 6.12, 6.12); Calibrated: 2010/5/18
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2010/8/18
- 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

Ch4233/Area Scan (41x61x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.048 mW/g

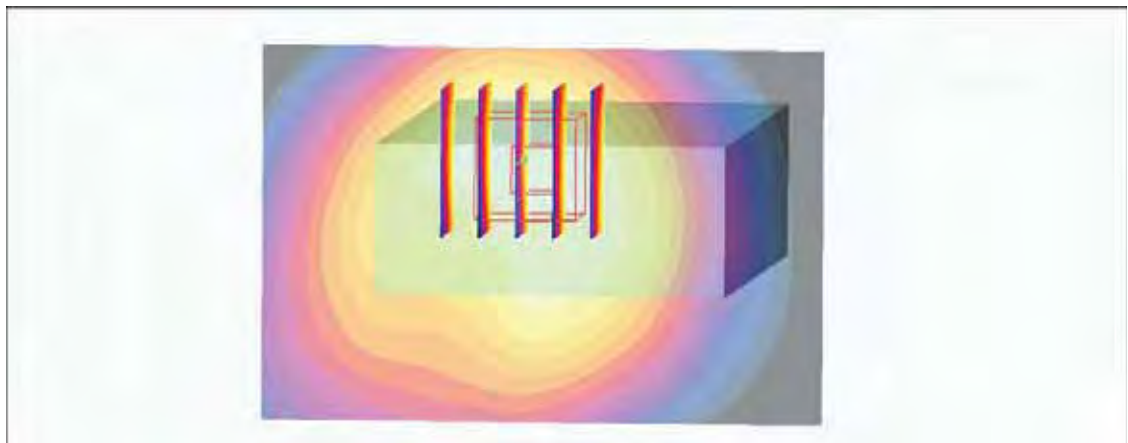
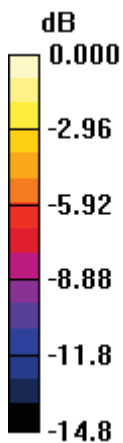
Ch4233/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 6.11 V/m; Power Drift = -0.008 dB

Peak SAR (extrapolated) = 0.066 W/kg

SAR(1 g) = 0.042 mW/g; SAR(10 g) = 0.026 mW/g

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



0 dB = 0.046mW/g

#56 WCDMA V_RMC12.2K_Left Side_1cm_Ch4233_Sample2

DUT: 092829-01

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

Medium: MSL_850_101217 Medium parameters used: $f = 847$ MHz; $\sigma = 1.01$ mho/m; $\epsilon_r = 55.3$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.5 °C ; Liquid Temperature : 21.2 °C

DASY4 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(6.12, 6.12, 6.12); Calibrated: 2010/5/18
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2010/8/18
- 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

Ch4233/Area Scan (41x91x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.080 mW/g

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

Reference Value = 3.41 V/m; Power Drift = -0.105 dB

Peak SAR (extrapolated) = 0.091 W/kg

SAR(1 g) = 0.067 mW/g; SAR(10 g) = 0.044 mW/g

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



0 dB = 0.072mW/g

#57 WCDMA V_RMC12.2K_Right Side_1cm_Ch4233_Sample2

DUT: 092829-01

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

Medium: MSL_850_101217 Medium parameters used: $f = 847$ MHz; $\sigma = 1.01$ mho/m; $\epsilon_r = 55.3$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.5 °C ; Liquid Temperature : 21.2 °C

DASY4 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(6.12, 6.12, 6.12); Calibrated: 2010/5/18
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2010/8/18
- 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

Ch4233/Area Scan (41x91x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.129 mW/g

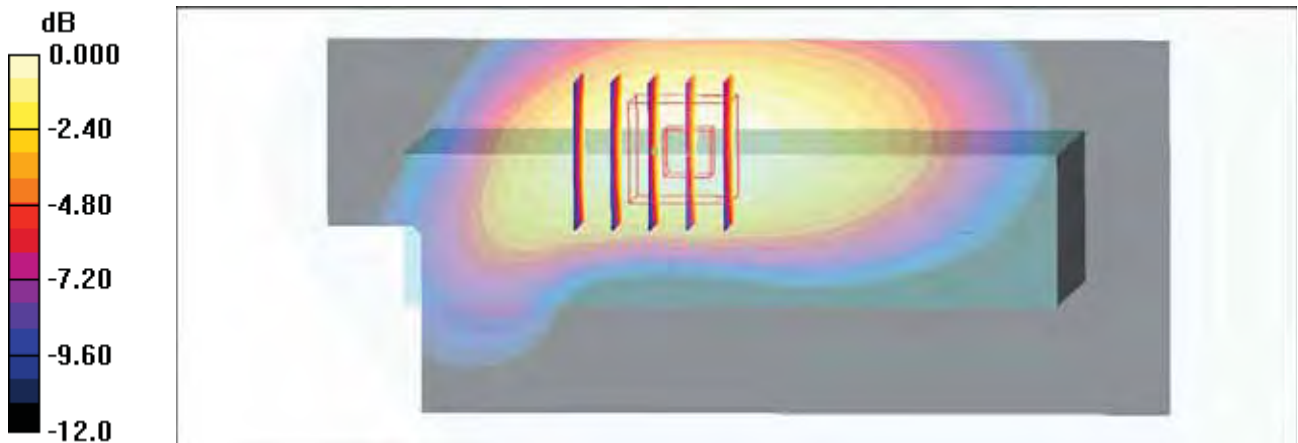
Ch4233/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 3.90 V/m; Power Drift = 0.166 dB

Peak SAR (extrapolated) = 0.159 W/kg

SAR(1 g) = 0.119 mW/g; SAR(10 g) = 0.081 mW/g

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



0 dB = 0.128mW/g

#71 WCDMA II_RMC12.2k_Front Face_1cm_Ch9400_Sample1

DUT: 092829-01

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

Medium: MSL_1900_101220 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.48$ mho/m; $\epsilon_r = 54.9$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.5 °C ; Liquid Temperature : 21.4 °C

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(4.47, 4.47, 4.47); Calibrated: 2010/5/18
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2010/8/18
- Phantom: SAM - Front; Type: SAM; Serial: TP-1446
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD Version 13.4 Build 125

