

**#27 802.11b\_Right Cheek\_Ch1\_1M**

**DUT: 092901**

Communication System: WIFI; Frequency: 2412 MHz; Duty Cycle: 1:1.03

Medium: HSL\_2450\_110119 Medium parameters used:  $f = 2412$  MHz;  $\sigma = 1.81$  mho/m;  $\epsilon_r = 37.8$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.4 °C; Liquid Temperature : 21.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(6.77, 6.77, 6.77); Calibrated: 2010-11-23
- 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 162; SEMCAD X Version 14.0 Build 57

**Ch1/Area Scan (51x91x1):** Measurement grid: dx=15mm, dy=15mm

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

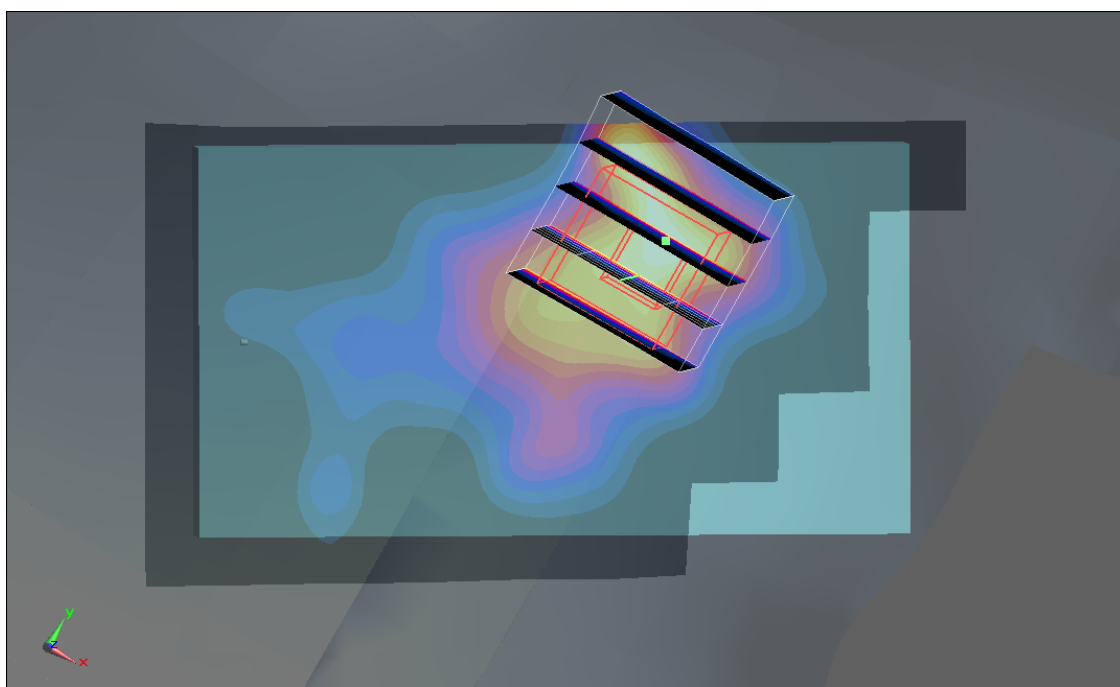
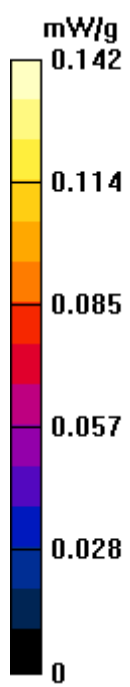
**Ch1/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 2.87 V/m; Power Drift = -0.098 dB

Peak SAR (extrapolated) = 0.644 W/kg

**SAR(1 g) = 0.144 mW/g; SAR(10 g) = 0.053 mW/g**

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



**#27 802.11b\_Right Cheek\_Ch1\_1M\_2D**

**DUT: 092901**

Communication System: WIFI; Frequency: 2412 MHz; Duty Cycle: 1:1.03

Medium: HSL\_2450\_110119 Medium parameters used:  $f = 2412$  MHz;  $\sigma = 1.81$  mho/m;  $\epsilon_r = 37.8$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.4 °C ; Liquid Temperature : 21.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(6.77, 6.77, 6.77); Calibrated: 2010-11-23
- 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 162; SEMCAD X Version 14.0 Build 57

