



Appendix B. Plots of SAR Measurement

The plots are shown as follows.

#01 GSM850_Right Cheek_Ch189

DUT: 241001

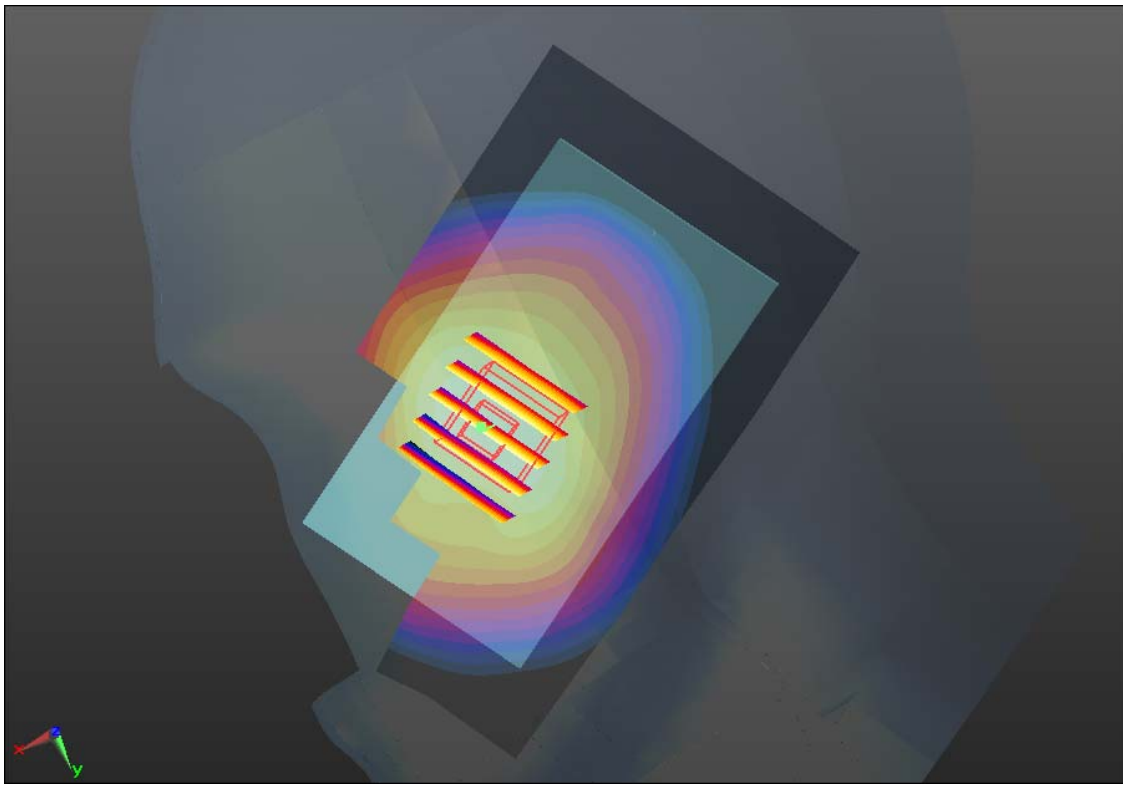
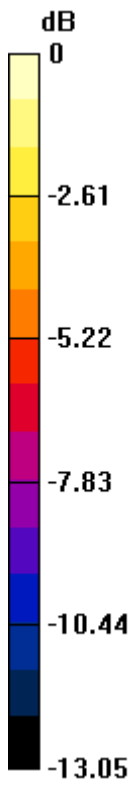
Communication System: General GSM; Frequency: 836.4 MHz; Duty Cycle: 1:8.3
Medium: HSL_835_120413 Medium parameters used: $f = 836.4$ MHz; $\sigma = 0.928$ mho/m; $\epsilon_r = 42.659$; $\rho = 1000$ kg/m³
Ambient Temperature : 23.1 °C; Liquid Temperature : 21.3 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(8.45, 8.45, 8.45); Calibrated: 2011-9-2
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

Ch189/Area Scan (61x101x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.834 mW/g

Ch189/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 9.141 V/m; Power Drift = 0.05 dB
Peak SAR (extrapolated) = 1.038 W/kg
SAR(1 g) = 0.763 mW/g; SAR(10 g) = 0.551 mW/g
Maximum value of SAR (measured) = 0.812 mW/g



0 dB = 0.810mW/g

#02 GSM850_Right Tilted_Ch189

DUT: 241001

Communication System: General GSM; Frequency: 836.4 MHz; Duty Cycle: 1:8.3

Medium: HSL_835_120413 Medium parameters used: $f = 836.4$ MHz; $\sigma = 0.928$ mho/m; $\epsilon_r =$

42.659; $\rho = 1000$ kg/m³

Ambient Temperature : 23.1 °C ; Liquid Temperature : 21.3 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(8.45, 8.45, 8.45); Calibrated: 2011-9-2
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

Ch189/Area Scan (61x101x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.374 mW/g

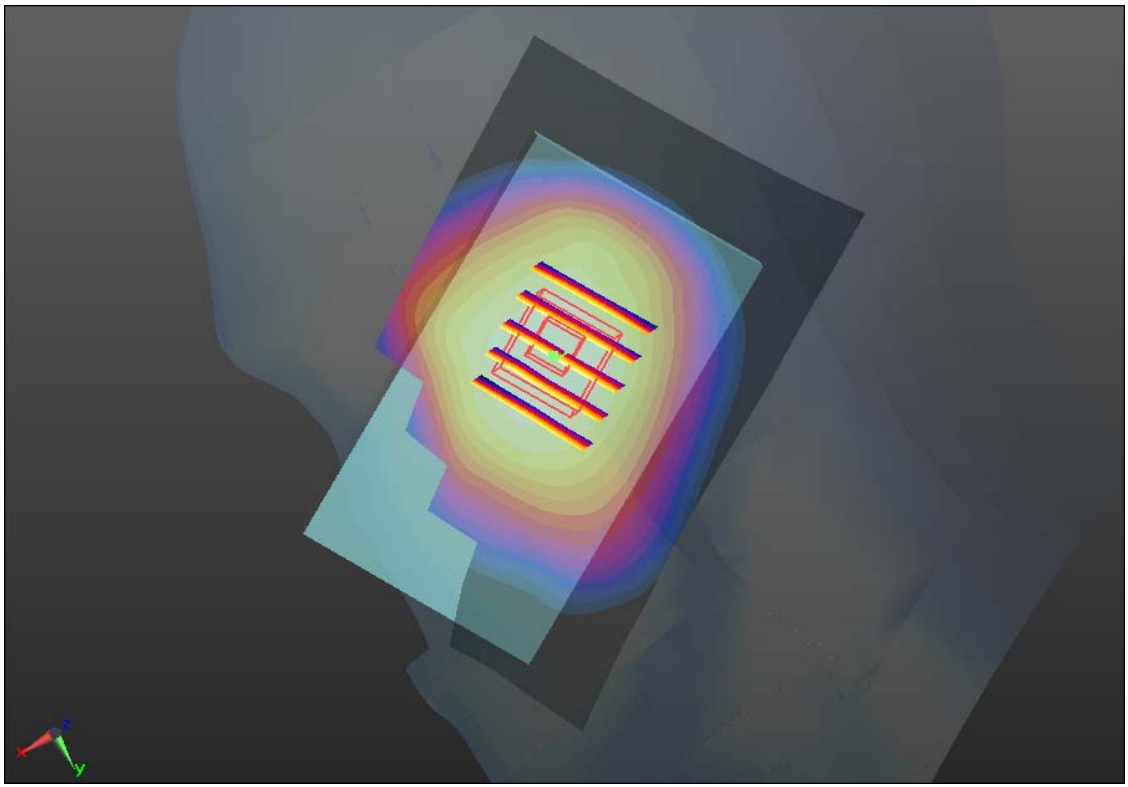
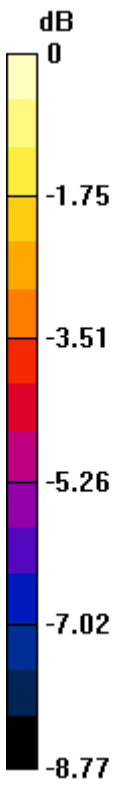
Ch189/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 12.975 V/m; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 0.431 W/kg

SAR(1 g) = 0.353 mW/g; SAR(10 g) = 0.274 mW/g

Maximum value of SAR (measured) = 0.366 mW/g



0 dB = 0.370mW/g

#03 GSM850_Left Cheek_Ch189

DUT: 241001

Communication System: General GSM; Frequency: 836.4 MHz; Duty Cycle: 1:8.3

Medium: HSL_835_120413 Medium parameters used: $f = 836.4$ MHz; $\sigma = 0.928$ mho/m; $\epsilon_r =$

42.659; $\rho = 1000$ kg/m³

Ambient Temperature : 23.1 °C ; Liquid Temperature : 21.3 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(8.45, 8.45, 8.45); Calibrated: 2011-9-2
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

Ch189/Area Scan (61x101x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.823 mW/g

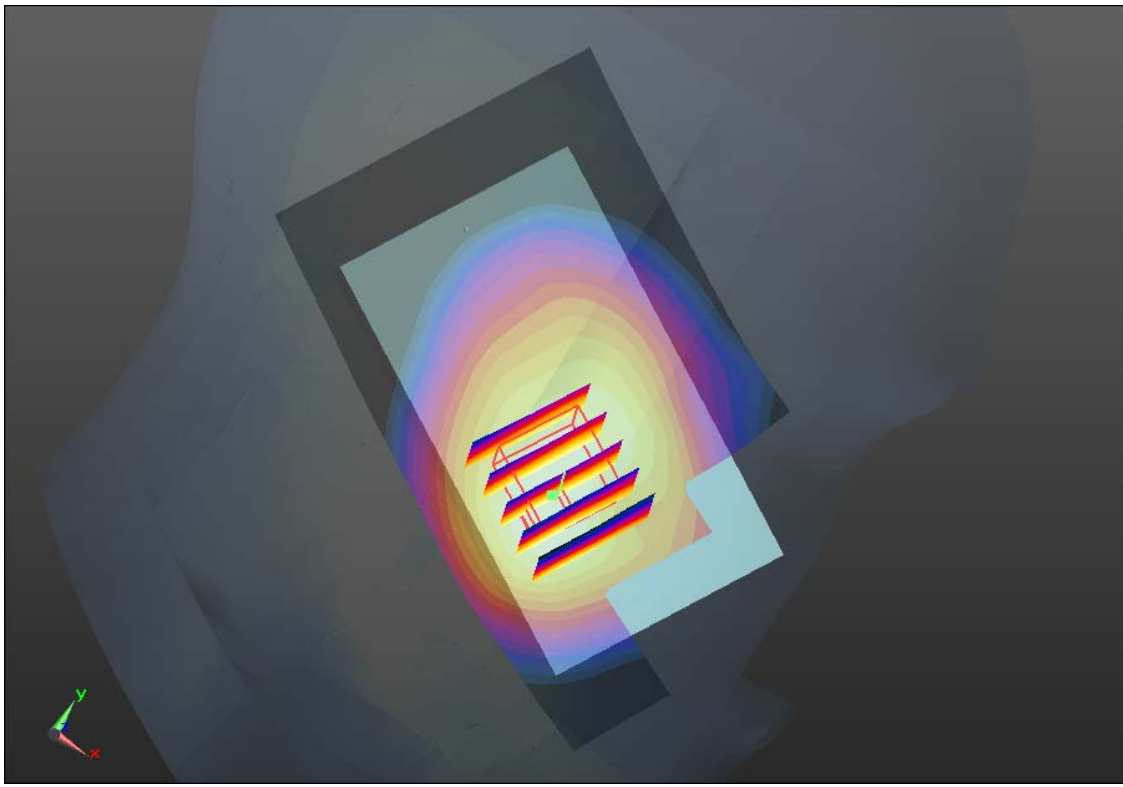
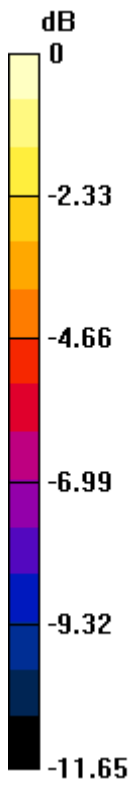
Ch189/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 9.060 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 1.172 W/kg

SAR(1 g) = 0.766 mW/g; SAR(10 g) = 0.515 mW/g

Maximum value of SAR (measured) = 0.804 mW/g



0 dB = 0.800mW/g

#03 GSM850_Left Cheek_Ch189_2D

DUT: 241001

Communication System: General GSM; Frequency: 836.4 MHz; Duty Cycle: 1:8.3
Medium: HSL_835_120413 Medium parameters used: $f = 836.4$ MHz; $\sigma = 0.928$ mho/m; $\epsilon_r = 42.659$; $\rho = 1000$ kg/m³
Ambient Temperature : 23.1 °C; Liquid Temperature : 21.3 °C