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

Maximum value of SAR (interpolated) = 0.402 mW/g

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

Reference Value = 11.6 V/m; Power Drift = 0.197 dB

Peak SAR (extrapolated) = 0.624 W/kg

SAR(1 g) = 0.414 mW/g; SAR(10 g) = 0.241 mW/g

Maximum value of SAR (measured) = 0.456 mW/g

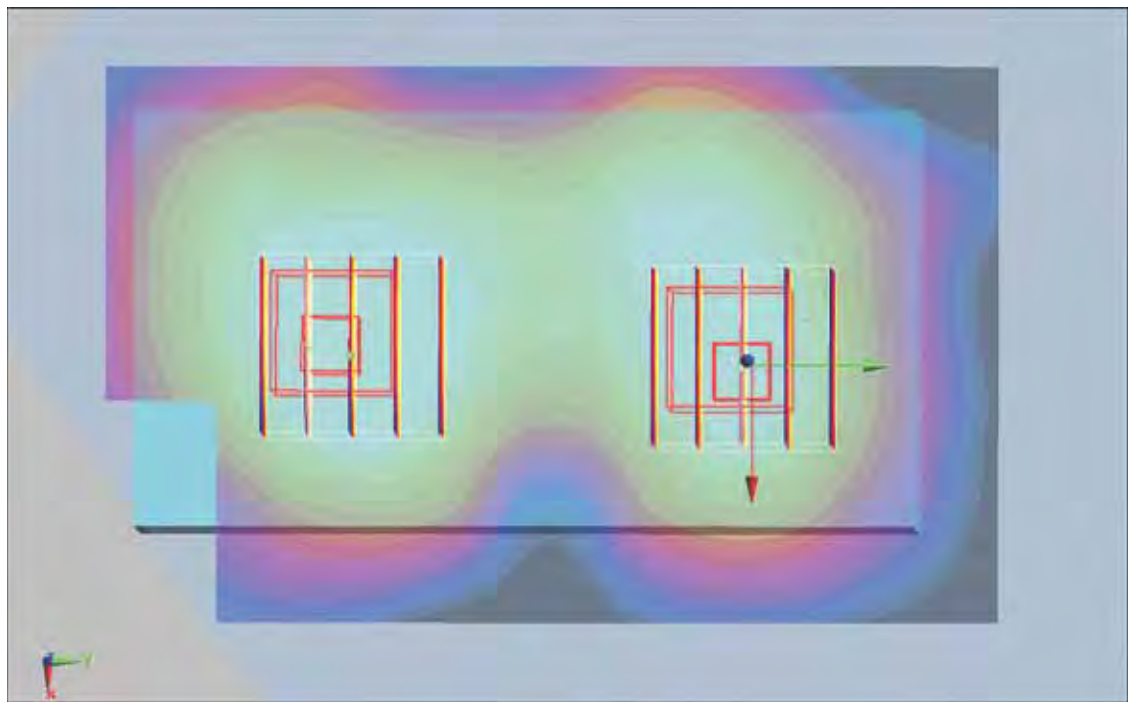
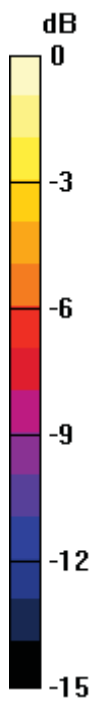
Ch9400/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 11.6 V/m; Power Drift = 0.197 dB

Peak SAR (extrapolated) = 0.304 W/kg

SAR(1 g) = 0.221 mW/g; SAR(10 g) = 0.146 mW/g

Maximum value of SAR (measured) = 0.236 mW/g



0 dB = 0.236mW/g

#71 WCDMA II_RMC12.2k_Front Face_1cm_Ch9400_Sample1_2D

DUT: 092829-01

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

Medium: MSL_1900_101220 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.48$ mho/m; $\epsilon_r = 54.9$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.5 °C ; Liquid Temperature : 21.4 °C

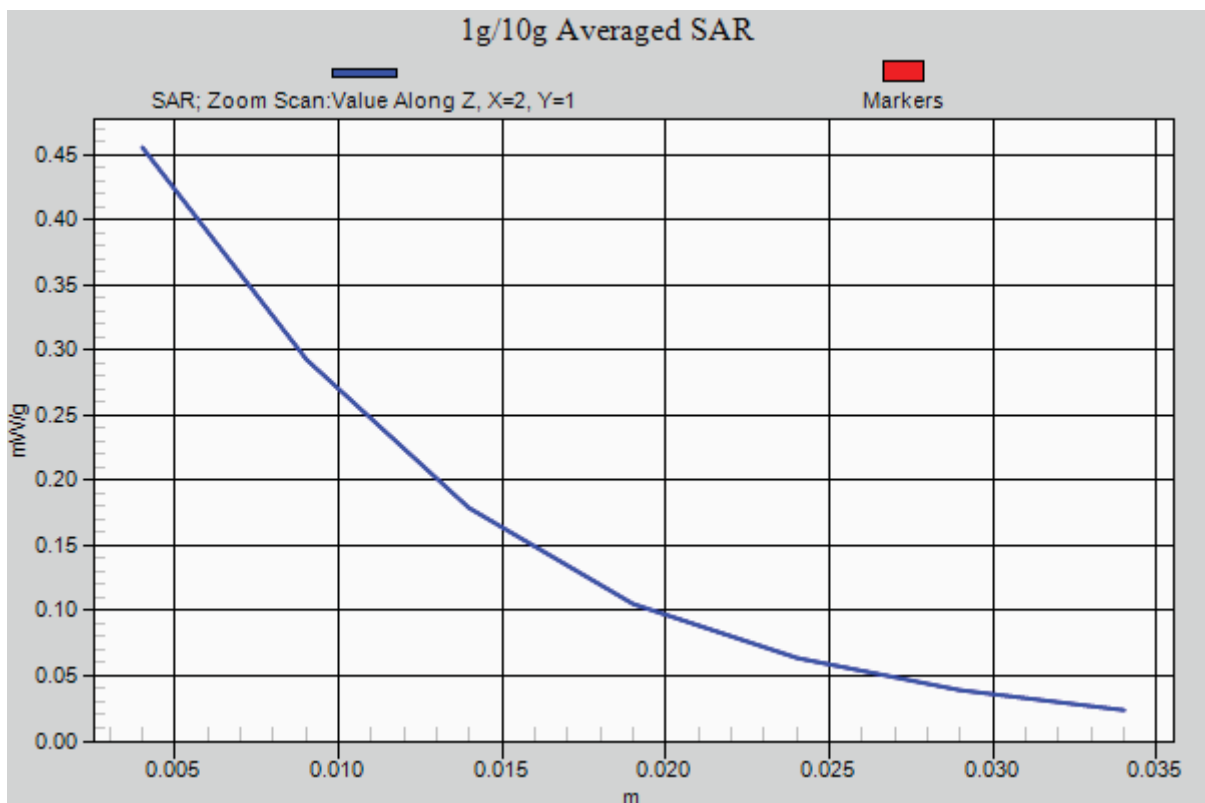
DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(4.47, 4.47, 4.47); Calibrated: 2010/5/18
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2010/8/18
- Phantom: SAM - Front; Type: SAM; Serial: TP-1446
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD Version 13.4 Build 125

Ch9400/Area Scan (51x81x1): Measurement grid: dx=20mm, dy=20mm
 Maximum value of SAR (interpolated) = 0.402 mW/g