**Ch1/Area Scan (51x91x1):** Measurement grid: dx=15mm, dy=15mm

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

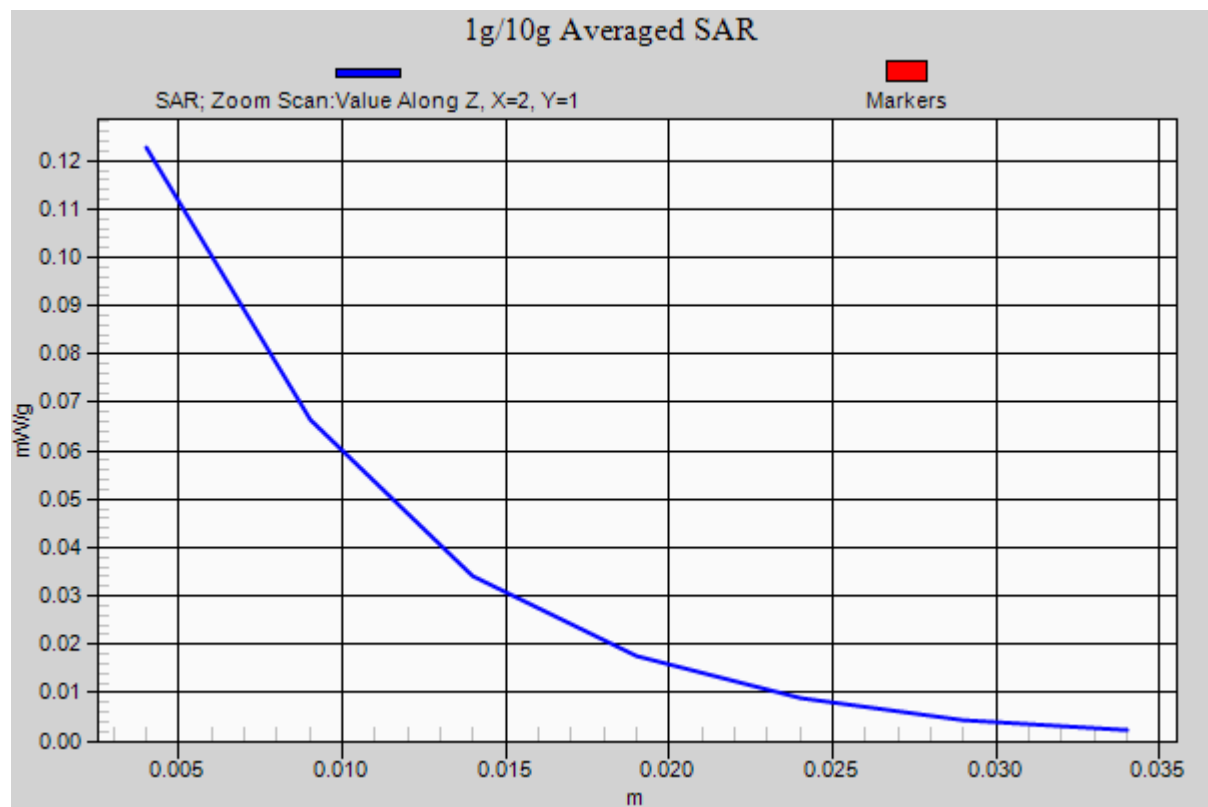
**Ch1/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 2.87 V/m; Power Drift = -0.098 dB

Peak SAR (extrapolated) = 0.644 W/kg

**SAR(1 g) = 0.144 mW/g; SAR(10 g) = 0.053 mW/g**

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



**#28 802.11b\_Right Tilted\_Ch1\_1M**

**DUT: 092901**

Communication System: WIFI; Frequency: 2412 MHz; Duty Cycle: 1:1.03

Medium: HSL\_2450\_110119 Medium parameters used:  $f = 2412$  MHz;  $\sigma = 1.81$  mho/m;  $\epsilon_r = 37.8$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.4 °C; Liquid Temperature : 21.6 °C