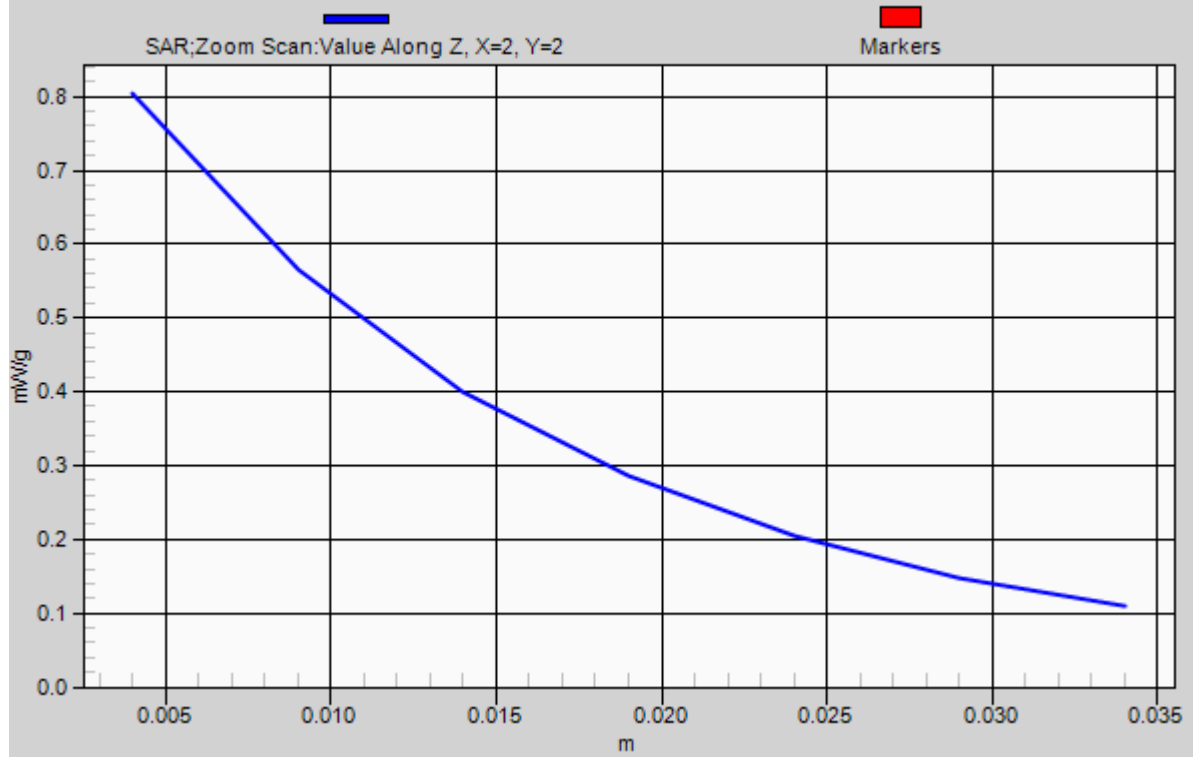
DASY5 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(8.45, 8.45, 8.45); Calibrated: 2011-9-2
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

Ch189/Area Scan (61x101x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.823 mW/g

Ch189/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 9.060 V/m; Power Drift = -0.07 dB
Peak SAR (extrapolated) = 1.172 W/kg
SAR(1 g) = 0.766 mW/g; SAR(10 g) = 0.515 mW/g
Maximum value of SAR (measured) = 0.804 mW/g

1g/10g Averaged SAR



#04 GSM850_Left Tilted_Ch189

DUT: 241001

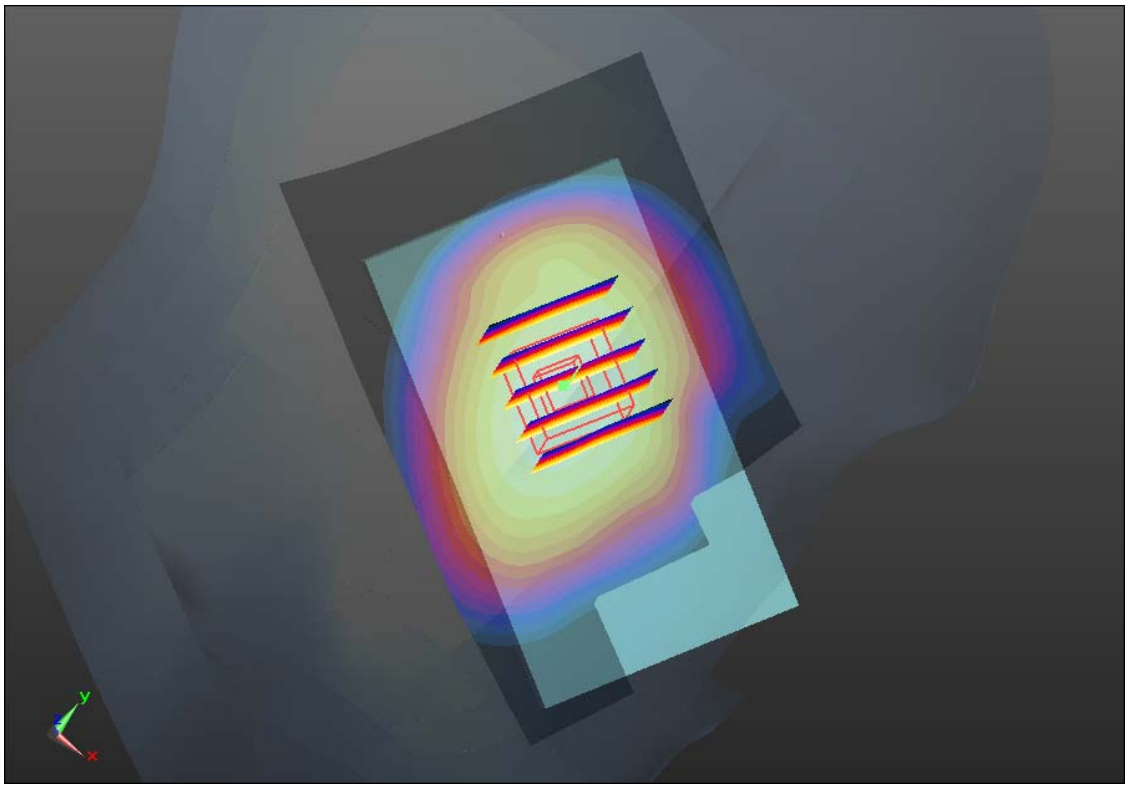
Communication System: General GSM; Frequency: 836.4 MHz; Duty Cycle: 1:8.3
Medium: HSL_835_120413 Medium parameters used: $f = 836.4$ MHz; $\sigma = 0.928$ mho/m; $\epsilon_r = 42.659$; $\rho = 1000$ kg/m³
Ambient Temperature : 23.1 °C ; Liquid Temperature : 21.3 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(8.45, 8.45, 8.45); Calibrated: 2011-9-2
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

Ch189/Area Scan (61x101x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.402 mW/g

Ch189/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 13.199 V/m; Power Drift = 0.05 dB
Peak SAR (extrapolated) = 0.461 W/kg
SAR(1 g) = 0.379 mW/g; SAR(10 g) = 0.289 mW/g
Maximum value of SAR (measured) = 0.398 mW/g



0 dB = 0.400mW/g

#05 GSM1900_Right Cheek_Ch810

DUT: 241001

Communication System: General GSM; Frequency: 1909.8 MHz; Duty Cycle: 1:8.3
Medium: HSL_1900_120413 Medium parameters used: $f = 1910$ MHz; $\sigma = 1.422$ mho/m; $\epsilon_r = 39.308$; $\rho = 1000$ kg/m³
Ambient Temperature : 23.3 °C ; Liquid Temperature : 21.4 °C

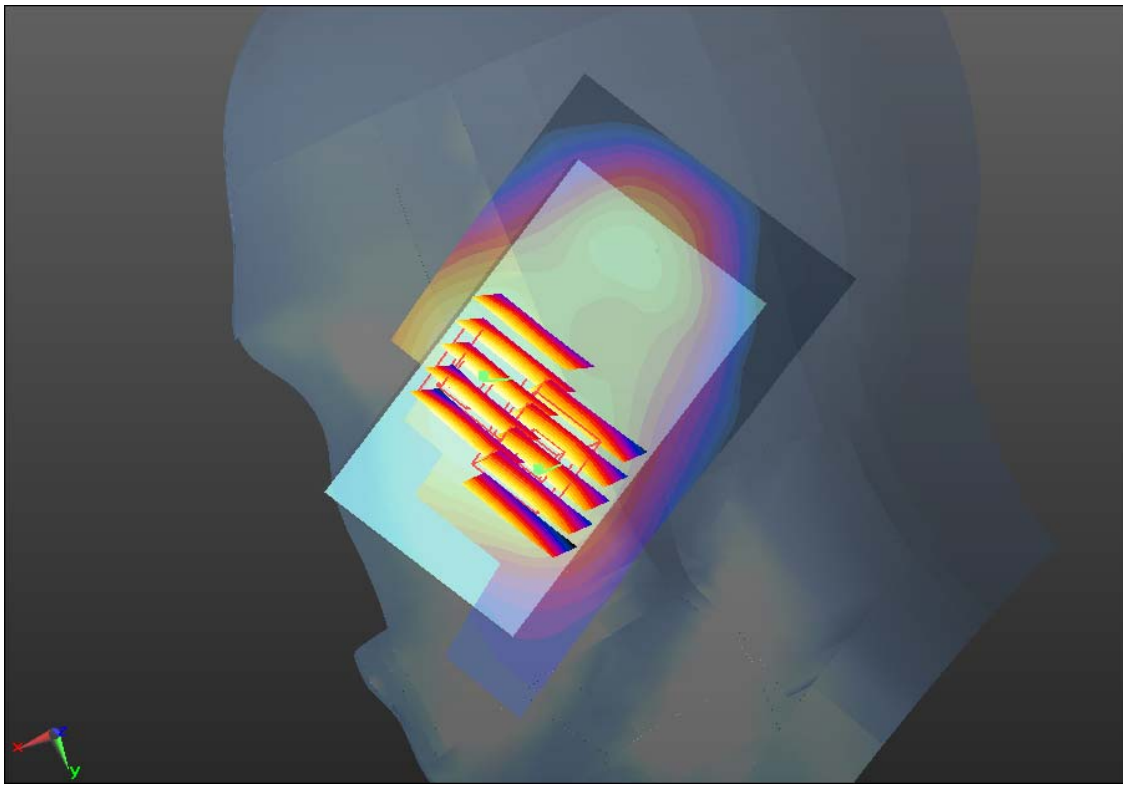
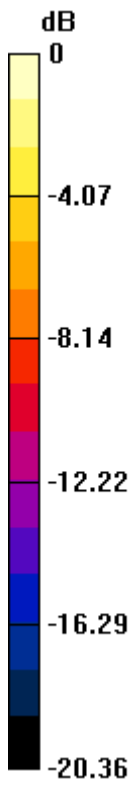
DASY5 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(7.46, 7.46, 7.46); Calibrated: 2011-9-2
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

Ch810/Area Scan (61x101x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.478 mW/g

Ch810/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 11.411 V/m; Power Drift = 0.17 dB
Peak SAR (extrapolated) = 0.911 W/kg
SAR(1 g) = 0.536 mW/g; SAR(10 g) = 0.298 mW/g
Maximum value of SAR (measured) = 0.549 mW/g

Ch810/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 11.411 V/m; Power Drift = 0.17 dB
Peak SAR (extrapolated) = 0.586 W/kg
SAR(1 g) = 0.394 mW/g; SAR(10 g) = 0.242 mW/g
Maximum value of SAR (measured) = 0.417 mW/g



0 dB = 0.420mW/g

#06 GSM1900_Right Tilted_Ch810

DUT: 241001

Communication System: General GSM; Frequency: 1909.8 MHz; Duty Cycle: 1:8.3

Medium: HSL_1900_120413 Medium parameters used: $f = 1910$ MHz; $\sigma = 1.422$ mho/m; $\epsilon_r =$

39.308; $\rho = 1000$ kg/m³

Ambient Temperature : 23.3 °C ; Liquid Temperature : 21.4 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(7.46, 7.46, 7.46); Calibrated: 2011-9-2
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

Ch810/Area Scan (61x101x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.349 mW/g