Ch9400/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
 Reference Value = 11.6 V/m; Power Drift = 0.197 dB
 Peak SAR (extrapolated) = 0.624 W/kg
SAR(1 g) = 0.414 mW/g; SAR(10 g) = 0.241 mW/g
 Maximum value of SAR (measured) = 0.456 mW/g

Ch9400/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
 Reference Value = 11.6 V/m; Power Drift = 0.197 dB
 Peak SAR (extrapolated) = 0.304 W/kg
SAR(1 g) = 0.221 mW/g; SAR(10 g) = 0.146 mW/g
 Maximum value of SAR (measured) = 0.236 mW/g



#72 WCDMA II_RMC12.2k_Rear Face_1cm_Ch9400_Sample1

DUT: 092829-01

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

Medium: MSL_1900_101220 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.48$ mho/m; $\epsilon_r = 54.9$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(4.47, 4.47, 4.47); Calibrated: 2010/5/18
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2010/8/18
- Phantom: SAM - Front; Type: SAM; Serial: TP-1446
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD Version 13.4 Build 125

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

Maximum value of SAR (interpolated) = 0.097 mW/g

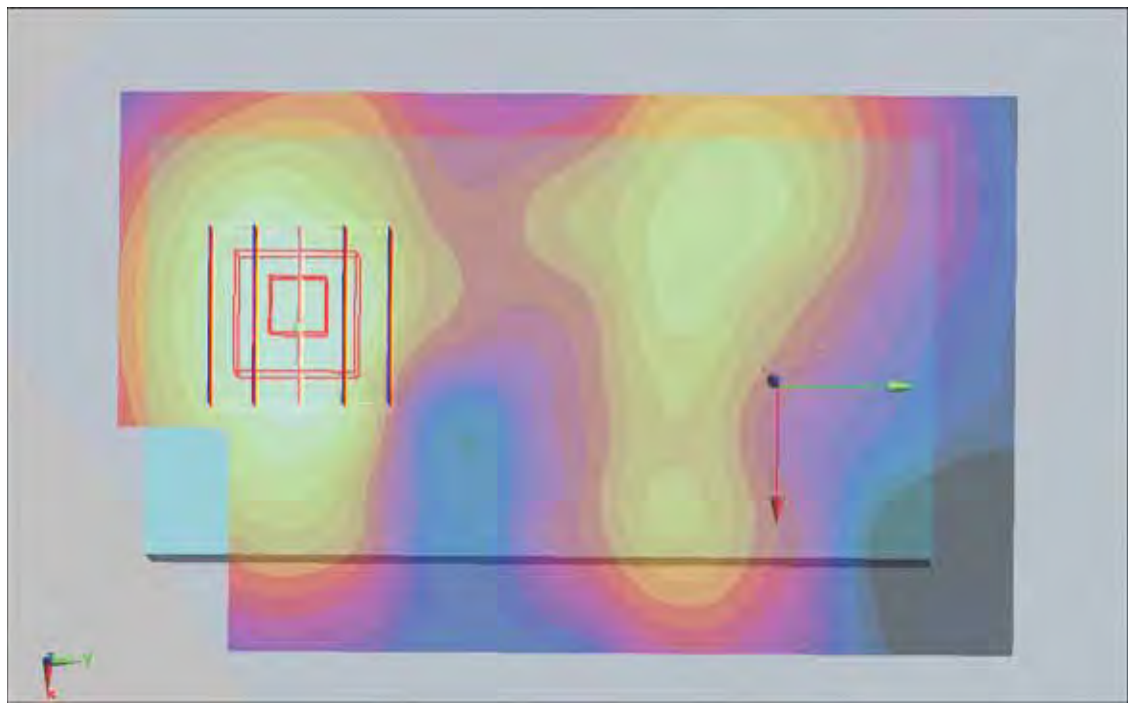
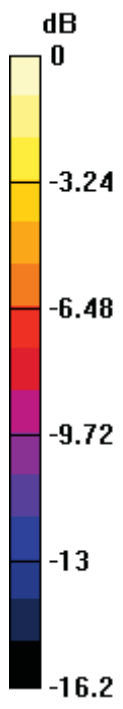
Ch9400/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 2.36 V/m; Power Drift = 0.114 dB

Peak SAR (extrapolated) = 0.109 W/kg

SAR(1 g) = 0.077 mW/g; SAR(10 g) = 0.048 mW/g

Maximum value of SAR (measured) = 0.083 mW/g



0 dB = 0.083mW/g

#73 WCDMA II_RMC12.2k_Bottom Side_1cm_Ch9400_Sample1

DUT: 092829-01

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

Medium: MSL_1900_101220 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.48$ mho/m; $\epsilon_r = 54.9$; $\rho = 1000$

kg/m³

Ambient Temperature : 22.4 °C ; Liquid Temperature : 21.5 °C

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(4.47, 4.47, 4.47); Calibrated: 2010/5/18

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

- Electronics: DAE3 Sn577; Calibrated: 2010/8/18

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

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

Ch9400/Area Scan (31x51x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.067 mW/g

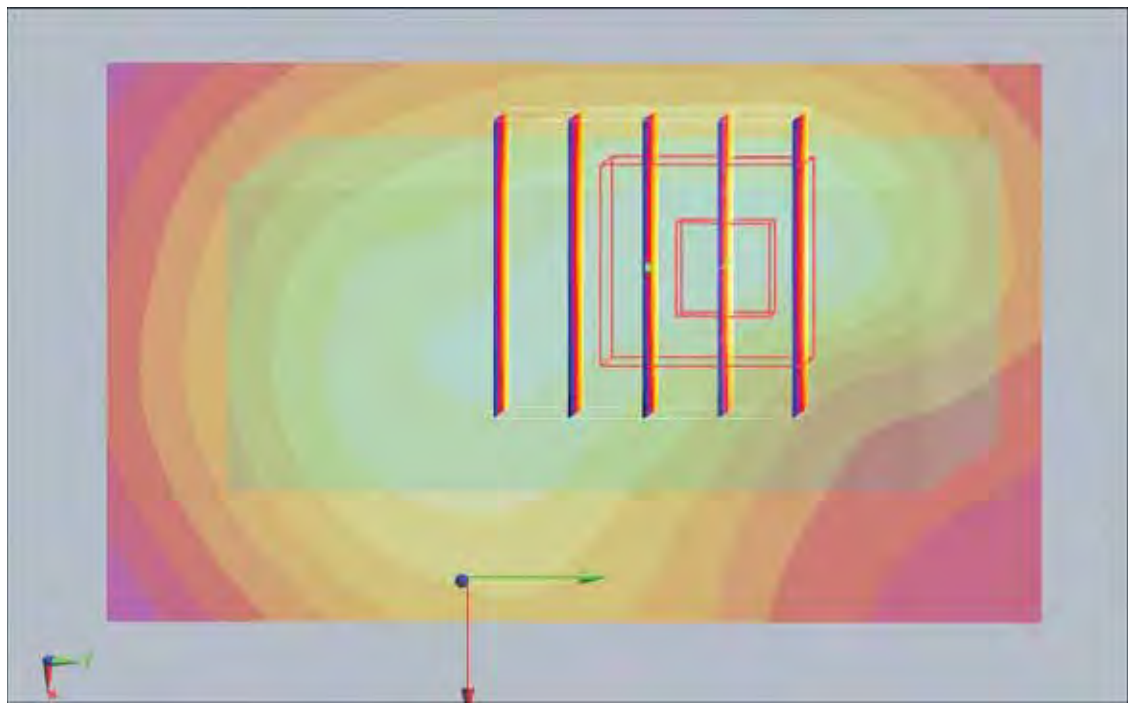
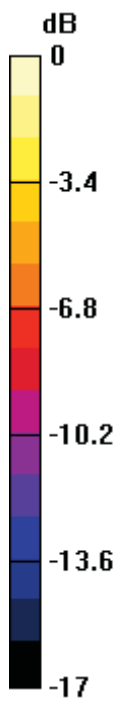
Ch9400/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 6.33 V/m; Power Drift = -0.113 dB

