



Appendix B. Plots of SAR Measurement

The plots are shown as follows.

#01 802.11b_Right Cheek_Ch11_1M_14

DUT: 142502

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

Medium: HSL_2450_110507 Medium parameters used: $f = 2462$ MHz; $\sigma = 1.84$ mho/m; $\epsilon_r = 40$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C ; Liquid Temperature : 21.5 °C

DASY5 Configuration:

- Probe: ET3DV6 - SN1788; ConvF(4.35, 4.35, 4.35); Calibrated: 2010-9-21
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2010-11-18
- Phantom: SAM3; Type: SAM; Serial: TP-1477
- Measurement SW: DASY5, V5.2 Build 157; SEMCAD X Version 14.0 Build 57

Ch11/Area Scan (61x91x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.081 mW/g

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

Reference Value = 5.98 V/m; Power Drift = -0.057 dB

Peak SAR (extrapolated) = 0.128 W/kg

SAR(1 g) = 0.070 mW/g; SAR(10 g) = 0.038 mW/g

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

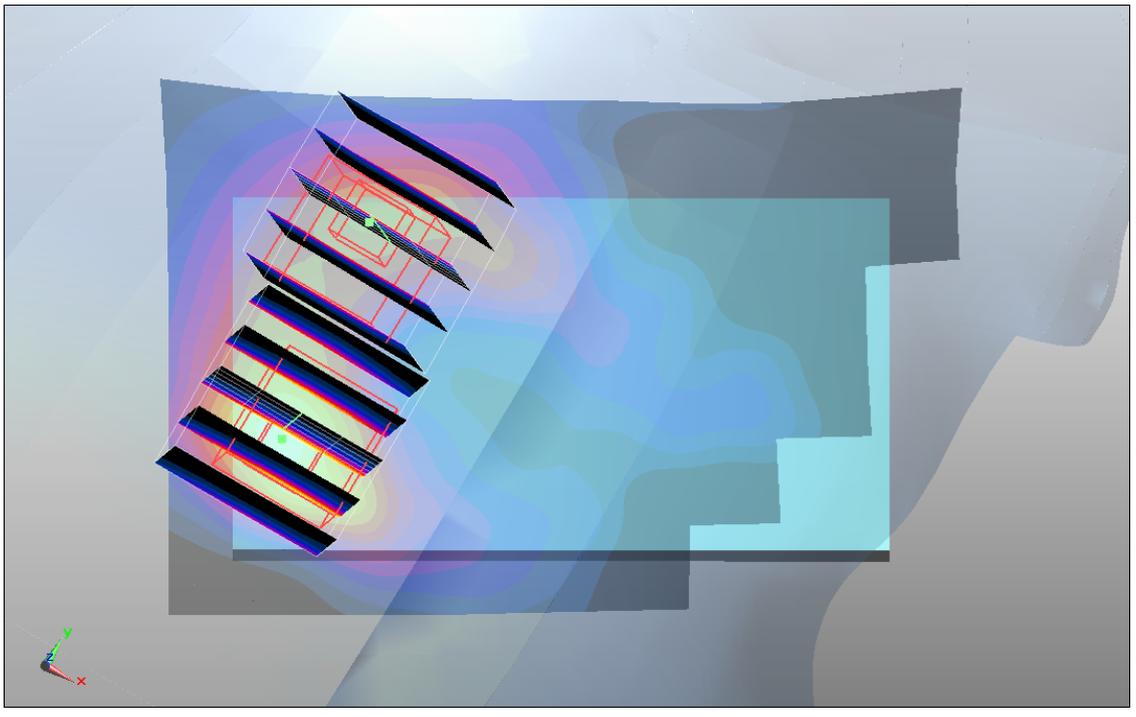
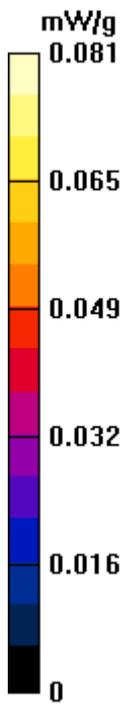
Ch11/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 5.98 V/m; Power Drift = -0.057 dB