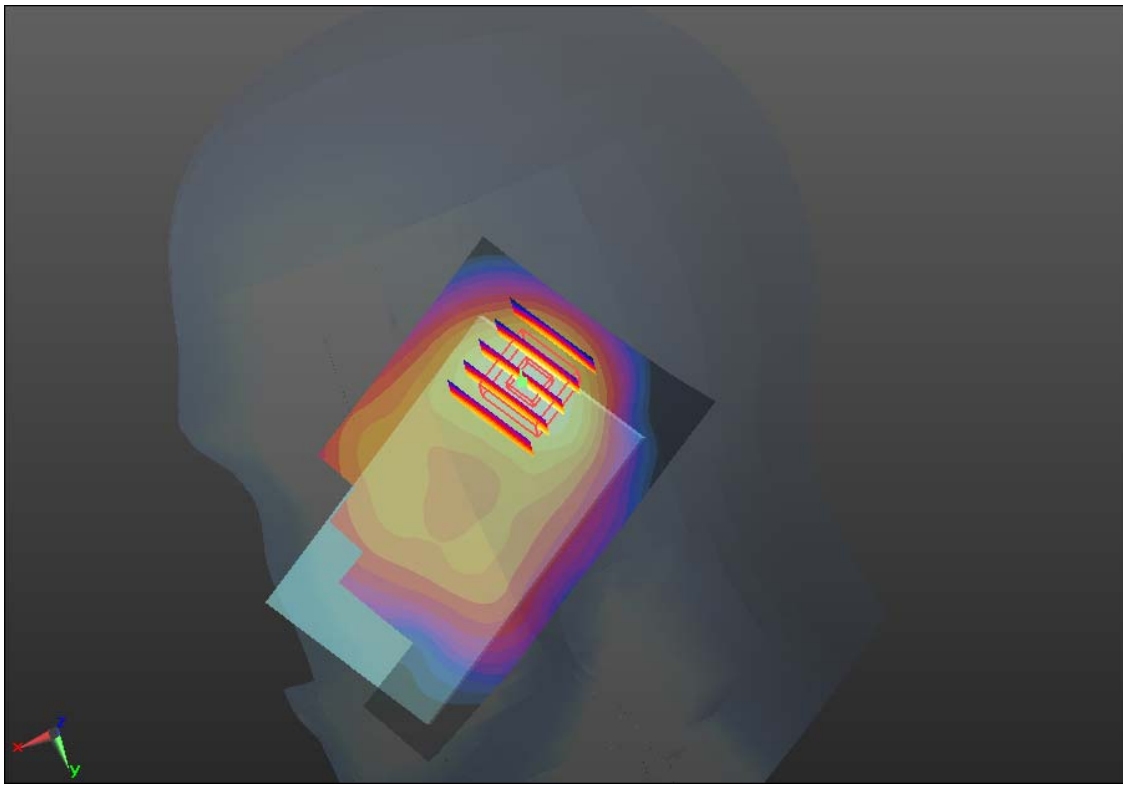
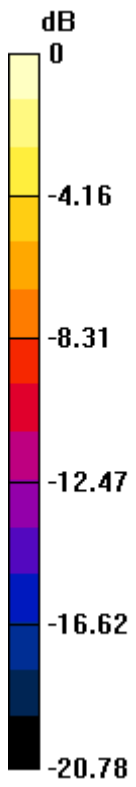
Ch810/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 15.031 V/m; Power Drift = 0.13 dB

Peak SAR (extrapolated) = 0.526 W/kg

SAR(1 g) = 0.310 mW/g; SAR(10 g) = 0.168 mW/g

Maximum value of SAR (measured) = 0.342 mW/g



0 dB = 0.340mW/g

#07 GSM1900_Left Cheek_Ch810

DUT: 241001

Communication System: General GSM; Frequency: 1909.8 MHz; Duty Cycle: 1:8.3

Medium: HSL_1900_120413 Medium parameters used: $f = 1910$ MHz; $\sigma = 1.422$ mho/m; $\epsilon_r =$

39.308; $\rho = 1000$ kg/m³

Ambient Temperature : 23.3 °C ; Liquid Temperature : 21.4 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(7.46, 7.46, 7.46); Calibrated: 2011-9-2
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

Ch810/Area Scan (61x101x1): Measurement grid: dx=15mm, dy=15mm

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

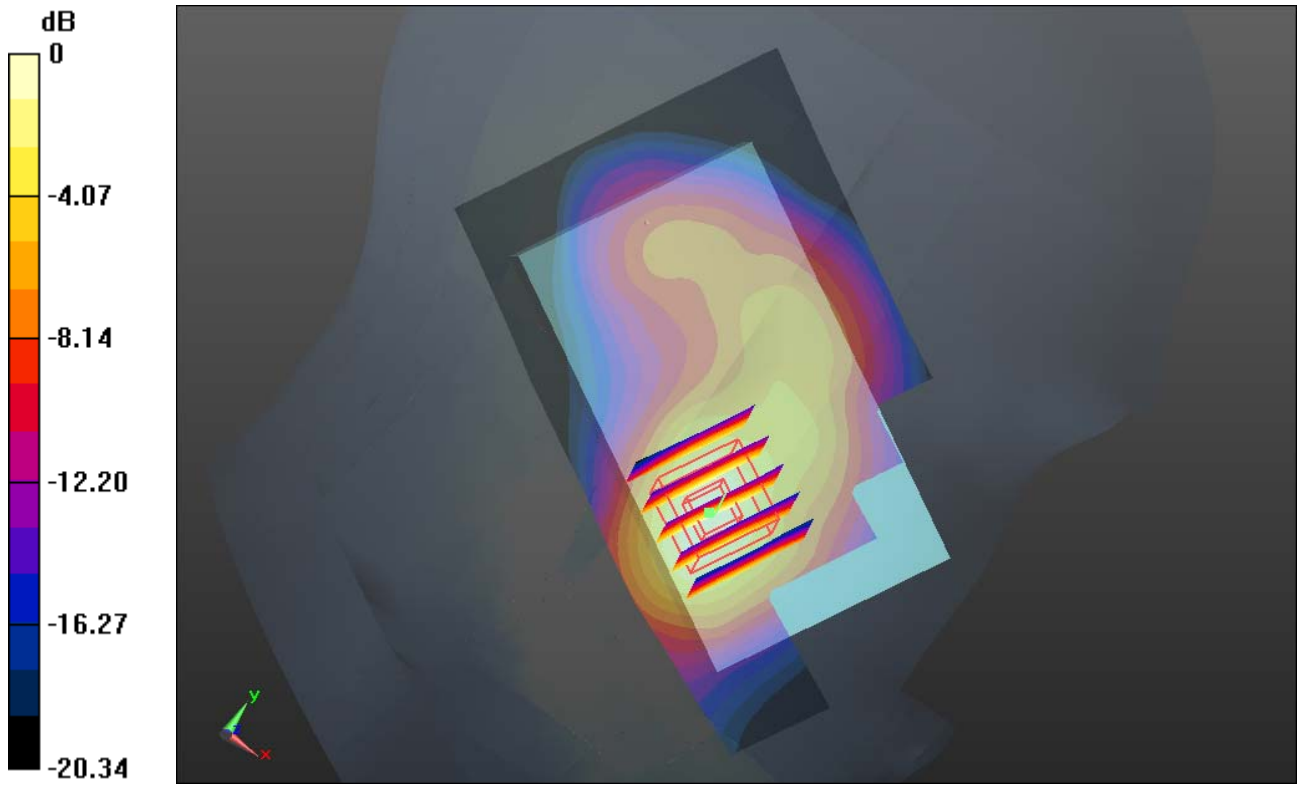
Ch810/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 11.543 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 1.671 W/kg

SAR(1 g) = 0.952 mW/g; SAR(10 g) = 0.499 mW/g

Maximum value of SAR (measured) = 1.093 mW/g



0 dB = 1.090mW/g

#10 GSM1900_Left Tilted_Ch810

DUT: 241001

Communication System: General GSM; Frequency: 1909.8 MHz; Duty Cycle: 1:8.3

Medium: HSL_1900_120413 Medium parameters used: $f = 1910$ MHz; $\sigma = 1.422$ mho/m; $\epsilon_r =$

39.308; $\rho = 1000$ kg/m³

Ambient Temperature : 23.3 °C ; Liquid Temperature : 21.4 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(7.46, 7.46, 7.46); Calibrated: 2011-9-2
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

Ch810/Area Scan (61x101x1): Measurement grid: dx=15mm, dy=15mm

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

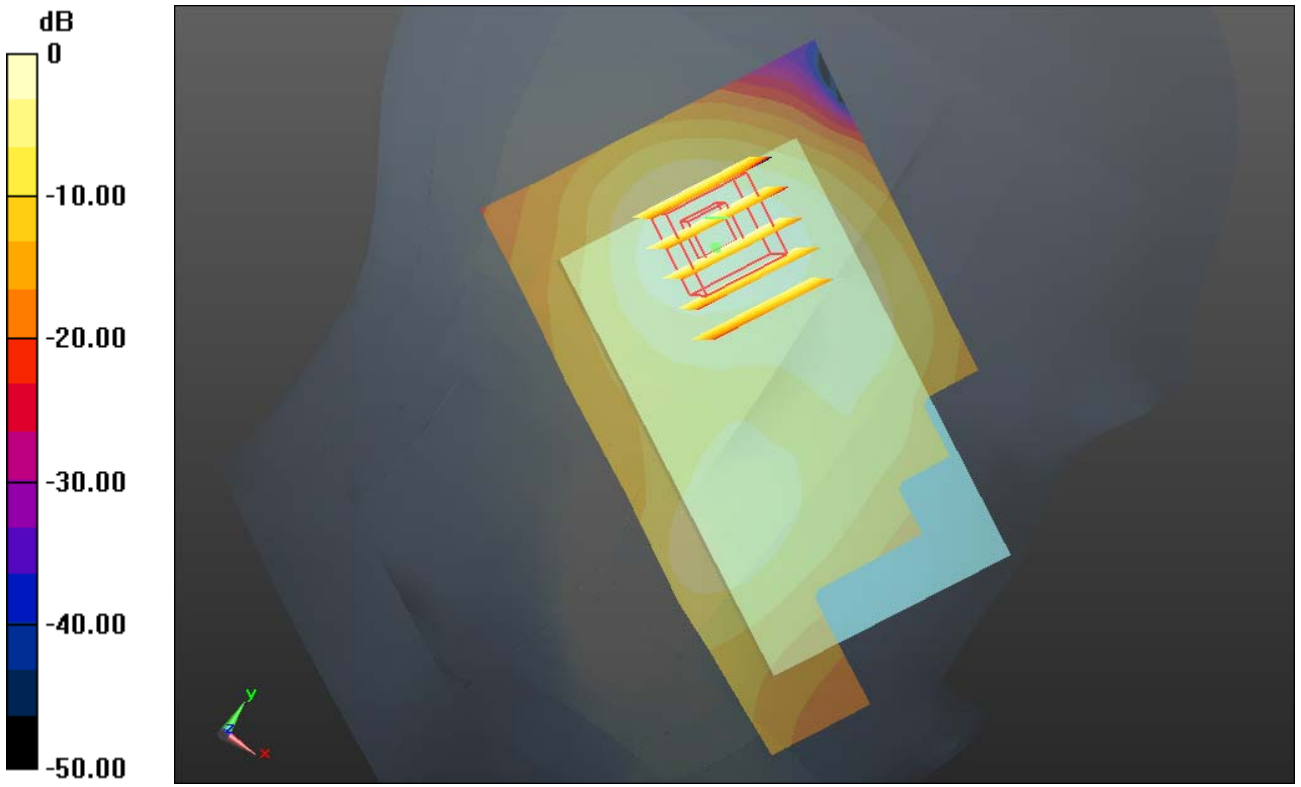
Ch810/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 14.921 V/m; Power Drift = 0.12 dB

Peak SAR (extrapolated) = 0.506 W/kg

SAR(1 g) = 0.299 mW/g; SAR(10 g) = 0.163 mW/g

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



0 dB = 0.320mW/g

#08 GSM1900_Left Cheek_Ch512

DUT: 241001

Communication System: General GSM; Frequency: 1850.2 MHz; Duty Cycle: 1:8.3

Medium: HSL_1900_120413 Medium parameters used: $f = 1850.2$ MHz; $\sigma = 1.351$ mho/m; $\epsilon_r =$

39.39 ; $\rho = 1000$ kg/m³

Ambient Temperature : 23.3 °C ; Liquid Temperature : 21.4 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(7.46, 7.46, 7.46); Calibrated: 2011-9-2
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

Ch512/Area Scan (61x101x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.451 mW/g