Peak SAR (extrapolated) = 0.097 W/kg

SAR(1 g) = 0.062 mW/g; SAR(10 g) = 0.036 mW/g

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



0 dB = 0.069mW/g

#74 WCDMA II_RMC12.2k_Left Side_1cm_Ch9400_Sample1

DUT: 092829-01

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

Medium: MSL_1900_101220 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.48$ mho/m; $\epsilon_r = 54.9$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(4.47, 4.47, 4.47); Calibrated: 2010/5/18
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2010/8/18
- Phantom: SAM - Front; Type: SAM; Serial: TP-1446
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD Version 13.4 Build 125

Ch9400/Area Scan (31x81x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.090 mW/g

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

Reference Value = 5.43 V/m; Power Drift = -0.105 dB

Peak SAR (extrapolated) = 0.111 W/kg

SAR(1 g) = 0.075 mW/g; SAR(10 g) = 0.046 mW/g

Maximum value of SAR (measured) = 0.082 mW/g

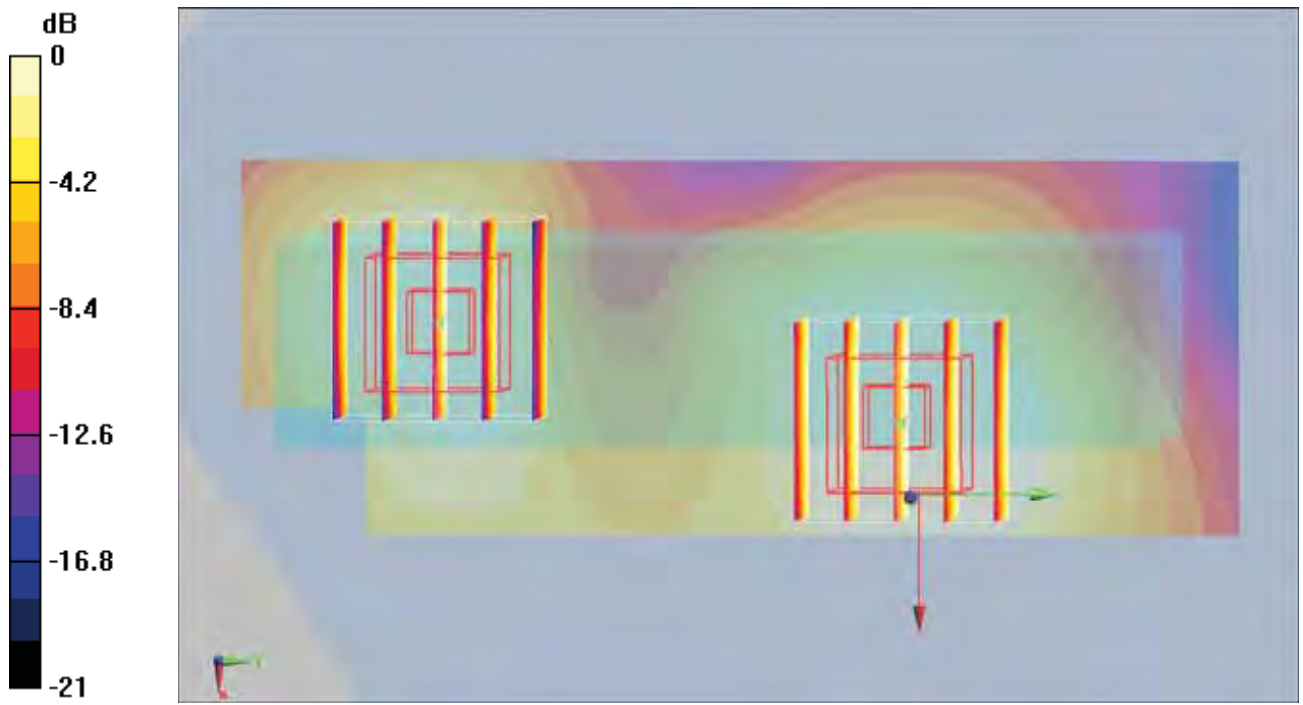
Ch9400/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 5.43 V/m; Power Drift = -0.105 dB

Peak SAR (extrapolated) = 0.073 W/kg

SAR(1 g) = 0.050 mW/g; SAR(10 g) = 0.030 mW/g

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



0 dB = 0.054mW/g

#75 WCDMA II_RMC12.2k_Right Side_1cm_Ch9400_Sample1

DUT: 092829-01

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

Medium: MSL_1900_101220 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.48$ mho/m; $\epsilon_r = 54.9$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.4 °C ; Liquid Temperature : 21.5 °C

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(4.47, 4.47, 4.47); Calibrated: 2010/5/18
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2010/8/18
- Phantom: SAM - Front; Type: SAM; Serial: TP-1446
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD Version 13.4 Build 125

Ch9400/Area Scan (41x81x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.063 mW/g