**DASY5 Configuration:**

- Probe: EX3DV4 - SN3697; ConvF(6.77, 6.77, 6.77); Calibrated: 2010-11-23
- 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 162; SEMCAD X Version 14.0 Build 57

**Ch1/Area Scan (51x91x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.092 mW/g

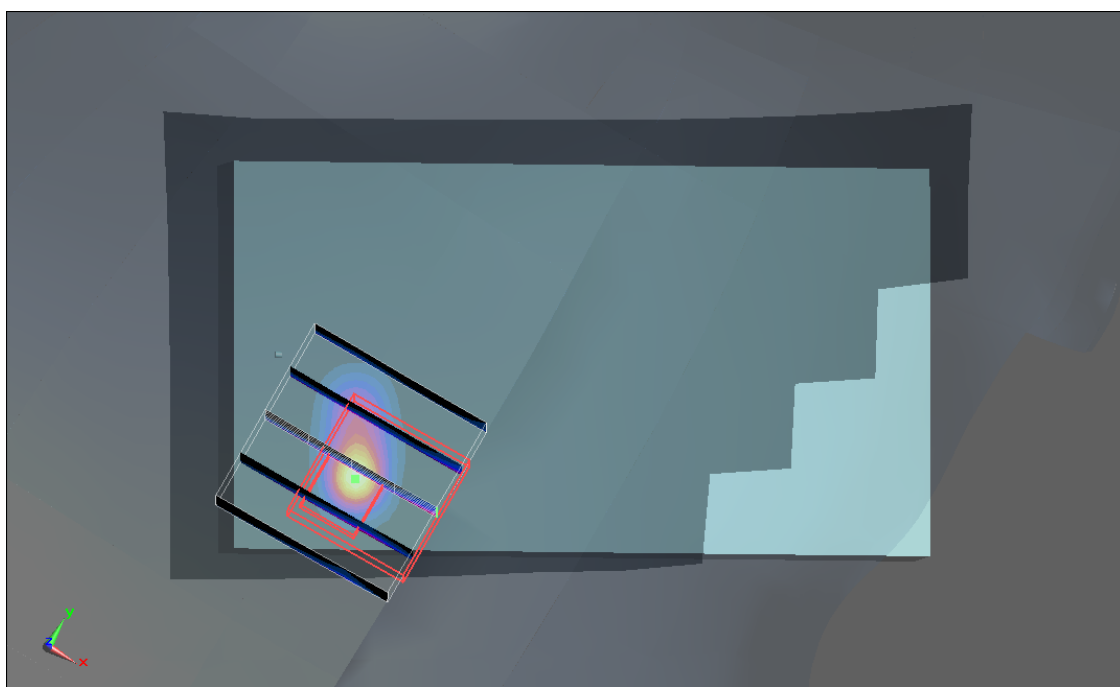
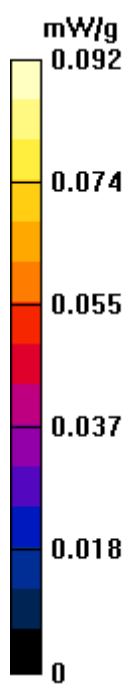
**Ch1/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 4.05 V/m; Power Drift = 0.053 dB

Peak SAR (extrapolated) = 0.085 W/kg

**SAR(1 g) = 0.043 mW/g; SAR(10 g) = 0.023 mW/g**

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



**#29 802.11b\_Left Cheek\_Ch1\_1M**

**DUT: 092901**

Communication System: WIFI; Frequency: 2412 MHz; Duty Cycle: 1:1.03

Medium: HSL\_2450\_110119 Medium parameters used:  $f = 2412$  MHz;  $\sigma = 1.81$  mho/m;  $\epsilon_r = 37.8$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.4 °C; Liquid Temperature : 21.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(6.77, 6.77, 6.77); Calibrated: 2010-11-23
- 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 162; SEMCAD X Version 14.0 Build 57