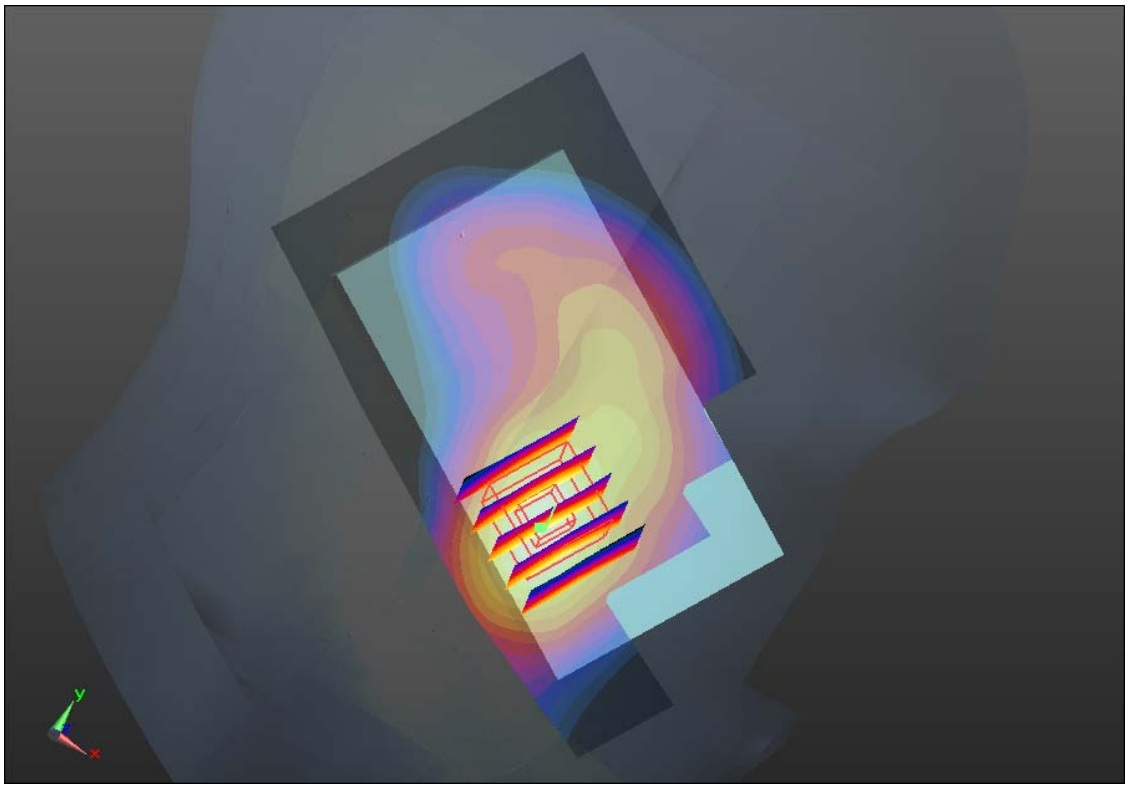
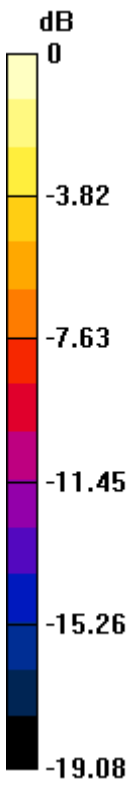
Ch512/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 10.695 V/m; Power Drift = 0.18 dB

Peak SAR (extrapolated) = 2.293 W/kg

SAR(1 g) = 1.33 mW/g; SAR(10 g) = 0.700 mW/g

Maximum value of SAR (measured) = 1.487 mW/g



0 dB = 1.490mW/g

#08 GSM1900_Left Cheek_Ch512_2D

DUT: 241001

Communication System: General GSM; Frequency: 1850.2 MHz; Duty Cycle: 1:8.3

Medium: HSL_1900_120413 Medium parameters used: $f = 1850.2$ MHz; $\sigma = 1.351$ mho/m; $\epsilon_r =$

39.39 ; $\rho = 1000$ kg/m³

Ambient Temperature : 23.3 °C ; Liquid Temperature : 21.4 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(7.46, 7.46, 7.46); Calibrated: 2011-9-2
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

Ch512/Area Scan (61x101x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.451 mW/g

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

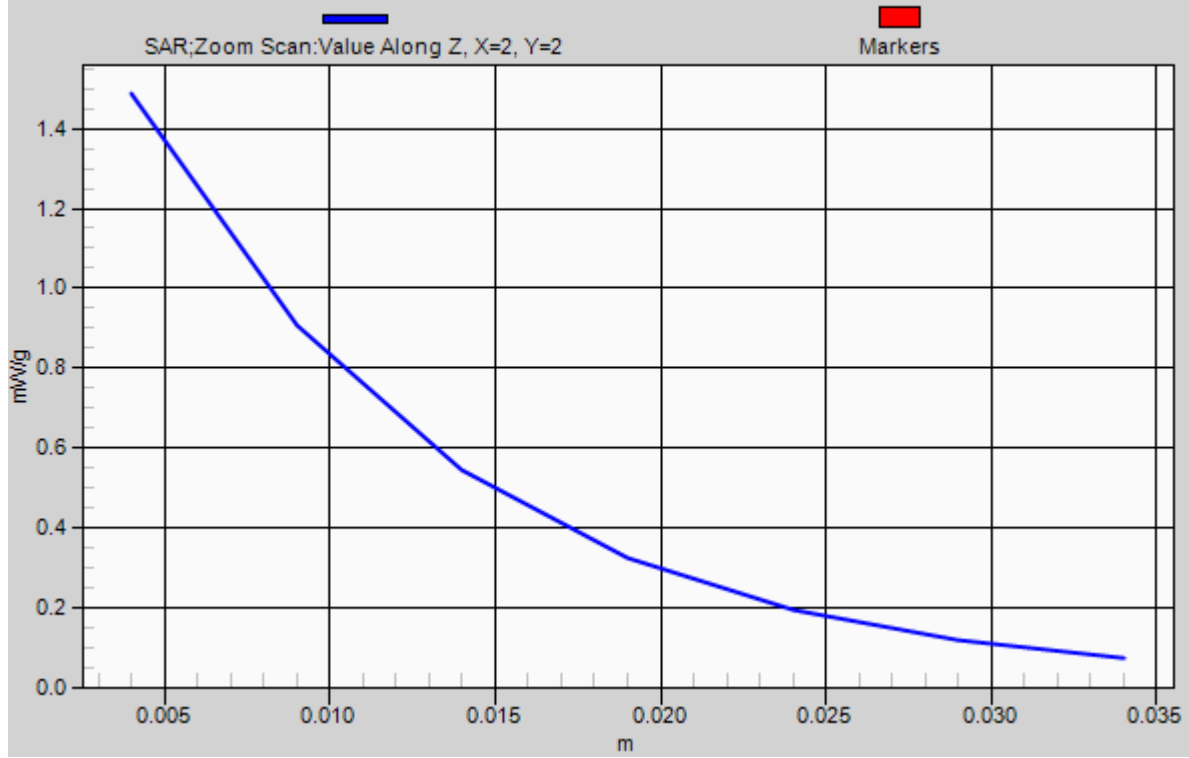
Reference Value = 10.695 V/m; Power Drift = 0.18 dB

Peak SAR (extrapolated) = 2.293 W/kg

SAR(1 g) = 1.33 mW/g; SAR(10 g) = 0.700 mW/g

Maximum value of SAR (measured) = 1.487 mW/g

1g/10g Averaged SAR



#09 GSM1900_Left Cheek_Ch661

DUT: 241001

Communication System: General GSM; Frequency: 1880 MHz; Duty Cycle: 1:8.3

Medium: HSL_1900_120413 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.387$ mho/m; $\epsilon_r =$

39.308 ; $\rho = 1000$ kg/m³

Ambient Temperature : 23.3 °C ; Liquid Temperature : 21.4 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(7.46, 7.46, 7.46); Calibrated: 2011-9-2
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

Ch661/Area Scan (61x101x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.285 mW/g

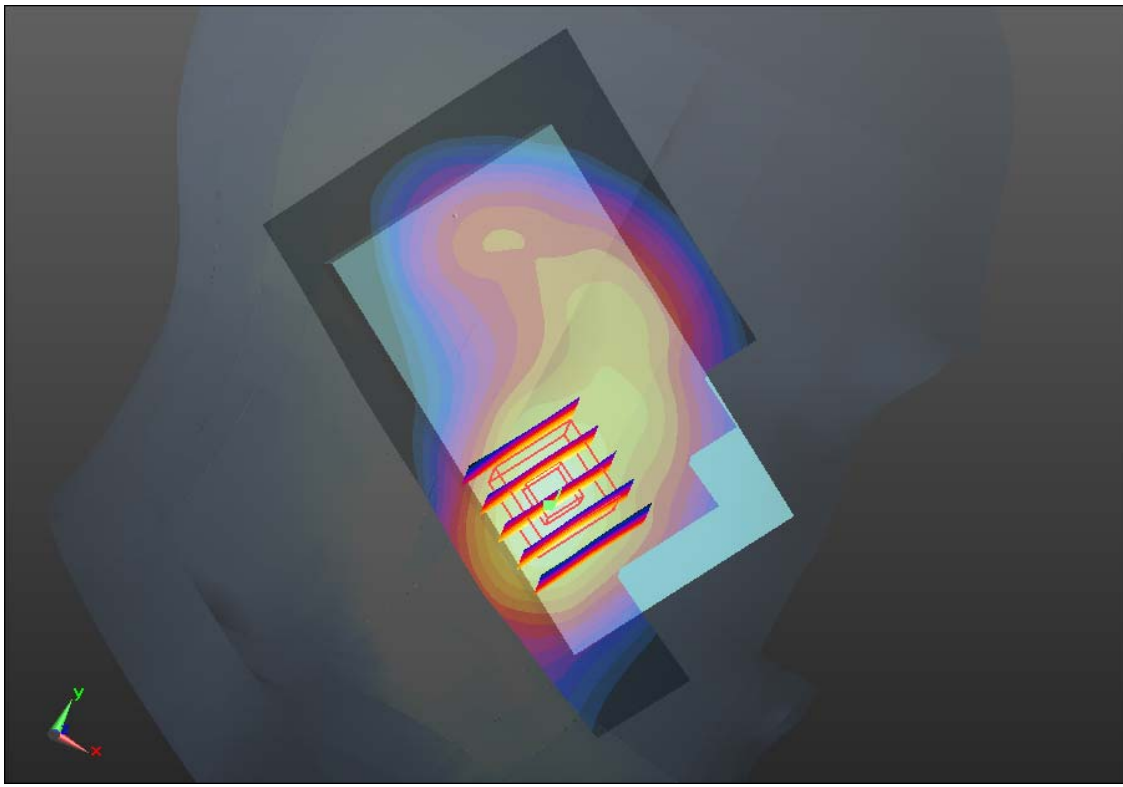
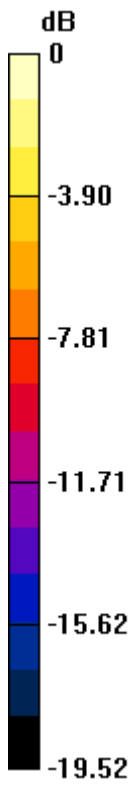
Ch661/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 11.562 V/m; Power Drift = 0.16 dB

Peak SAR (extrapolated) = 2.080 W/kg

SAR(1 g) = 1.19 mW/g; SAR(10 g) = 0.622 mW/g

Maximum value of SAR (measured) = 1.335 mW/g



0 dB = 1.330mW/g

#15 802.11b_Right Cheek_1M_Ch11

DUT: 241001

Communication System: WIFI; Frequency: 2462 MHz; Duty Cycle: 1:1

Medium: HSL_2450_120425 Medium parameters used: $f = 2462$ MHz; $\sigma = 1.833$ mho/m; $\epsilon_r =$

39.712 ; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C ; Liquid Temperature : 21.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(6.67, 6.67, 6.67); Calibrated: 2011-9-2
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

Ch11/Area Scan (61x101x1): Measurement grid: dx=15mm, dy=15mm

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

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

Reference Value = 8.851 V/m; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 0.473 W/kg