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

Reference Value = 6.16 V/m; Power Drift = 0.177 dB

Peak SAR (extrapolated) = 0.081 W/kg

SAR(1 g) = 0.057 mW/g; SAR(10 g) = 0.035 mW/g

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

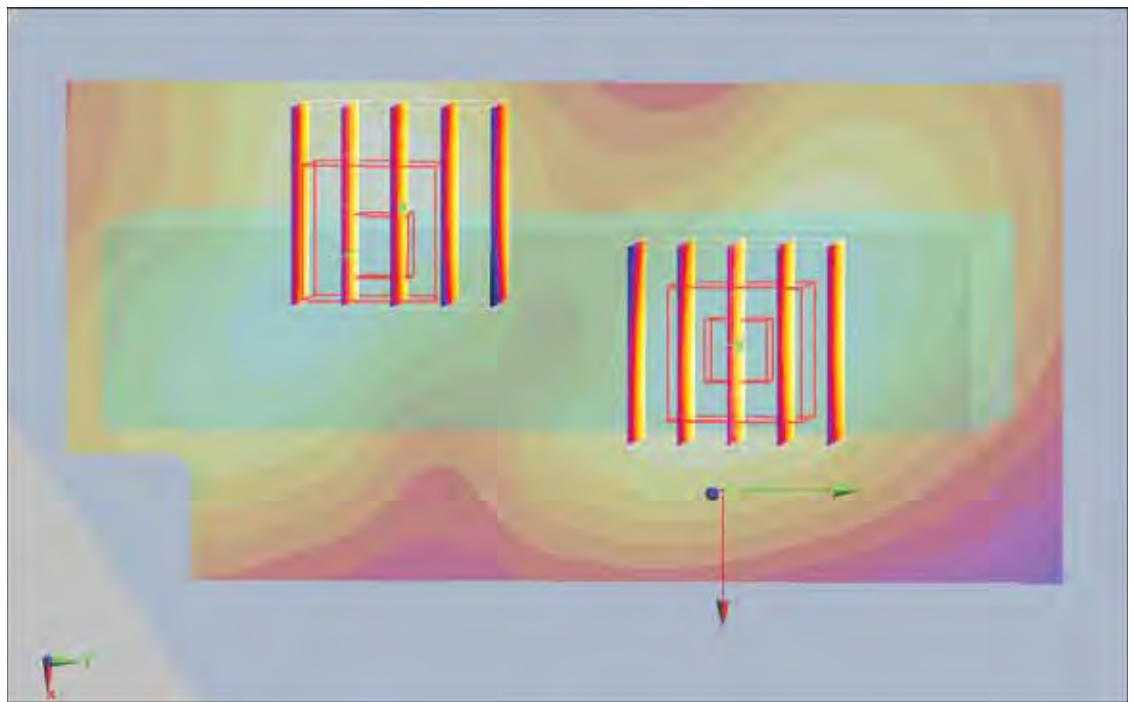
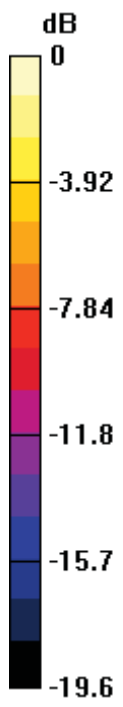
Ch9400/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 6.16 V/m; Power Drift = 0.177 dB

Peak SAR (extrapolated) = 0.078 W/kg

SAR(1 g) = 0.051 mW/g; SAR(10 g) = 0.031 mW/g

Maximum value of SAR (measured) = 0.055 mW/g



0 dB = 0.055mW/g

#77 WCDMA II_RMC12.2k_Front Face_1cm_Ch9400_Sample2

DUT: 092829-01

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

Medium: MSL_1900_101220 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.48$ mho/m; $\epsilon_r = 54.9$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.4 °C ; Liquid Temperature : 21.5 °C

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(4.47, 4.47, 4.47); Calibrated: 2010/5/18
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2010/8/18
- Phantom: SAM - Front; Type: SAM; Serial: TP-1446
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD Version 13.4 Build 125

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

Maximum value of SAR (interpolated) = 0.204 mW/g

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

Reference Value = 12.3 V/m; Power Drift = 0.173 dB

Peak SAR (extrapolated) = 0.315 W/kg

SAR(1 g) = 0.214 mW/g; SAR(10 g) = 0.126 mW/g

Maximum value of SAR (measured) = 0.242 mW/g

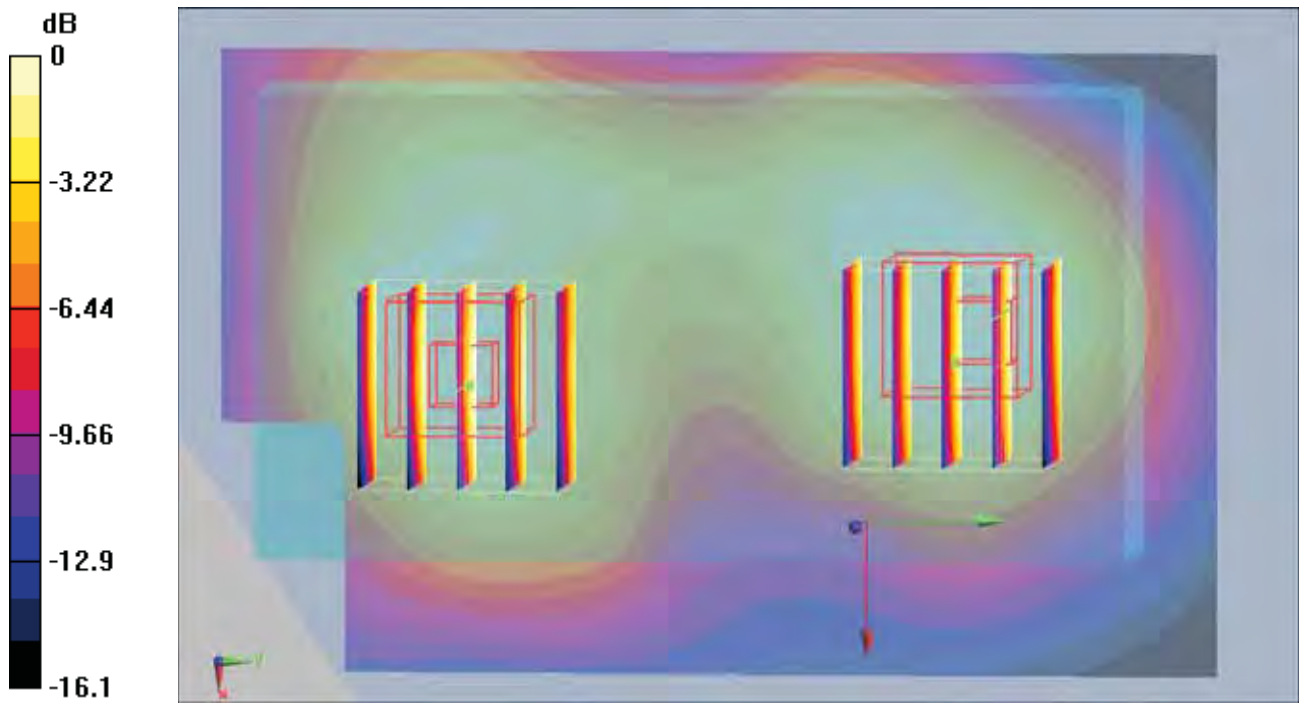
Ch9400/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 12.3 V/m; Power Drift = 0.173 dB

Peak SAR (extrapolated) = 0.251 W/kg

SAR(1 g) = 0.174 mW/g; SAR(10 g) = 0.113 mW/g

Maximum value of SAR (measured) = 0.183 mW/g



0 dB = 0.183mW/g

#77 WCDMA II_RMC12.2k_Front Face_1cm_Ch9400_Sample2_2D

DUT: 092829-01

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

Medium: MSL_1900_101220 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.48$ mho/m; $\epsilon_r = 54.9$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.4 °C ; Liquid Temperature : 21.5 °C