Peak SAR (extrapolated) = 0.102 W/kg

SAR(1 g) = 0.051 mW/g; SAR(10 g) = 0.028 mW/g

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



#02 802.11b_Right Tilted_Ch11_1M_14

DUT: 142502

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

Medium: HSL_2450_110507 Medium parameters used: $f = 2462$ MHz; $\sigma = 1.84$ mho/m; $\epsilon_r = 40$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C ; Liquid Temperature : 21.5 °C

DASY5 Configuration:

- Probe: ET3DV6 - SN1788; ConvF(4.35, 4.35, 4.35); Calibrated: 2010-9-21
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2010-11-18
- Phantom: SAM3; Type: SAM; Serial: TP-1477
- Measurement SW: DASY5, V5.2 Build 157; SEMCAD X Version 14.0 Build 57

Ch11/Area Scan (61x91x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.100 mW/g

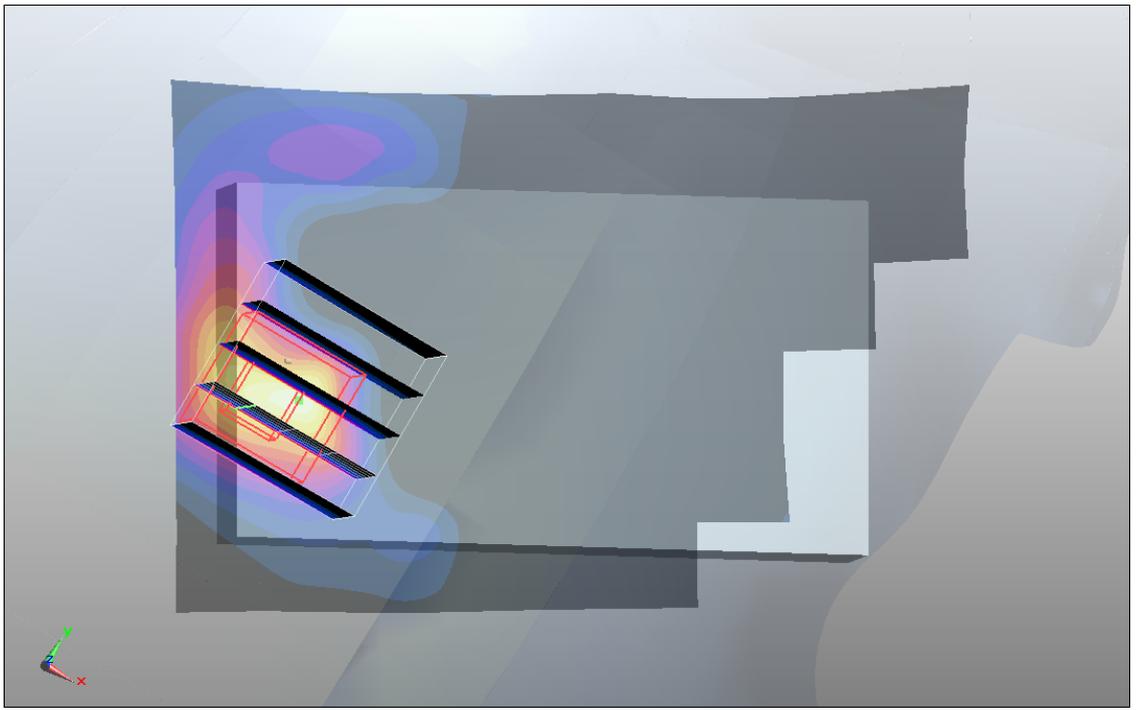
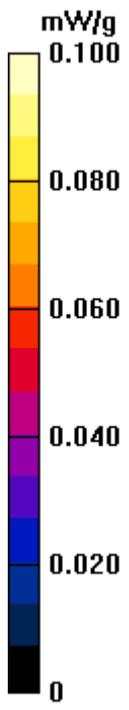
Ch11/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 5.81 V/m; Power Drift = 0.015 dB

Peak SAR (extrapolated) = 0.131 W/kg

SAR(1 g) = 0.067 mW/g; SAR(10 g) = 0.035 mW/g

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



#03 802.11b_Left Cheek_Ch11_1M_14

DUT: 142502

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

Medium: HSL_2450_110507 Medium parameters used: $f = 2462$ MHz; $\sigma = 1.84$ mho/m; $\epsilon_r = 40$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C ; Liquid Temperature : 21.5 °C