**Ch1/Area Scan (51x91x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.147 mW/g

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

Reference Value = 3.04 V/m; Power Drift = 0.081 dB

Peak SAR (extrapolated) = 0.145 W/kg

**SAR(1 g) = 0.030 mW/g; SAR(10 g) = 0.00444 mW/g**

Maximum value of SAR (measured) = 0.137 mW/g

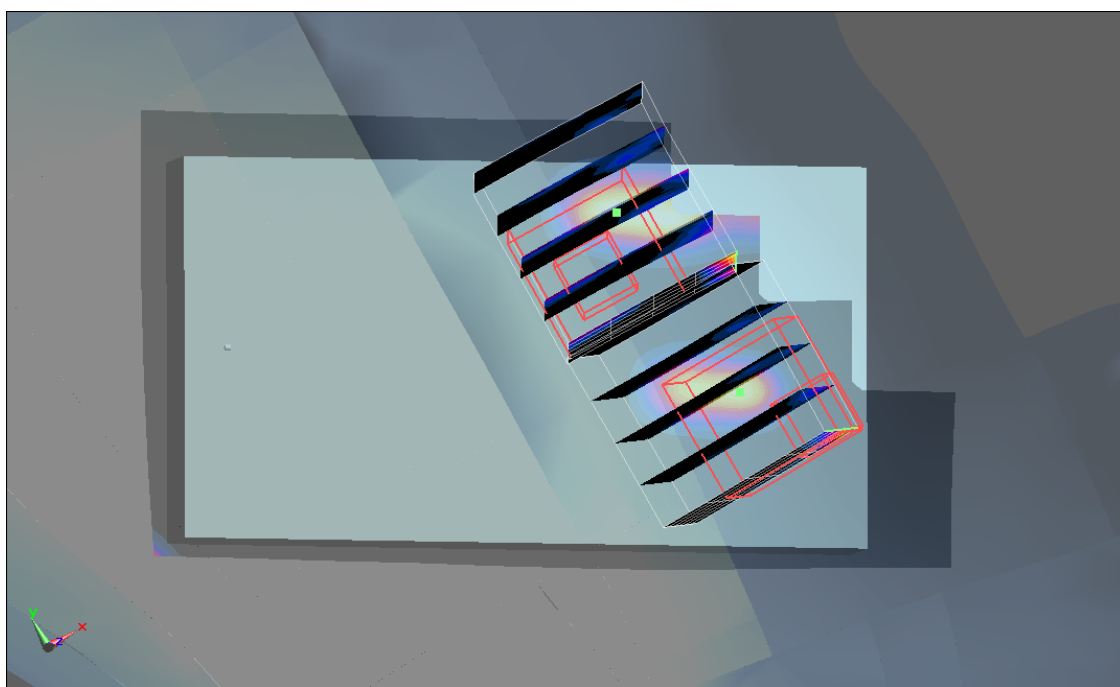
**Ch1/Zoom Scan (5x5x7)/Cube 1:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 3.04 V/m; Power Drift = 0.081 dB

Peak SAR (extrapolated) = 0.194 W/kg

**SAR(1 g) = 0.00237 mW/g; SAR(10 g) = 0.000257 mW/g**

Maximum value of SAR (measured) = 0.194 mW/g





**#30 802.11b\_Left Tilted\_Ch1\_1M**

**DUT: 092901**

Communication System: WIFI; Frequency: 2412 MHz; Duty Cycle: 1:1.03

Medium: HSL\_2450\_110119 Medium parameters used:  $f = 2412$  MHz;  $\sigma = 1.81$  mho/m;  $\epsilon_r = 37.8$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.4 °C ; Liquid Temperature : 21.6 °C

**DASY5 Configuration:**

- Probe: EX3DV4 - SN3697; ConvF(6.77, 6.77, 6.77); Calibrated: 2010-11-23
- 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 162; SEMCAD X Version 14.0 Build 57