SAR(1 g) = 0.201 mW/g; SAR(10 g) = 0.098 mW/g

Maximum value of SAR (measured) = 0.234 mW/g

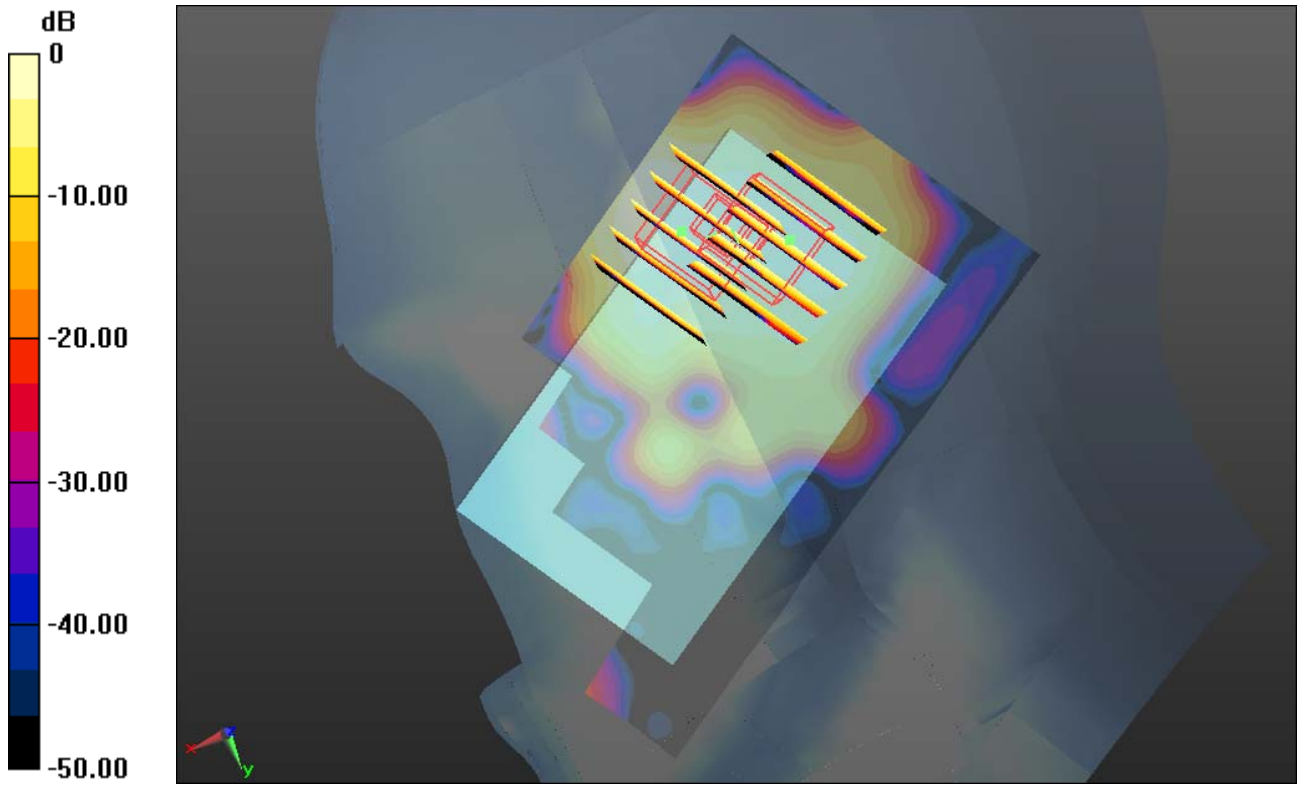
Ch11/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 8.851 V/m; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 0.440 W/kg

SAR(1 g) = 0.180 mW/g; SAR(10 g) = 0.085 mW/g

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



0 dB = 0.240mW/g

#15 802.11b_Right Cheek_1M_Ch11_2D

DUT: 241001

Communication System: WIFI; Frequency: 2462 MHz; Duty Cycle: 1:1

Medium: HSL_2450_120425 Medium parameters used: $f = 2462$ MHz; $\sigma = 1.833$ mho/m; $\epsilon_r =$

39.712 ; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C ; Liquid Temperature : 21.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(6.67, 6.67, 6.67); Calibrated: 2011-9-2
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

Ch11/Area Scan (61x101x1): Measurement grid: dx=15mm, dy=15mm

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

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

Reference Value = 8.851 V/m; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 0.473 W/kg

SAR(1 g) = 0.201 mW/g; SAR(10 g) = 0.098 mW/g

Maximum value of SAR (measured) = 0.234 mW/g

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

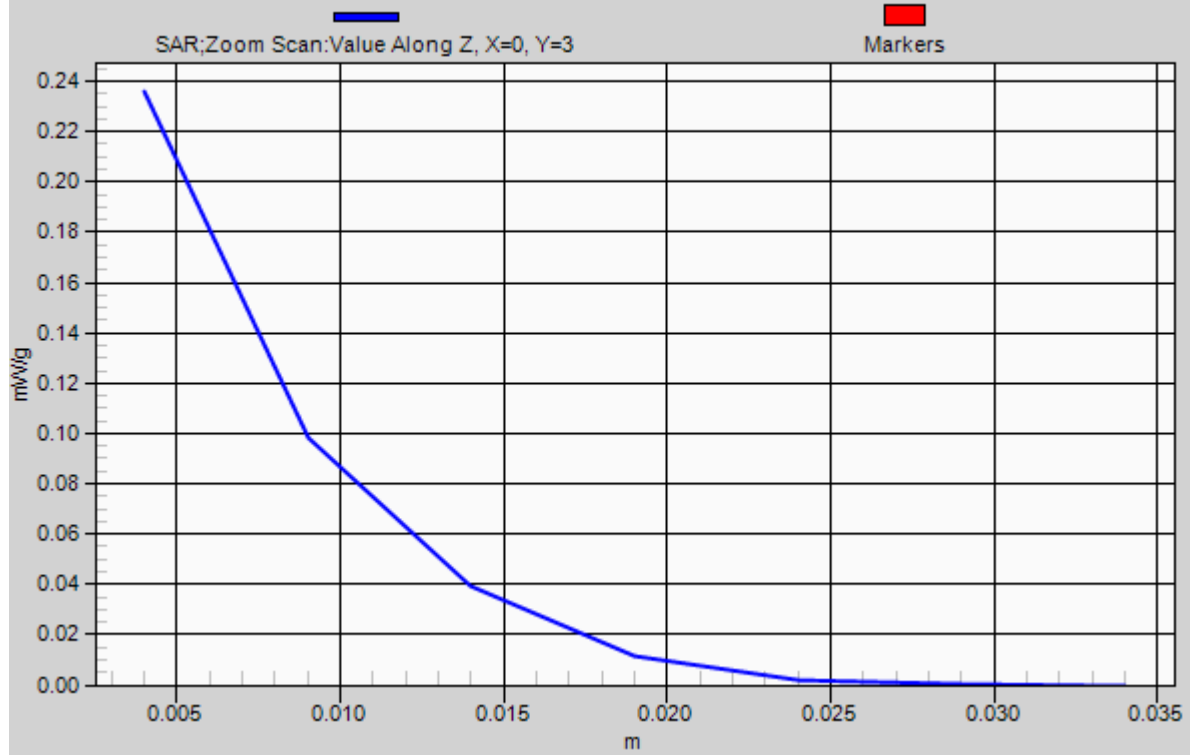
Reference Value = 8.851 V/m; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 0.440 W/kg

SAR(1 g) = 0.180 mW/g; SAR(10 g) = 0.085 mW/g

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

1g/10g Averaged SAR



#16 802.11b_Right Tited_1M_Ch11

DUT: 241001

Communication System: WIFI; Frequency: 2462 MHz; Duty Cycle: 1:1

Medium: HSL_2450_120425 Medium parameters used: $f = 2462$ MHz; $\sigma = 1.833$ mho/m; $\epsilon_r =$

39.712 ; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C ; Liquid Temperature : 21.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(6.67, 6.67, 6.67); Calibrated: 2011-9-2
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

Ch11/Area Scan (61x101x1): Measurement grid: dx=15mm, dy=15mm

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

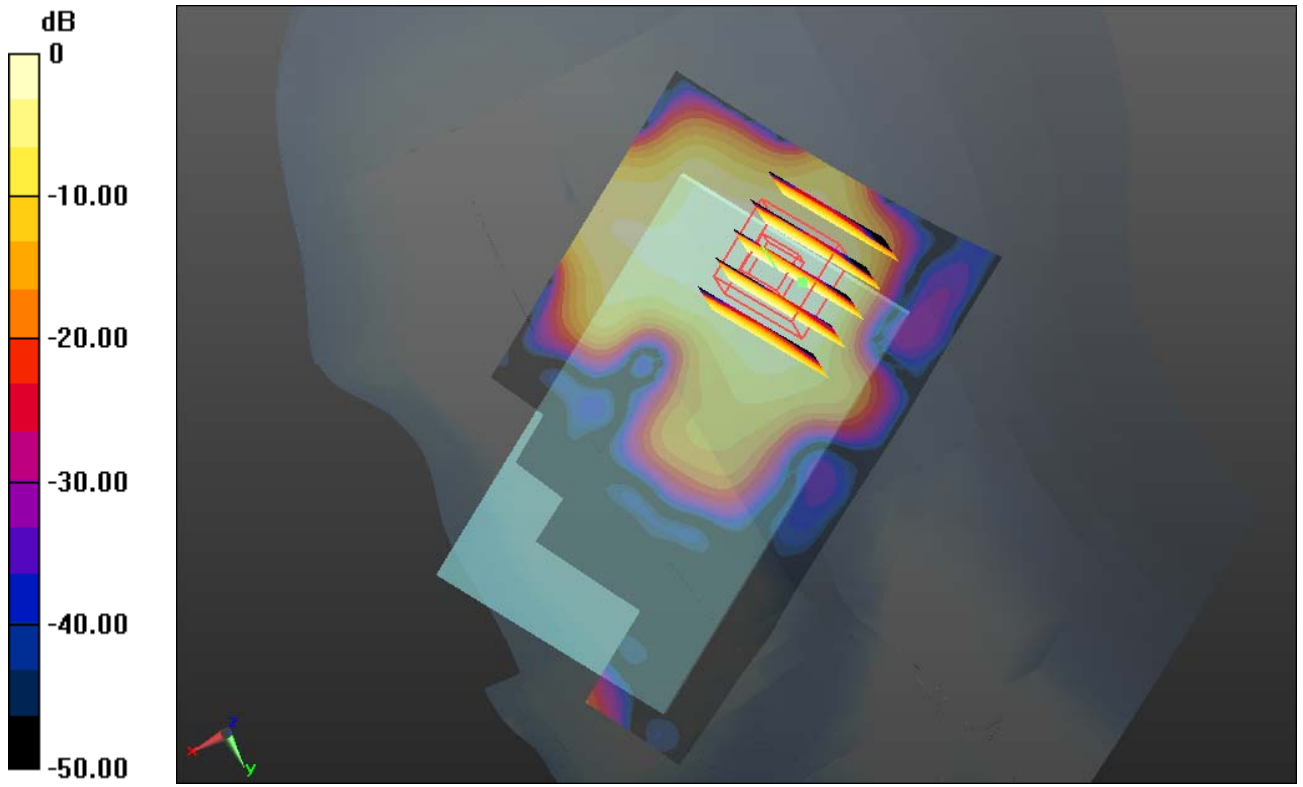
Ch11/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 10.745 V/m; Power Drift = 0.12 dB

Peak SAR (extrapolated) = 0.359 W/kg

SAR(1 g) = 0.189 mW/g; SAR(10 g) = 0.092 mW/g

Maximum value of SAR (measured) = 0.215 mW/g



0 dB = 0.210mW/g

#17 802.11b_Left Cheek_1M_Ch11

DUT: 241001

Communication System: WIFI; Frequency: 2462 MHz; Duty Cycle: 1:1

Medium: HSL_2450_120425 Medium parameters used: $f = 2462$ MHz; $\sigma = 1.833$ mho/m; $\epsilon_r =$

39.712 ; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C; Liquid Temperature : 21.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(6.67, 6.67, 6.67); Calibrated: 2011-9-2
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

Ch11/Area Scan (61x101x1): Measurement grid: dx=15mm, dy=15mm

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

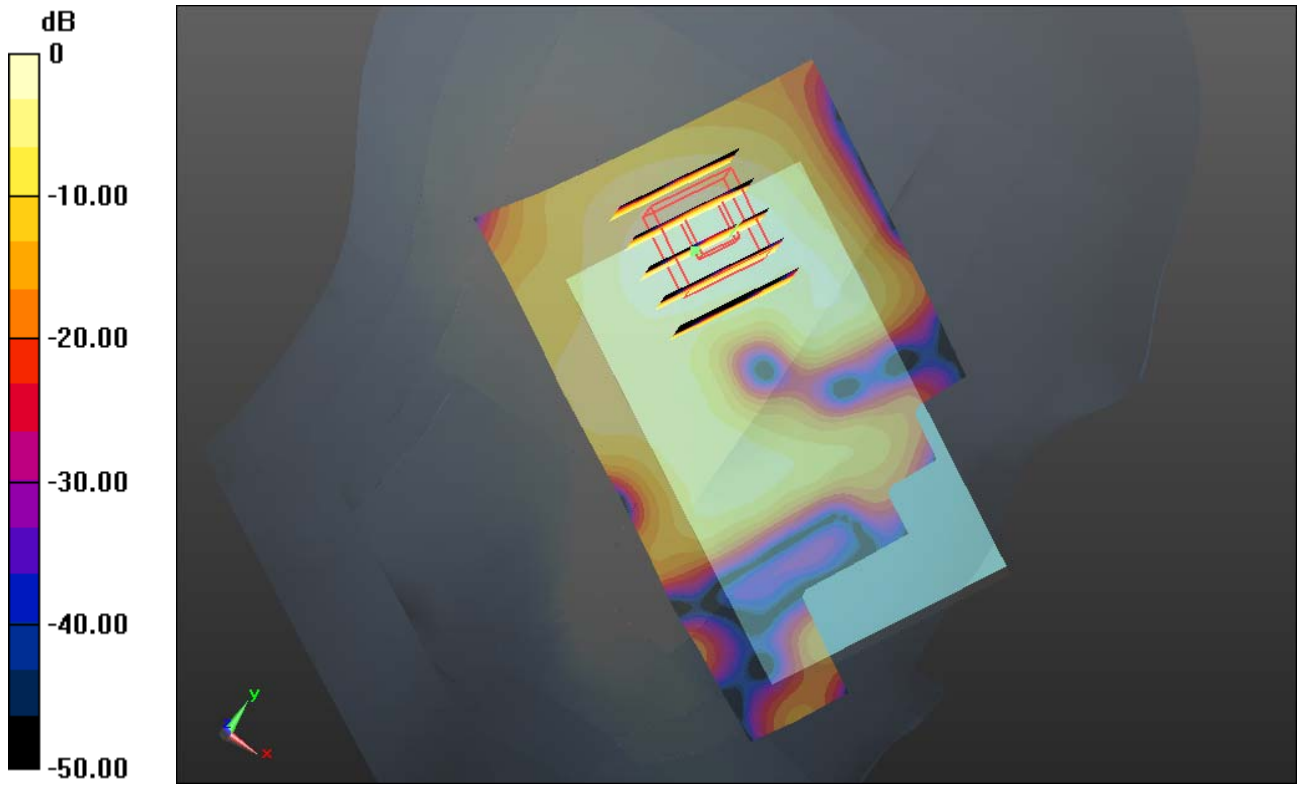
Ch11/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 10.060 V/m; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 0.270 W/kg