DASY5 Configuration:

- Probe: ET3DV6 - SN1788; ConvF(4.35, 4.35, 4.35); Calibrated: 2010-9-21
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2010-11-18
- Phantom: SAM3; Type: SAM; Serial: TP-1477
- Measurement SW: DASY5, V5.2 Build 157; SEMCAD X Version 14.0 Build 57

Ch11/Area Scan (61x91x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.112 mW/g

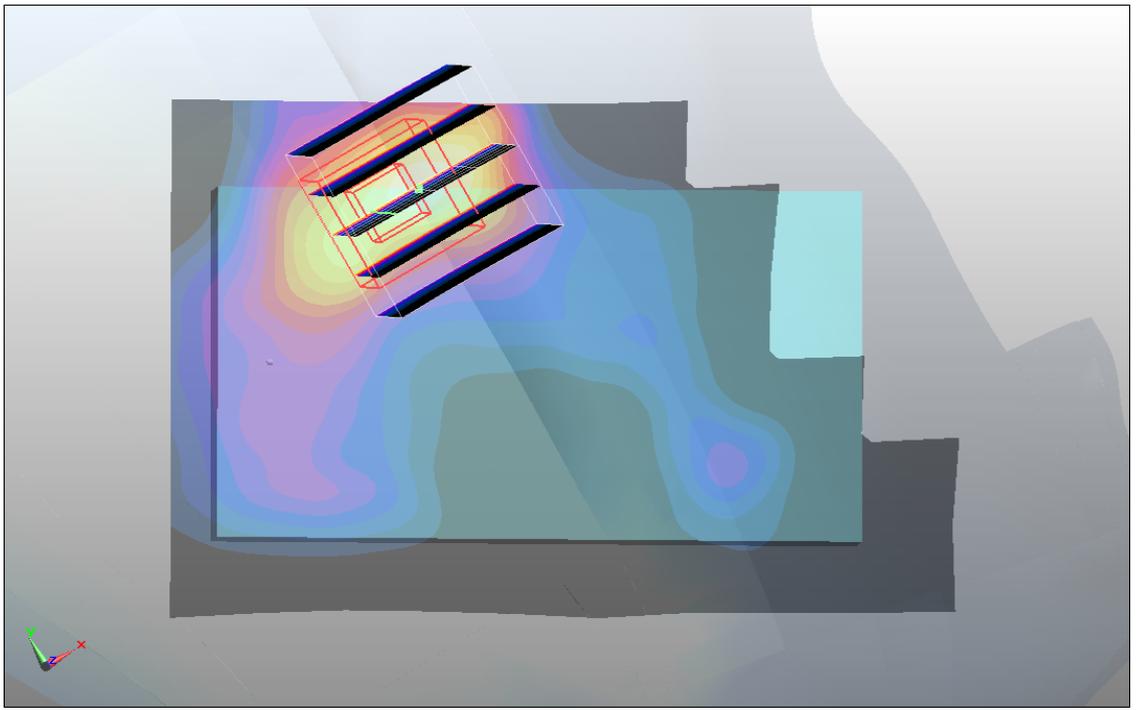
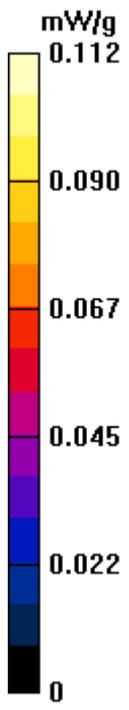
Ch11/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 5.02 V/m; Power Drift = 0.106 dB

Peak SAR (extrapolated) = 0.201 W/kg

SAR(1 g) = 0.097 mW/g; SAR(10 g) = 0.050 mW/g

Maximum value of SAR (measured) = 0.110 mW/g



#03 802.11b_Left Cheek_Ch11_1M_14_2D

DUT: 142502

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

Medium: HSL_2450_110507 Medium parameters used: $f = 2462$ MHz; $\sigma = 1.84$ mho/m; $\epsilon_r = 40$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C ; Liquid Temperature : 21.5 °C

DASY5 Configuration:

- Probe: ET3DV6 - SN1788; ConvF(4.35, 4.35, 4.35); Calibrated: 2010-9-21
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2010-11-18
- Phantom: SAM3; Type: SAM; Serial: TP-1477
- Measurement SW: DASY5, V5.2 Build 157; SEMCAD X Version 14.0 Build 57

Ch11/Area Scan (61x91x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.112 mW/g

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

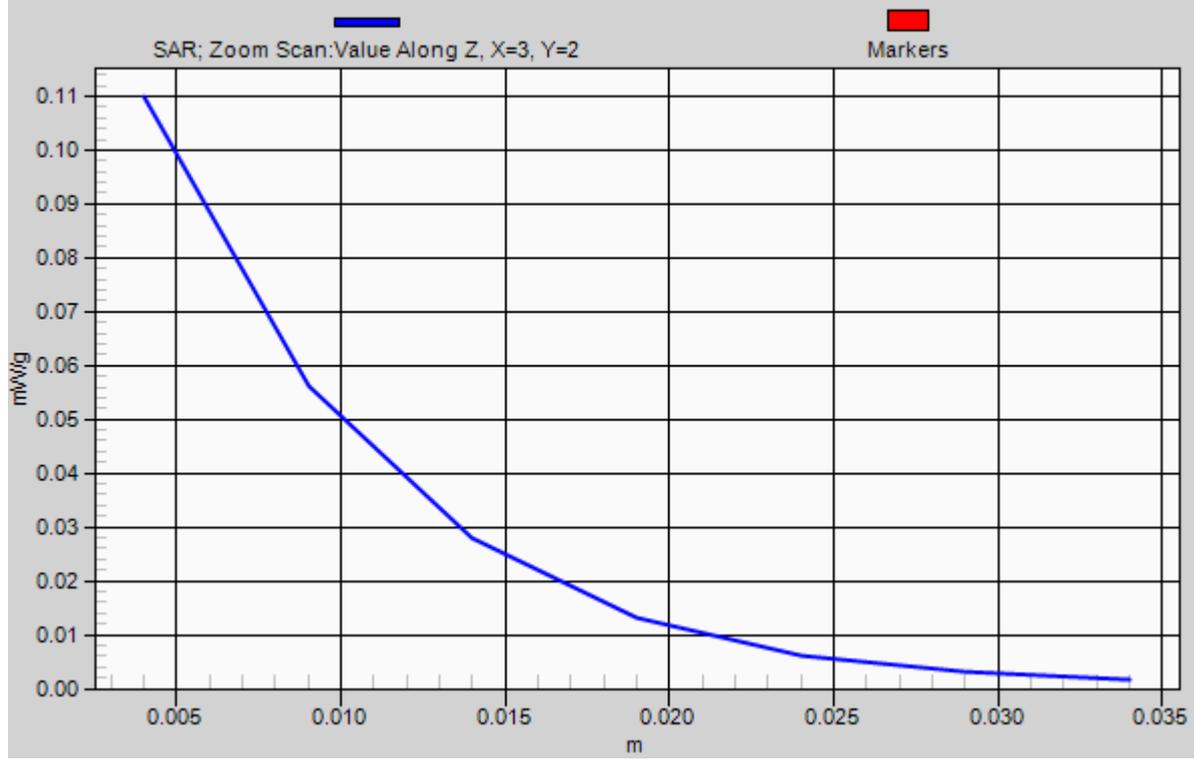
Reference Value = 5.02 V/m; Power Drift = 0.106 dB

Peak SAR (extrapolated) = 0.201 W/kg

SAR(1 g) = 0.097 mW/g; SAR(10 g) = 0.050 mW/g

Maximum value of SAR (measured) = 0.110 mW/g

1g/10g Averaged SAR



#04 802.11b_Left Tilted_Ch11_1M_14

DUT: 142502

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

Medium: HSL_2450_110507 Medium parameters used: $f = 2462$ MHz; $\sigma = 1.84$ mho/m; $\epsilon_r = 40$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C ; Liquid Temperature : 21.5 °C

DASY5 Configuration:

- Probe: ET3DV6 - SN1788; ConvF(4.35, 4.35, 4.35); Calibrated: 2010-9-21
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2010-11-18
- Phantom: SAM3; Type: SAM; Serial: TP-1477
- Measurement SW: DASY5, V5.2 Build 157; SEMCAD X Version 14.0 Build 57