**Ch1/Area Scan (51x91x1):** Measurement grid: dx=15mm, dy=15mm

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

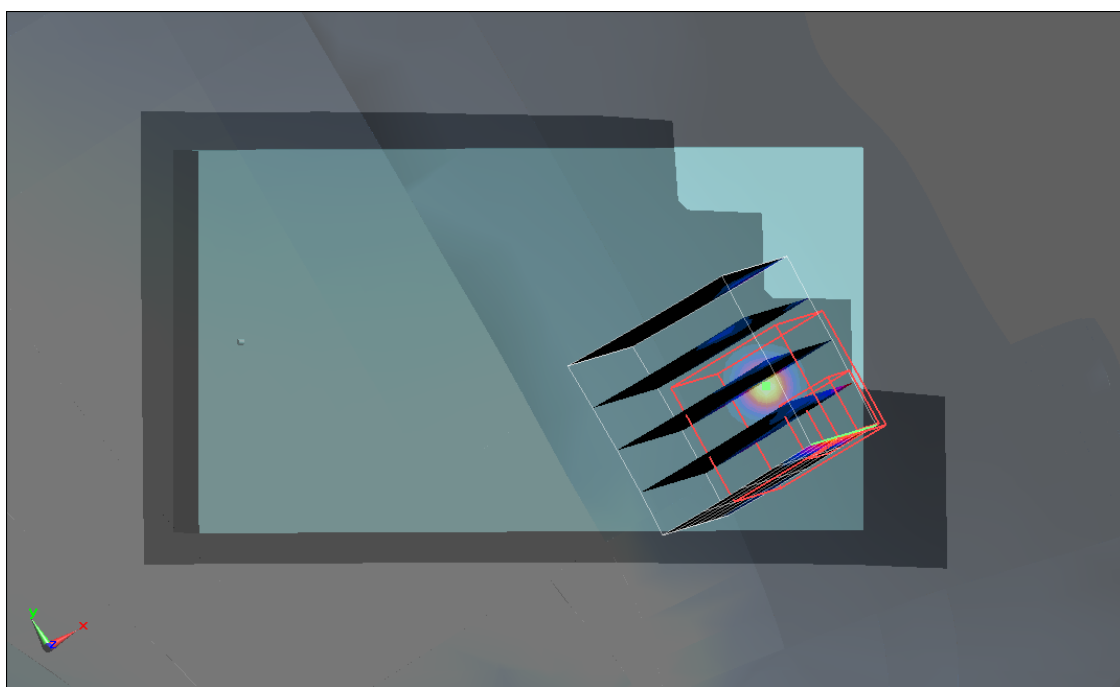
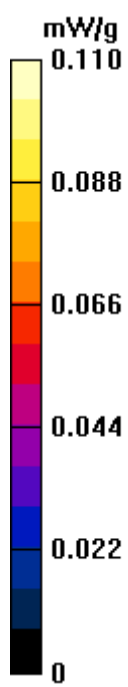
**Ch1/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 0.371 V/m; Power Drift = 0.109 dB

Peak SAR (extrapolated) = 0.127 W/kg

**SAR(1 g) = 0.00181 mW/g; SAR(10 g) = 0.000274 mW/g**

Maximum value of SAR (measured) = 0.127 mW/g



**#77 802.11b\_Rear Face\_Ch1\_1M**

**DUT: 092901**

Communication System: WIFI; Frequency: 2412 MHz; Duty Cycle: 1:1.03

Medium: MSL\_2450\_110312 Medium parameters used:  $f = 2412$  MHz;  $\sigma = 1.93$  mho/m;  $\epsilon_r = 53.5$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.3 °C; Liquid Temperature : 21.5 °C

**DASY5 Configuration:**

- Probe: EX3DV4 - SN3697; ConvF(7.02, 7.02, 7.02); Calibrated: 2010-11-23
- 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 162; SEMCAD X Version 14.0 Build 57