SAR(1 g) = 0.159 mW/g; SAR(10 g) = 0.079 mW/g

Maximum value of SAR (measured) = 0.175 mW/g



0 dB = 0.170mW/g

#18 802.11b_Left Tited_1M_Ch11

DUT: 241001

Communication System: WIFI; Frequency: 2462 MHz; Duty Cycle: 1:1

Medium: HSL_2450_120425 Medium parameters used: $f = 2462$ MHz; $\sigma = 1.833$ mho/m; $\epsilon_r =$

39.712 ; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C ; Liquid Temperature : 21.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(6.67, 6.67, 6.67); Calibrated: 2011-9-2
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

Ch11/Area Scan (61x101x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.217 mW/g

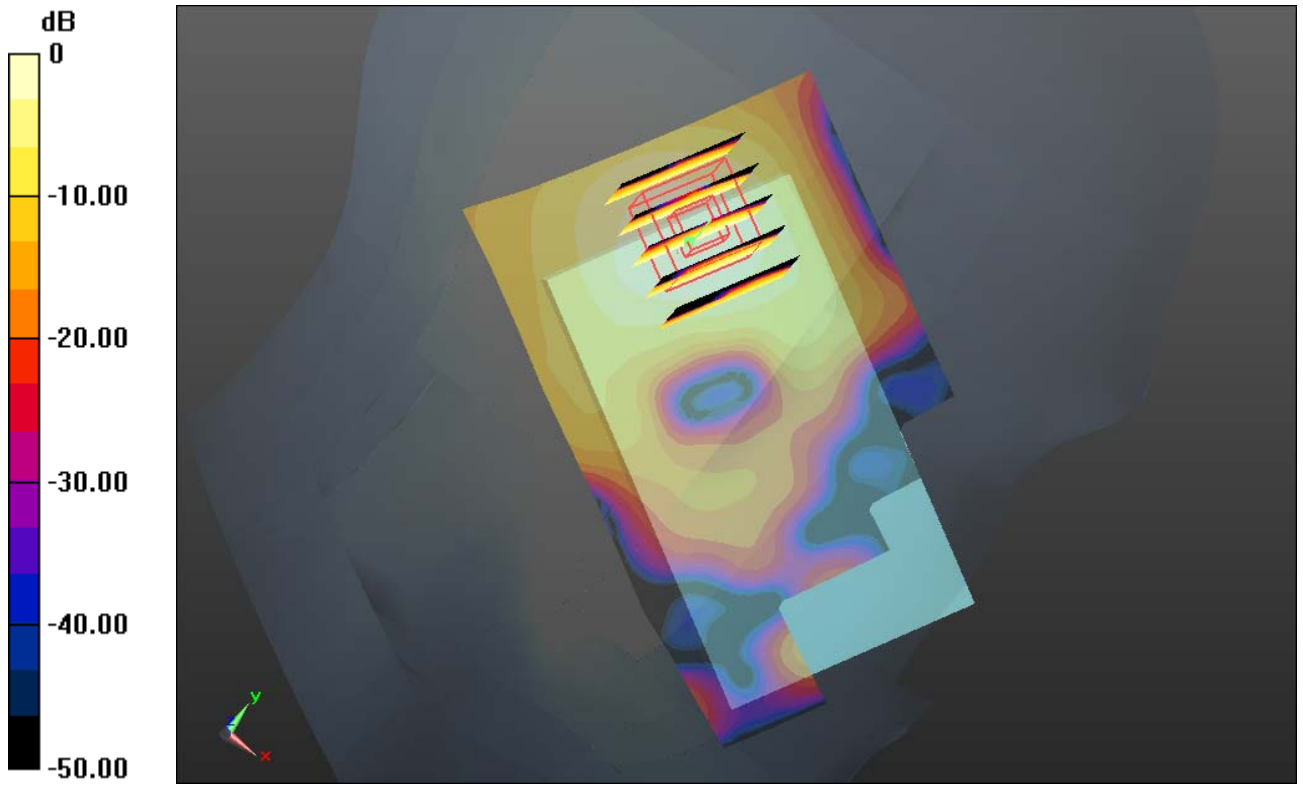
Ch11/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 10.601 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 0.329 W/kg

SAR(1 g) = 0.190 mW/g; SAR(10 g) = 0.093 mW/g

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



0 dB = 0.210mW/g

#11 GSM850_GPRS8_Front_1.5CM_Ch189_Earphone

DUT: 241001

Communication System: General GSM; Frequency: 836.4 MHz; Duty Cycle: 1:8.3

Medium: MSL_835_120413 Medium parameters used: $f = 836.4$ MHz; $\sigma = 0.978$ mho/m; $\epsilon_r =$

54.371; $\rho = 1000$ kg/m³

Ambient Temperature : 23.2 °C; Liquid Temperature : 21.2 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(8.67, 8.67, 8.67); Calibrated: 2011-9-2
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

Ch189/Area Scan (61x101x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.370 mW/g

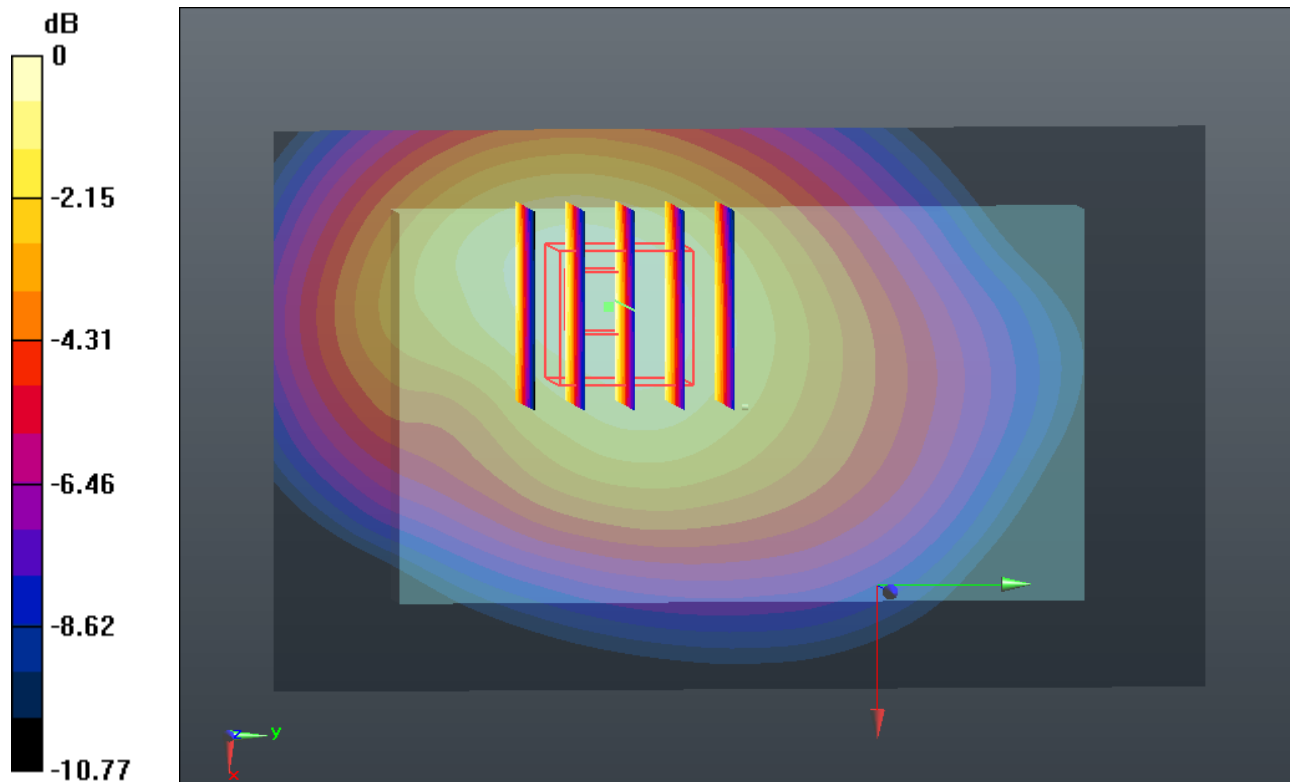
Ch189/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 15.397 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 0.495 W/kg

SAR(1 g) = 0.350 mW/g; SAR(10 g) = 0.242 mW/g

Maximum value of SAR (measured) = 0.371 mW/g



#11 GSM850_GPRS8_Front_1.5CM_Ch189_Earphone_2D

DUT: 241001

Communication System: General GSM; Frequency: 836.4 MHz; Duty Cycle: 1:8.3

Medium: MSL_835_120413 Medium parameters used: $f = 836.4$ MHz; $\sigma = 0.978$ mho/m; $\epsilon_r =$

54.371; $\rho = 1000$ kg/m³

Ambient Temperature : 23.2 °C; Liquid Temperature : 21.2 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(8.67, 8.67, 8.67); Calibrated: 2011-9-2
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

Ch189/Area Scan (61x101x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.370 mW/g

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

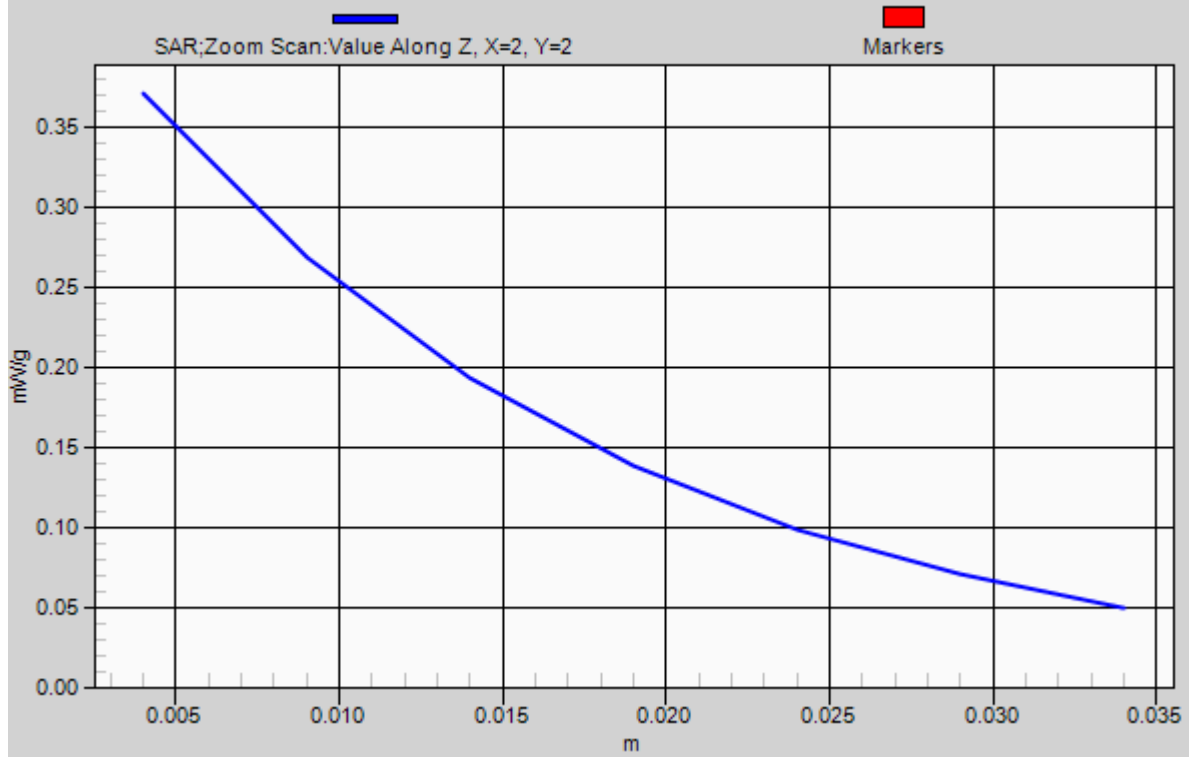
Reference Value = 15.397 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 0.495 W/kg