Ch11/Area Scan (61x91x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.067 mW/g

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

Reference Value = 5.19 V/m; Power Drift = 0.053 dB

Peak SAR (extrapolated) = 0.124 W/kg

SAR(1 g) = 0.062 mW/g; SAR(10 g) = 0.029 mW/g

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

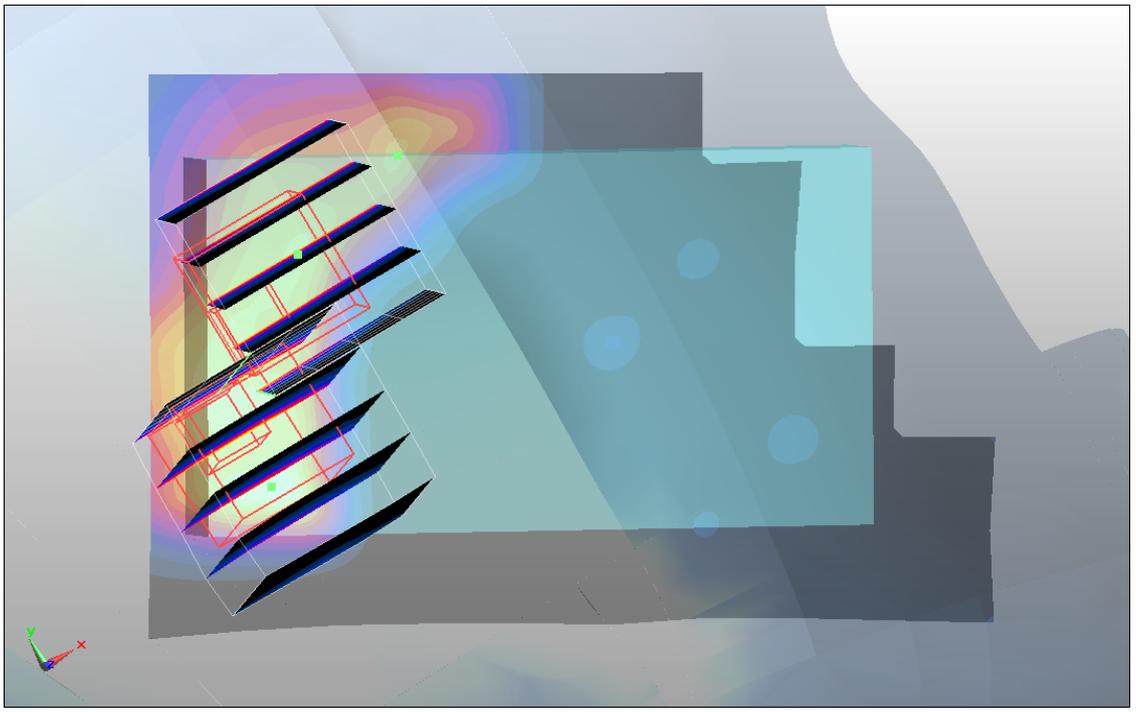
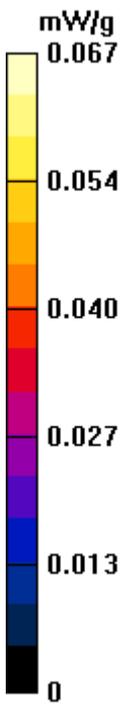
Ch11/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 5.19 V/m; Power Drift = 0.053 dB

Peak SAR (extrapolated) = 0.104 W/kg

SAR(1 g) = 0.050 mW/g; SAR(10 g) = 0.028 mW/g

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



#05 802.11b_Bottom_1.5cm_Ch11_1M_14

DUT: 142502

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

Medium: MSL_2450_110507 Medium parameters used: $f = 2462$ MHz; $\sigma = 2.03$ mho/m; $\epsilon_r = 53.4$;

$\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: ET3DV6 - SN1788; ConvF(4.04, 4.04, 4.04); Calibrated: 2010-9-21
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2010-11-18
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY5, V5.2 Build 157; SEMCAD X Version 14.0 Build 57

Ch11/Area Scan (51x91x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.030 mW/g