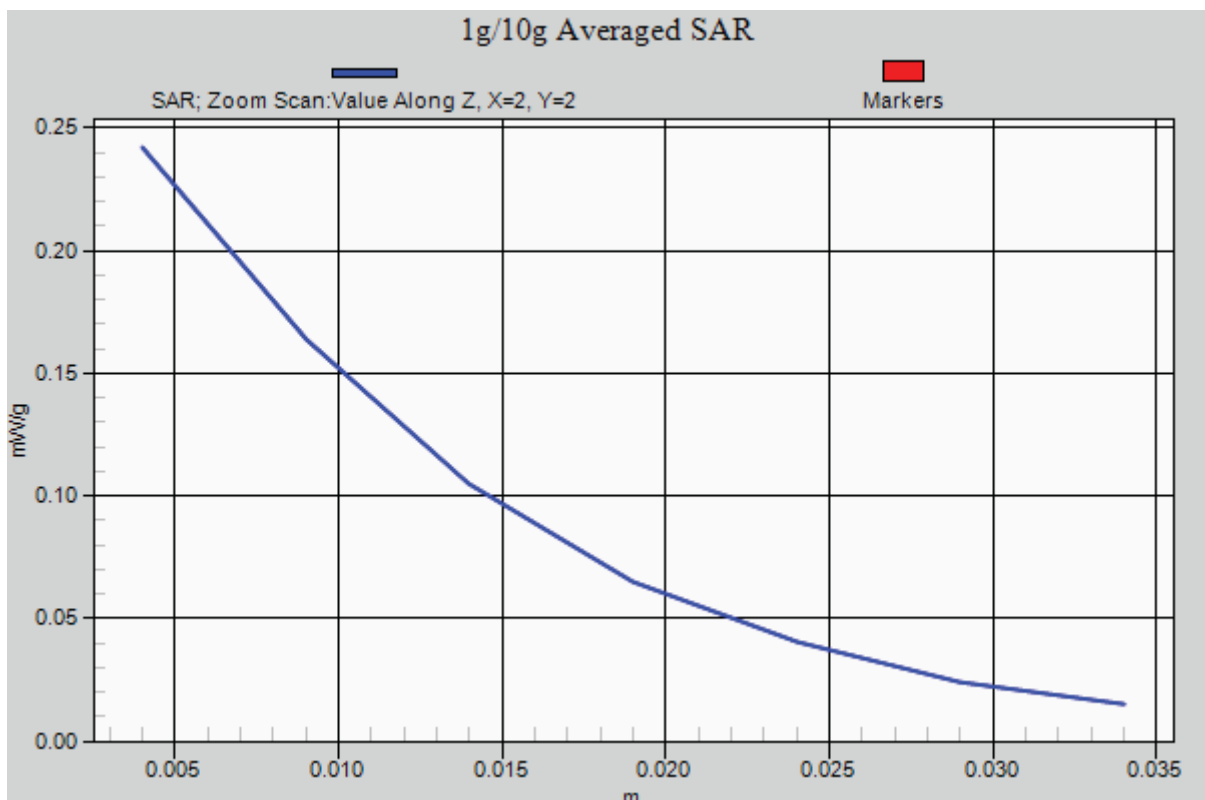
DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(4.47, 4.47, 4.47); Calibrated: 2010/5/18
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2010/8/18
- Phantom: SAM - Front; Type: SAM; Serial: TP-1446
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD Version 13.4 Build 125

Ch9400/Area Scan (51x81x1): Measurement grid: dx=20mm, dy=20mm
 Maximum value of SAR (interpolated) = 0.204 mW/g

Ch9400/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
 Reference Value = 12.3 V/m; Power Drift = 0.173 dB
 Peak SAR (extrapolated) = 0.315 W/kg
SAR(1 g) = 0.214 mW/g; SAR(10 g) = 0.126 mW/g
 Maximum value of SAR (measured) = 0.242 mW/g

Ch9400/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
 Reference Value = 12.3 V/m; Power Drift = 0.173 dB
 Peak SAR (extrapolated) = 0.251 W/kg
SAR(1 g) = 0.174 mW/g; SAR(10 g) = 0.113 mW/g
 Maximum value of SAR (measured) = 0.183 mW/g



#78 WCDMA II_RMC12.2k_Rear Face_1cm_Ch9400_Sample2

DUT: 092829-01

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

Medium: MSL_1900_101220 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.48$ mho/m; $\epsilon_r = 54.9$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.4 °C ; Liquid Temperature : 21.5 °C

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(4.47, 4.47, 4.47); Calibrated: 2010/5/18
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2010/8/18
- Phantom: SAM - Front; Type: SAM; Serial: TP-1446
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD Version 13.4 Build 125

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

Maximum value of SAR (interpolated) = 0.053 mW/g

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

Reference Value = 5.86 V/m; Power Drift = 0.119 dB

Peak SAR (extrapolated) = 0.067 W/kg

SAR(1 g) = 0.050 mW/g; SAR(10 g) = 0.032 mW/g

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

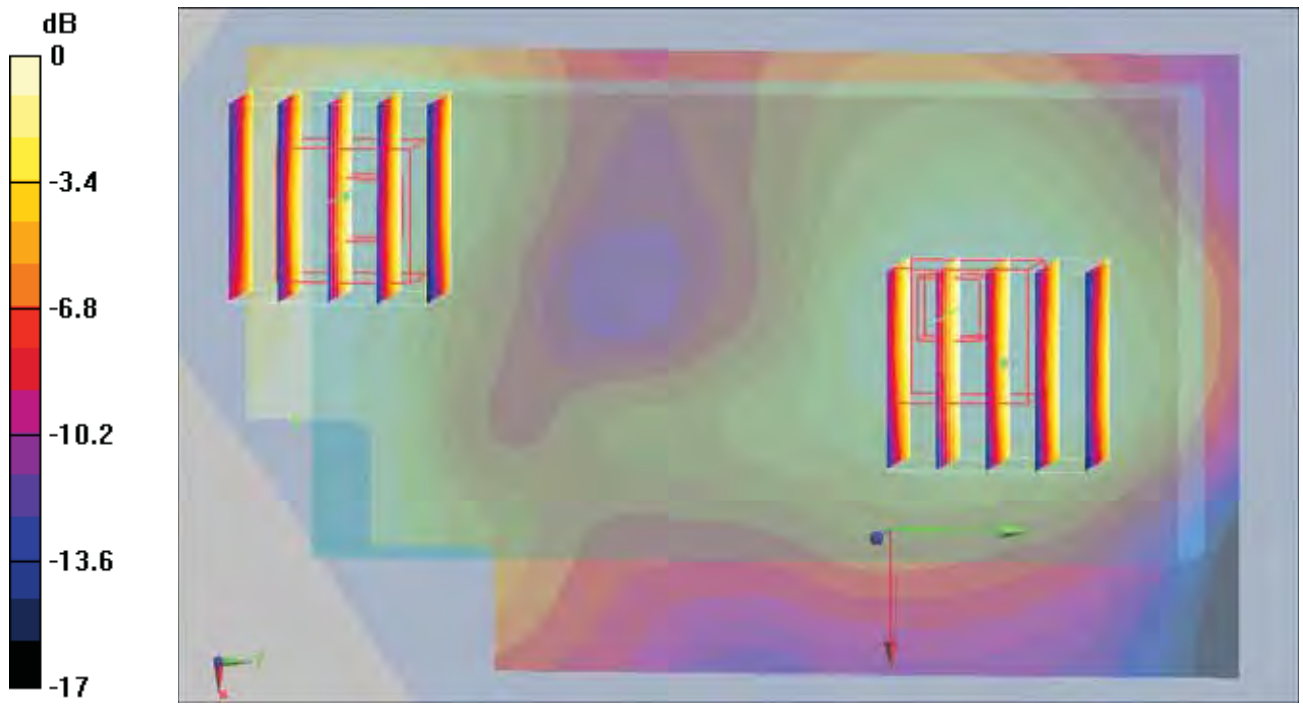
Ch9400/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 5.86 V/m; Power Drift = 0.119 dB