SAR(1 g) = 0.350 mW/g; SAR(10 g) = 0.242 mW/g

Maximum value of SAR (measured) = 0.371 mW/g

1g/10g Averaged SAR



#12 GSM850_GPRS8_Back_1.5CM_Ch189_Earphone

DUT: 241001

Communication System: General GSM; Frequency: 836.4 MHz; Duty Cycle: 1:8.3

Medium: MSL_835_120413 Medium parameters used: $f = 836.4$ MHz; $\sigma = 0.978$ mho/m; $\epsilon_r =$

54.371; $\rho = 1000$ kg/m³

Ambient Temperature : 23.2 °C ; Liquid Temperature : 21.2 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(8.67, 8.67, 8.67); Calibrated: 2011-9-2
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

Ch189/Area Scan (61x101x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.368 mW/g

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

Reference Value = 17.793 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 0.486 W/kg

SAR(1 g) = 0.349 mW/g; SAR(10 g) = 0.244 mW/g

Maximum value of SAR (measured) = 0.370 mW/g

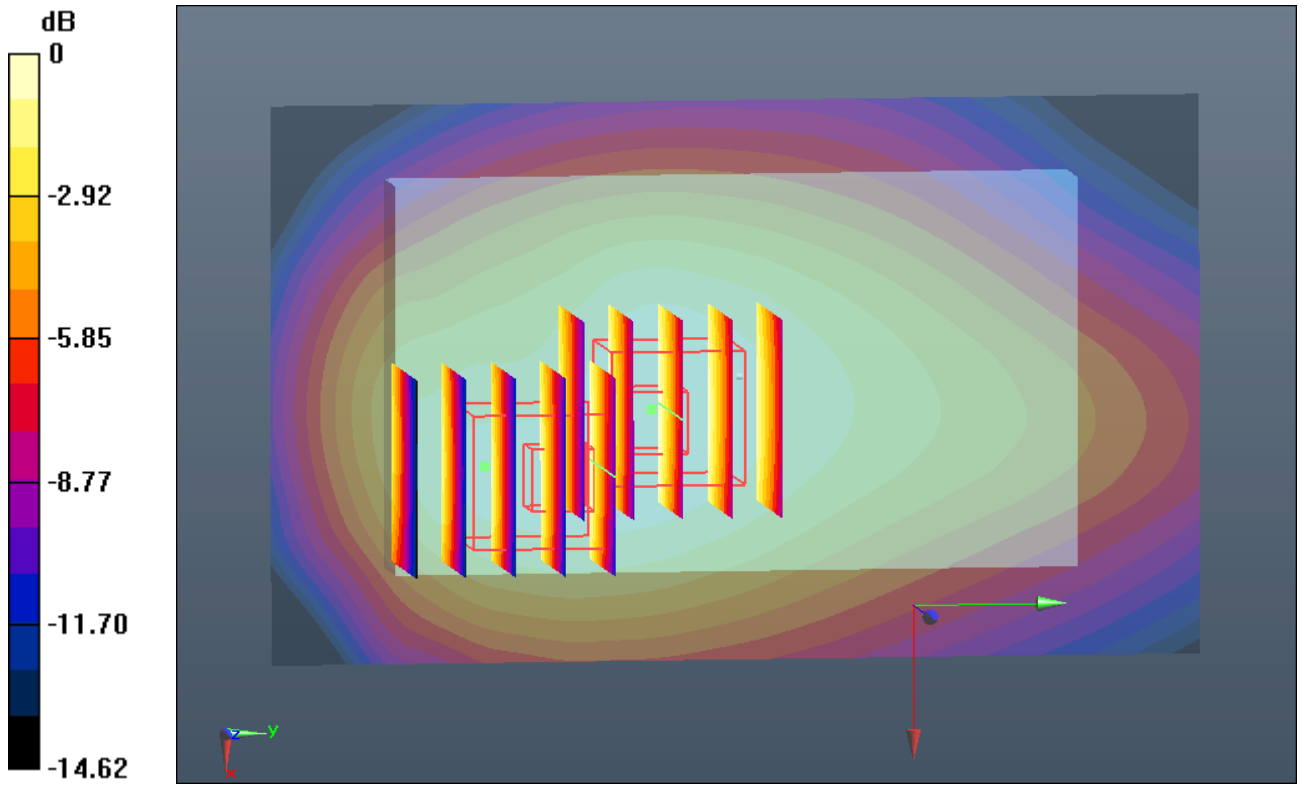
Ch189/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 17.793 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 0.489 W/kg

SAR(1 g) = 0.315 mW/g; SAR(10 g) = 0.200 mW/g

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



0 dB = 0.350mW/g

#13 GSM1900_GPRS10_Front_1.5CM_Ch810_Earphone

DUT: 241001

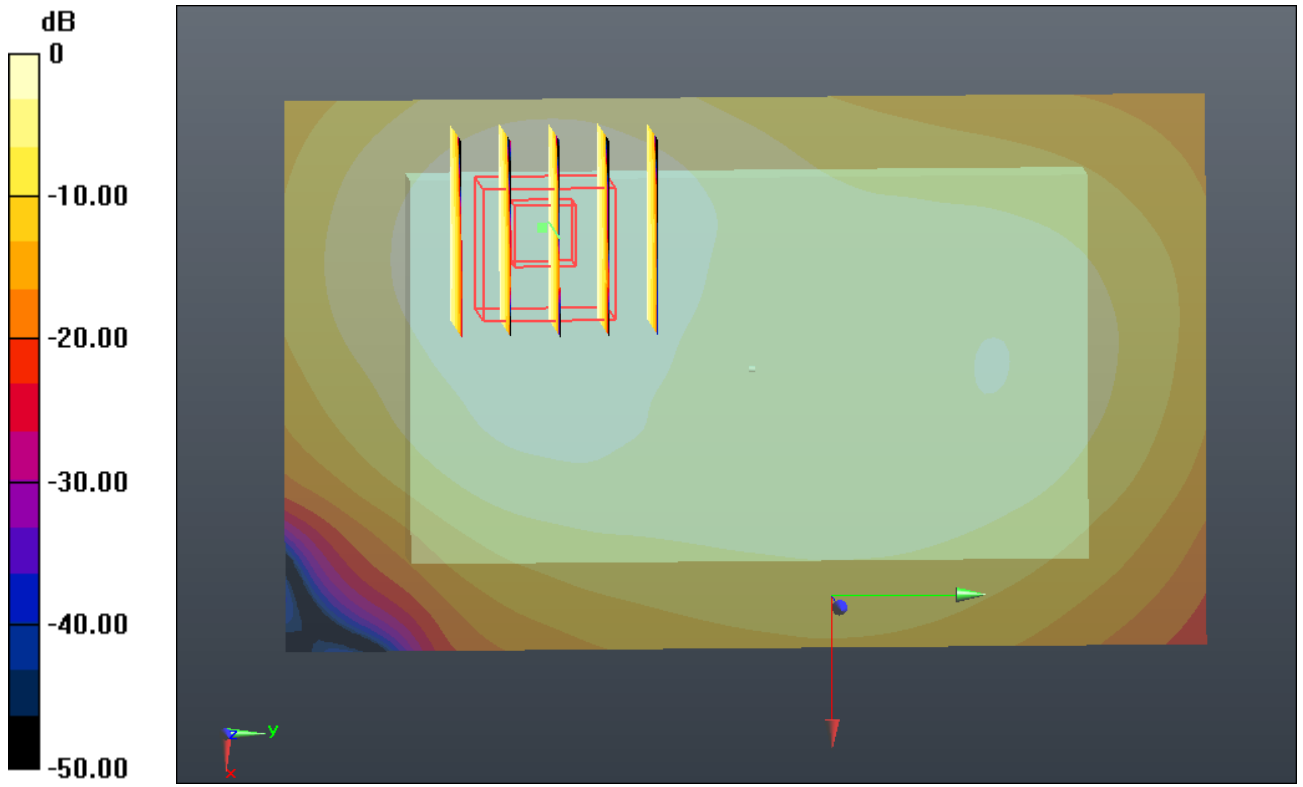
Communication System: GPRS/EDGE 10; Frequency: 1909.8 MHz; Duty Cycle: 1:4
Medium: MSL_1900_120413 Medium parameters used: $f = 1910$ MHz; $\sigma = 1.529$ mho/m; $\epsilon_r = 53.552$; $\rho = 1000$ kg/m³
Ambient Temperature : 23.4 °C ; Liquid Temperature : 21.1 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(6.96, 6.96, 6.96); Calibrated: 2011-9-2
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

Ch810/Area Scan (61x101x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.357 mW/g

Ch810/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 8.853 V/m; Power Drift = 0.08 dB
Peak SAR (extrapolated) = 0.569 W/kg
SAR(1 g) = 0.334 mW/g; SAR(10 g) = 0.198 mW/g
Maximum value of SAR (measured) = 0.365 mW/g



0 dB = 0.370mW/g

#14 GSM1900_GPRS10_Back_1.5CM_Ch810_Earphone

DUT: 241001

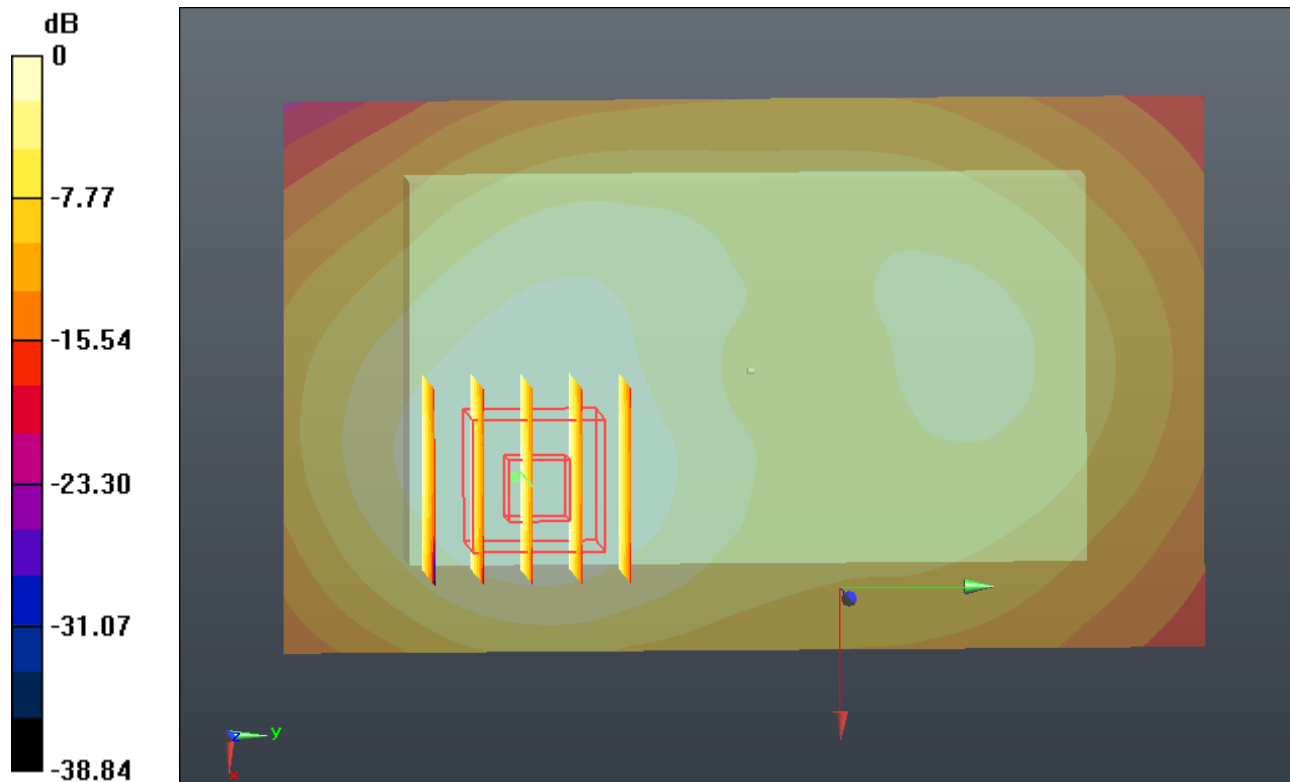
Communication System: GPRS/EDGE 10; Frequency: 1909.8 MHz; Duty Cycle: 1:4
Medium: MSL_1900_120413 Medium parameters used: $f = 1910$ MHz; $\sigma = 1.529$ mho/m; $\epsilon_r = 53.552$; $\rho = 1000$ kg/m³
Ambient Temperature : 23.4 °C; Liquid Temperature : 21.1 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(6.96, 6.96, 6.96); Calibrated: 2011-9-2
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

Ch810/Area Scan (61x101x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.448 mW/g