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

Reference Value = 2.61 V/m; Power Drift = 0.090 dB

Peak SAR (extrapolated) = 0.051 W/kg

SAR(1 g) = 0.025 mW/g; SAR(10 g) = 0.013 mW/g

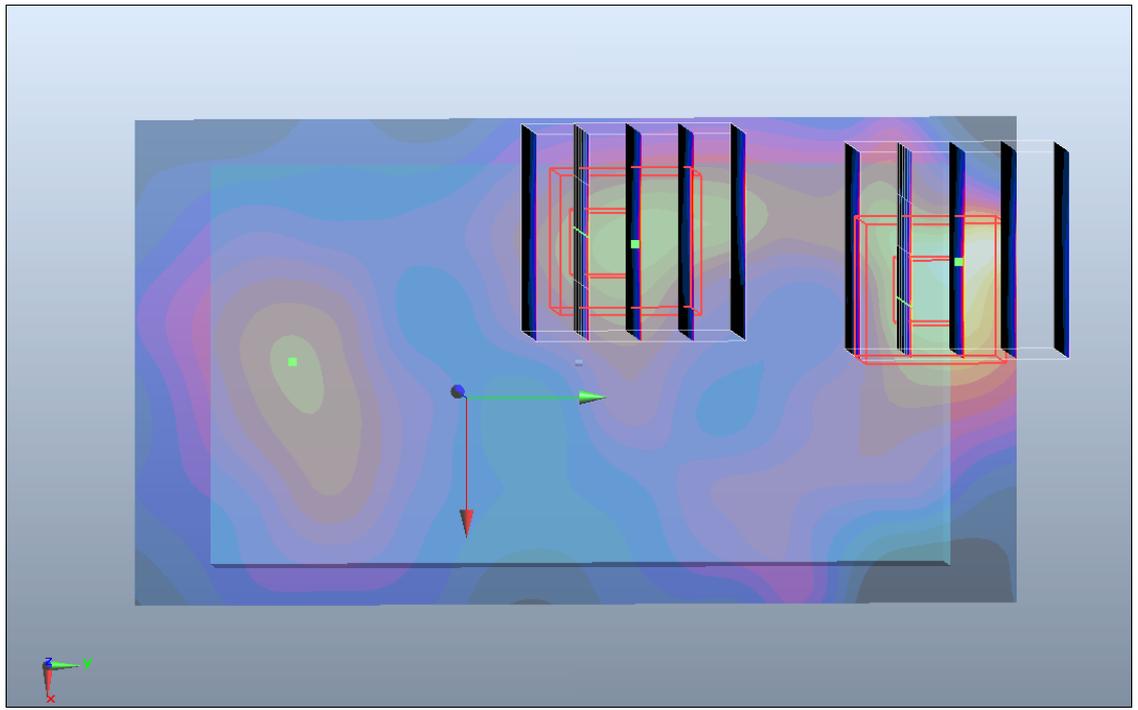
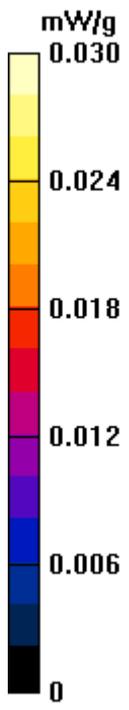
Maximum value of SAR (measured) = 0.026 mW/g

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

Reference Value = 2.61 V/m; Power Drift = 0.090 dB

Peak SAR (extrapolated) = 0.050 W/kg

SAR(1 g) = 0.022 mW/g; SAR(10 g) = 0.011 mW/g



#05 802.11b_Bottom_1.5cm_Ch11_1M_14_2D

DUT: 142502

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

Medium: MSL_2450_110507 Medium parameters used: $f = 2462$ MHz; $\sigma = 2.03$ mho/m; $\epsilon_r = 53.4$;

$\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: ET3DV6 - SN1788; ConvF(4.04, 4.04, 4.04); Calibrated: 2010-9-21
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2010-11-18
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY5, V5.2 Build 157; SEMCAD X Version 14.0 Build 57

Ch11/Area Scan (51x91x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.030 mW/g