Peak SAR (extrapolated) = 0.066 W/kg

SAR(1 g) = 0.047 mW/g; SAR(10 g) = 0.030 mW/g

Maximum value of SAR (measured) = 0.050 mW/g



#79 WCDMA II_RMC12.2k_Bottom Side_1cm_Ch9400_Sample2

DUT: 092829-01

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

Medium: MSL_1900_101220 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.48$ mho/m; $\epsilon_r = 54.9$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.4 °C ; Liquid Temperature : 21.5 °C

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(4.47, 4.47, 4.47); Calibrated: 2010/5/18
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2010/8/18
- Phantom: SAM - Front; Type: SAM; Serial: TP-1446
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD Version 13.4 Build 125

Ch9400/Area Scan (41x51x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.048 mW/g

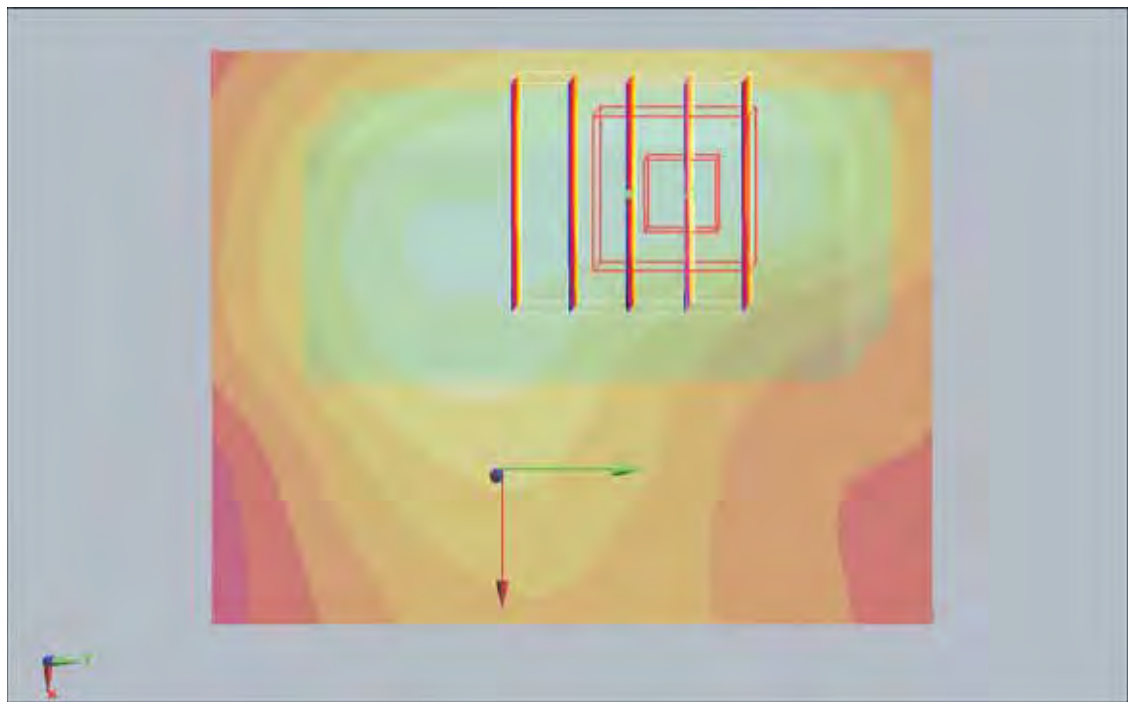
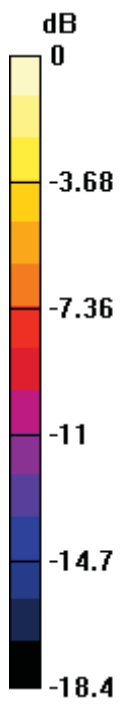
Ch9400/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 5.42 V/m; Power Drift = -0.064 dB

Peak SAR (extrapolated) = 0.068 W/kg

SAR(1 g) = 0.044 mW/g; SAR(10 g) = 0.026 mW/g

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



0 dB = 0.049mW/g

#80 WCDMA II_RMC12.2k_Left Side_1cm_Ch9400_Sample2

DUT: 092829-01

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

Medium: MSL_1900_101220 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.48$ mho/m; $\epsilon_r = 54.9$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.4 °C ; Liquid Temperature : 21.5 °C

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(4.47, 4.47, 4.47); Calibrated: 2010/5/18
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2010/8/18
- Phantom: SAM - Front; Type: SAM; Serial: TP-1446
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD Version 13.4 Build 125

Ch9400/Area Scan (31x81x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.073 mW/g