**Ch1/Area Scan (51x91x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.051 mW/g

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

Reference Value = 3.97 V/m; Power Drift = 0.086 dB

Peak SAR (extrapolated) = 0.083 W/kg

**SAR(1 g) = 0.049 mW/g; SAR(10 g) = 0.029 mW/g**

Maximum value of SAR (measured) = 0.053 mW/g

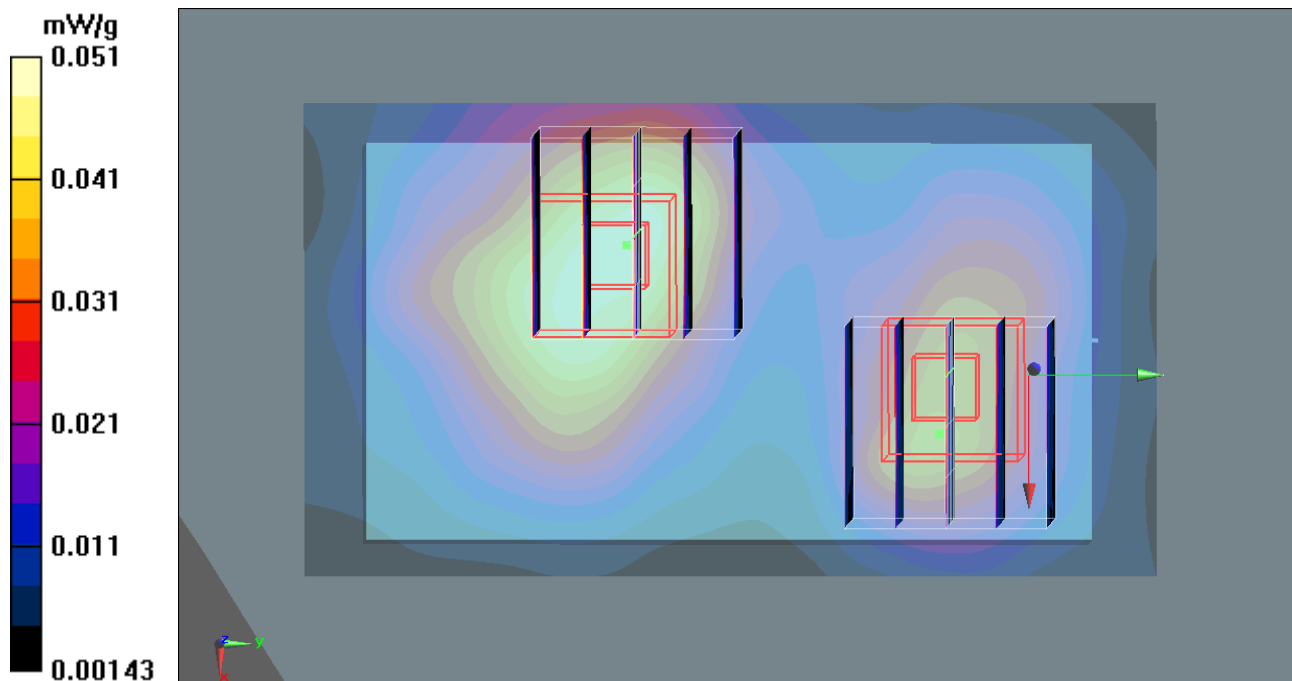
**Ch1/Zoom Scan (5x5x7)/Cube 1:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 3.97 V/m; Power Drift = 0.086 dB

Peak SAR (extrapolated) = 0.058 W/kg

**SAR(1 g) = 0.034 mW/g; SAR(10 g) = 0.021 mW/g**

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



**#83 802.11b\_Front Face\_Ch1\_1M\_Earphone**

**DUT: 092901**

Communication System: WIFI; Frequency: 2412 MHz; Duty Cycle: 1:1.03

Medium: MSL\_2450\_110312 Medium parameters used:  $f = 2412 \text{ MHz}$ ;  $\sigma = 1.93 \text{ mho/m}$ ;  $\epsilon_r = 53.5$ ;  $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature :  $23.3^\circ\text{C}$ ; Liquid Temperature :  $21.5^\circ\text{C}$

DASY5 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(7.02, 7.02, 7.02); Calibrated: 2010-11-23
- 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 162; SEMCAD X Version 14.0 Build 57