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

Reference Value = 2.61 V/m; Power Drift = 0.090 dB

Peak SAR (extrapolated) = 0.051 W/kg

SAR(1 g) = 0.025 mW/g; SAR(10 g) = 0.013 mW/g

Maximum value of SAR (measured) = 0.026 mW/g

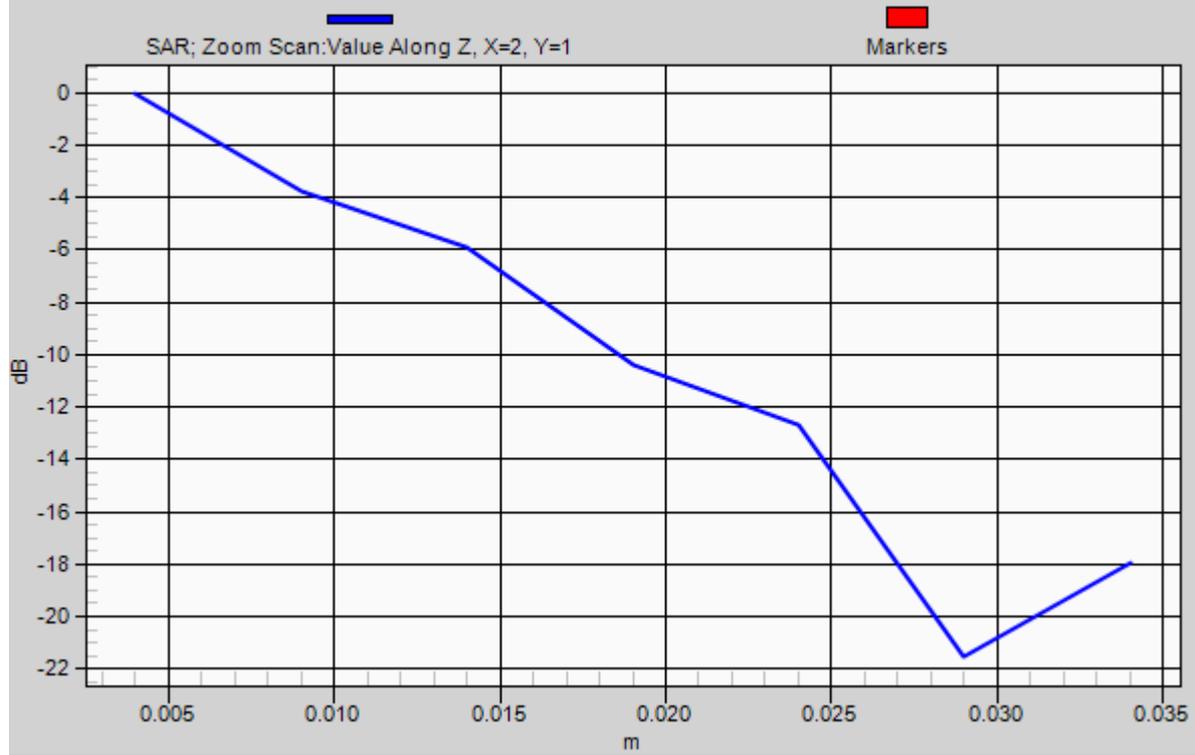
Ch11/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 2.61 V/m; Power Drift = 0.090 dB

Peak SAR (extrapolated) = 0.050 W/kg

SAR(1 g) = 0.022 mW/g; SAR(10 g) = 0.011 mW/g

1g/10g Averaged SAR



#06 802.11b_Face_1.5cm_Ch11_1M_14

DUT: 142502

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

Medium: MSL_2450_110507 Medium parameters used: $f = 2462$ MHz; $\sigma = 2.03$ mho/m; $\epsilon_r = 53.4$;

$\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: ET3DV6 - SN1788; ConvF(4.04, 4.04, 4.04); Calibrated: 2010-9-21
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2010-11-18
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY5, V5.2 Build 157; SEMCAD X Version 14.0 Build 57

Ch11/Area Scan (51x91x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.032 mW/g

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

Reference Value = 0.590 V/m; Power Drift = -0.050 dB

Peak SAR (extrapolated) = 0.033 W/kg

SAR(1 g) = 0.012 mW/g; SAR(10 g) = 0.00254 mW/g

Maximum value of SAR (measured) = 0.012 mW/g