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

Reference Value = 4.57 V/m; Power Drift = 0.085 dB

Peak SAR (extrapolated) = 0.103 W/kg

SAR(1 g) = 0.073 mW/g; SAR(10 g) = 0.044 mW/g

Maximum value of SAR (measured) = 0.080 mW/g

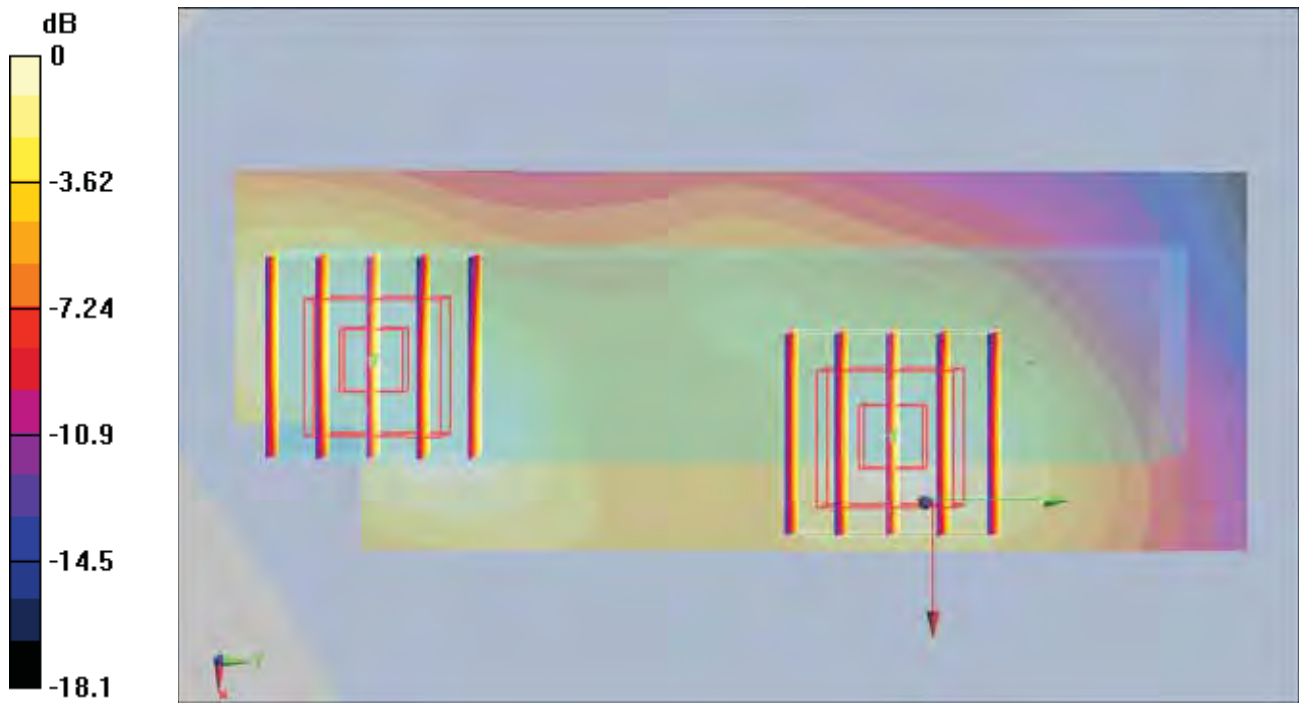
Ch9400/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 4.57 V/m; Power Drift = 0.085 dB

Peak SAR (extrapolated) = 0.094 W/kg

SAR(1 g) = 0.062 mW/g; SAR(10 g) = 0.037 mW/g

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



0 dB = 0.068mW/g

#81 WCDMA II_RMC12.2k_Right Side_1cm_Ch9400_Sample2

DUT: 092829-01

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

Medium: MSL_1900_101220 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.48$ mho/m; $\epsilon_r = 54.9$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.4 °C ; Liquid Temperature : 21.5 °C

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(4.47, 4.47, 4.47); Calibrated: 2010/5/18
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2010/8/18
- Phantom: SAM - Front; Type: SAM; Serial: TP-1446
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD Version 13.4 Build 125

Ch9400/Area Scan (41x81x1): Measurement grid: dx=20mm, dy=20mm

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

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

Reference Value = 4.46 V/m; Power Drift = 0.000957 dB

Peak SAR (extrapolated) = 0.069 W/kg

SAR(1 g) = 0.046 mW/g; SAR(10 g) = 0.028 mW/g

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

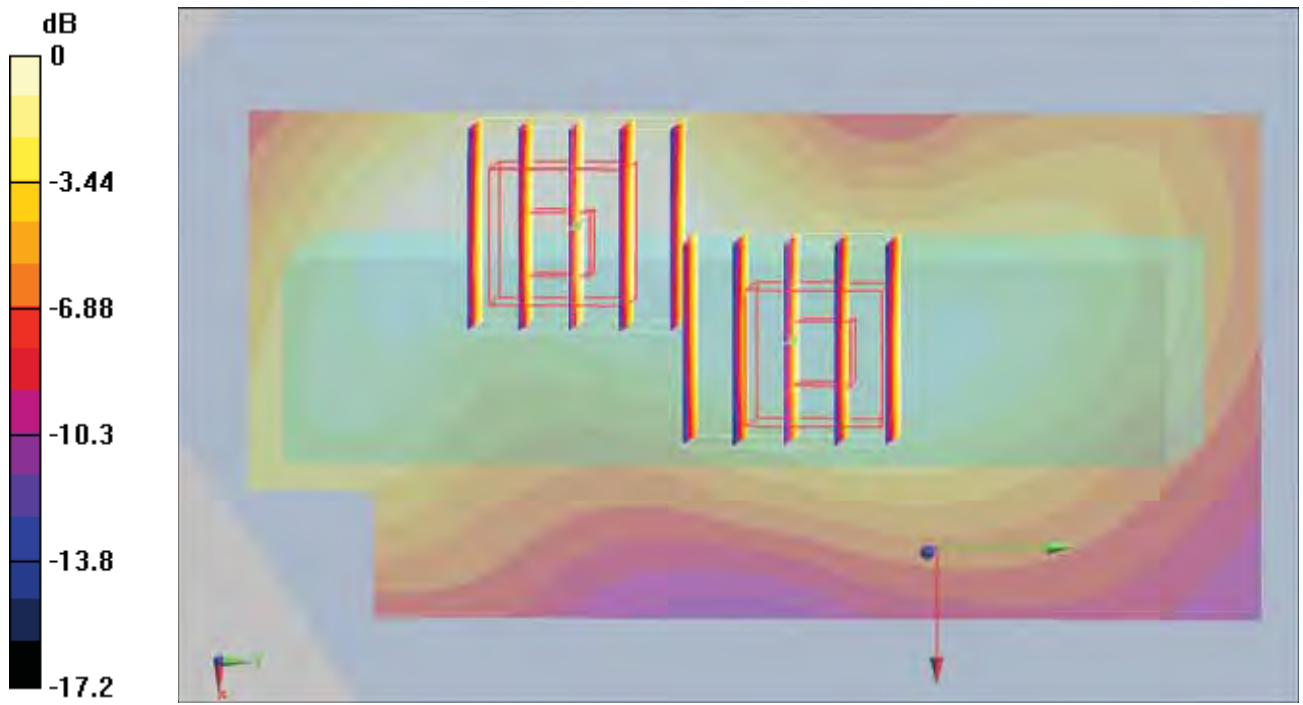
Ch9400/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 4.46 V/m; Power Drift = 0.000957 dB

Peak SAR (extrapolated) = 0.056 W/kg

SAR(1 g) = 0.037 mW/g; SAR(10 g) = 0.023 mW/g

Maximum value of SAR (measured) = 0.039 mW/g



0 dB = 0.039mW/g