Ch810/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 8.859 V/m; Power Drift = 0.03 dB
Peak SAR (extrapolated) = 0.686 W/kg
SAR(1 g) = 0.405 mW/g; SAR(10 g) = 0.239 mW/g
Maximum value of SAR (measured) = 0.431 mW/g



#14 GSM1900_GPRS10_Back_1.5CM_Ch810_Earphone_2D

DUT: 241001

Communication System: GPRS/EDGE 10; Frequency: 1909.8 MHz; Duty Cycle: 1:4
Medium: MSL_1900_120413 Medium parameters used: $f = 1910$ MHz; $\sigma = 1.529$ mho/m; $\epsilon_r = 53.552$; $\rho = 1000$ kg/m³
Ambient Temperature : 23.4 °C; Liquid Temperature : 21.1 °C

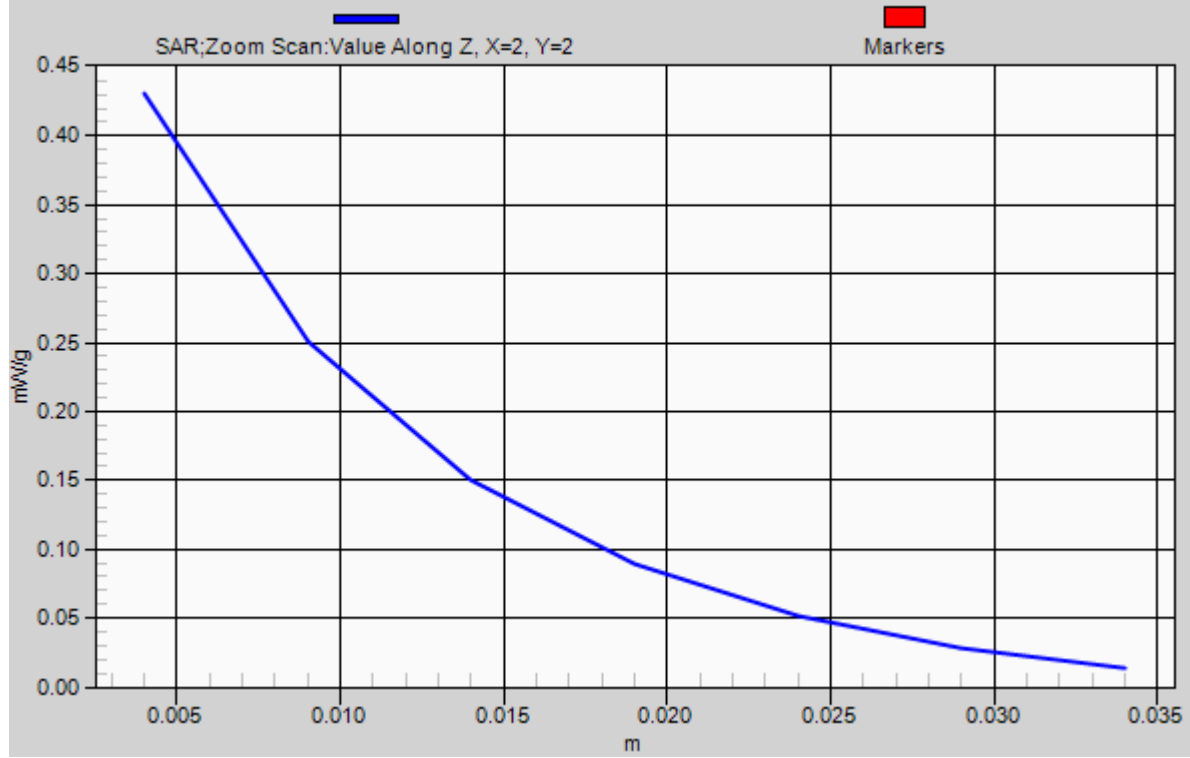
DASY5 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(6.96, 6.96, 6.96); Calibrated: 2011-9-2
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

Ch810/Area Scan (61x101x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.448 mW/g

Ch810/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 8.859 V/m; Power Drift = 0.03 dB
Peak SAR (extrapolated) = 0.686 W/kg
SAR(1 g) = 0.405 mW/g; SAR(10 g) = 0.239 mW/g
Maximum value of SAR (measured) = 0.431 mW/g

1g/10g Averaged SAR



#19 802.11b_Front_1.5CM_1M_Ch11_Earphone

DUT: 241001

Communication System: WIFI; Frequency: 2462 MHz; Duty Cycle: 1:1

Medium: MSL_2450_120425 Medium parameters used: $f = 2462$ MHz; $\sigma = 2$ mho/m; $\epsilon_r = 54.071$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.2 °C; Liquid Temperature : 21.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(6.73, 6.73, 6.73); Calibrated: 2011-9-2
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

Ch11/Area Scan (61x101x1): Measurement grid: dx=15mm, dy=15mm

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

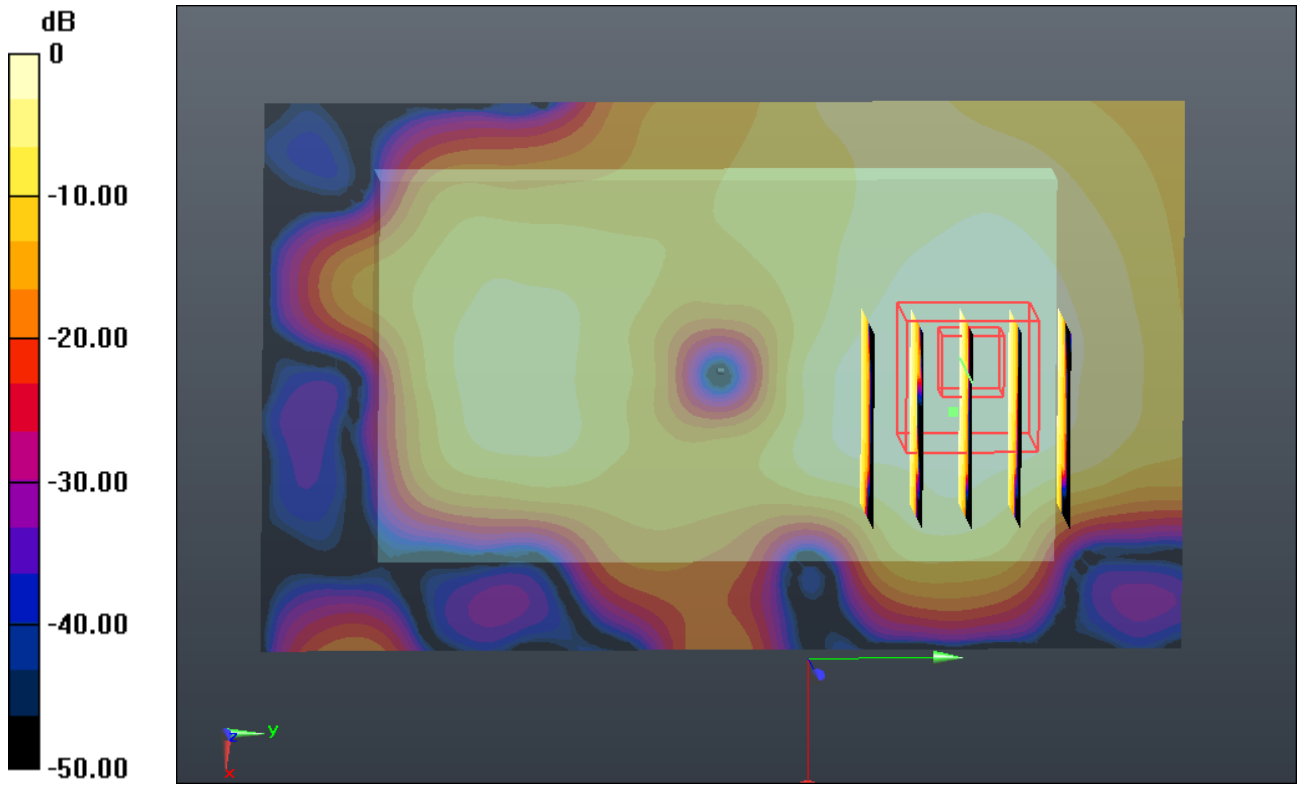
Ch11/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 2.438 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 0.077 W/kg

SAR(1 g) = 0.043 mW/g; SAR(10 g) = 0.022 mW/g

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



0 dB = 0.050mW/g

#20 802.11b_Front_1.5CM_1M_Ch11_Earphone

DUT: 241001

Communication System: WIFI; Frequency: 2462 MHz; Duty Cycle: 1:1

Medium: MSL_2450_120425 Medium parameters used: $f = 2462$ MHz; $\sigma = 2$ mho/m; $\epsilon_r = 54.071$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.2 °C; Liquid Temperature : 21.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(6.73, 6.73, 6.73); Calibrated: 2011-9-2
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

Ch11/Area Scan (61x101x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.050 mW/g

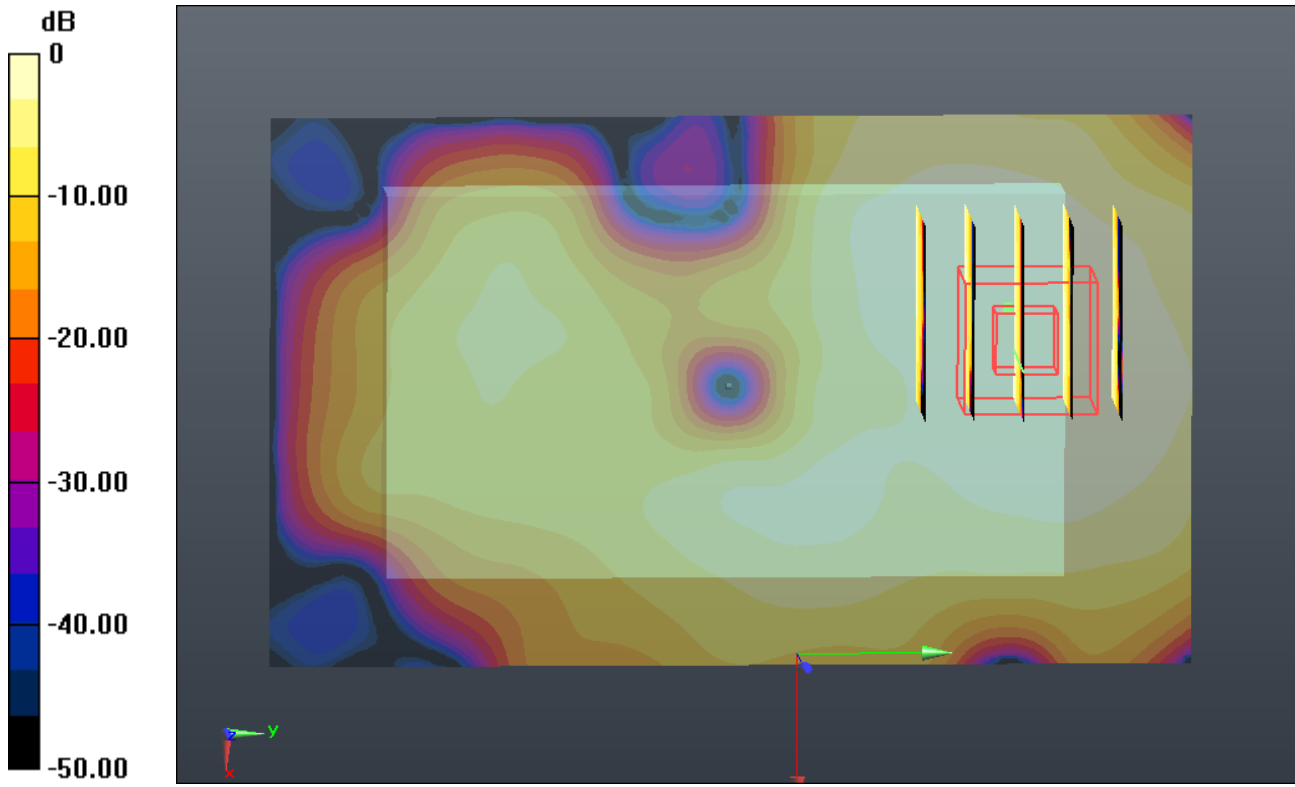
Ch11/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 2.024 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.079 W/kg

SAR(1 g) = 0.047 mW/g; SAR(10 g) = 0.024 mW/g

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



0 dB = 0.050mW/g

#20 802.11b_Front_1.5CM_1M_Ch11_Earphone_2D

DUT: 241001

Communication System: WIFI; Frequency: 2462 MHz; Duty Cycle: 1:1

Medium: MSL_2450_120425 Medium parameters used: $f = 2462$ MHz; $\sigma = 2$ mho/m; $\epsilon_r = 54.071$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.2 °C; Liquid Temperature : 21.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(6.73, 6.73, 6.73); Calibrated: 2011-9-2
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

Ch11/Area Scan (61x101x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.050 mW/g

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

Reference Value = 2.024 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.079 W/kg

SAR(1 g) = 0.047 mW/g; SAR(10 g) = 0.024 mW/g

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

1g/10g Averaged SAR