**Ch1/Area Scan (51x91x1):** Measurement grid:  $dx=15\text{mm}$ ,  $dy=15\text{mm}$

Maximum value of SAR (interpolated) =  $0.089 \text{ mW/g}$

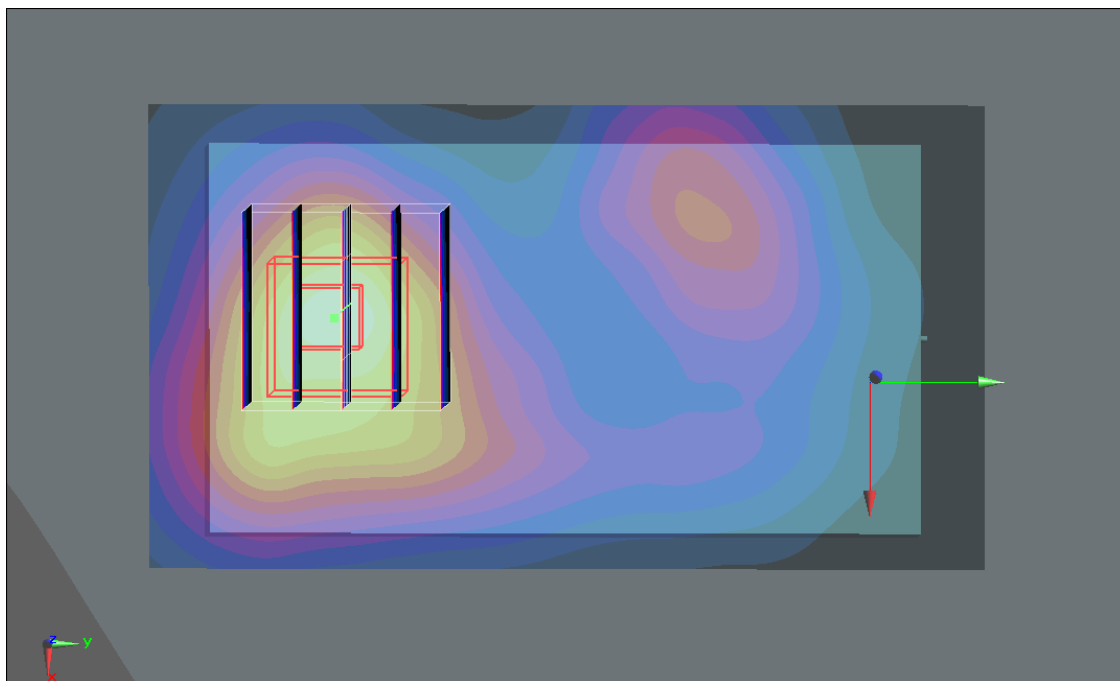
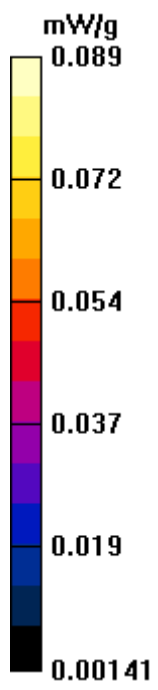
**Ch1/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value =  $3.83 \text{ V/m}$ ; Power Drift =  $-0.066 \text{ dB}$

Peak SAR (extrapolated) =  $0.131 \text{ W/kg}$

**SAR(1 g) =  $0.078 \text{ mW/g}$ ; SAR(10 g) =  $0.047 \text{ mW/g}$**

Maximum value of SAR (measured) =  $0.084 \text{ mW/g}$



**#83 802.11b\_Front Face\_Ch1\_1M\_Earphone\_2D**

**DUT: 092901**

Communication System: WIFI; Frequency: 2412 MHz; Duty Cycle: 1:1.03

Medium: MSL\_2450\_110312 Medium parameters used:  $f = 2412$  MHz;  $\sigma = 1.93$  mho/m;  $\epsilon_r = 53.5$ ;

$\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.3 °C ; Liquid Temperature : 21.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(7.02, 7.02, 7.02); Calibrated: 2010-11-23
- 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 162; SEMCAD X Version 14.0 Build 57

**Ch1/Area Scan (51x91x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.089 mW/g

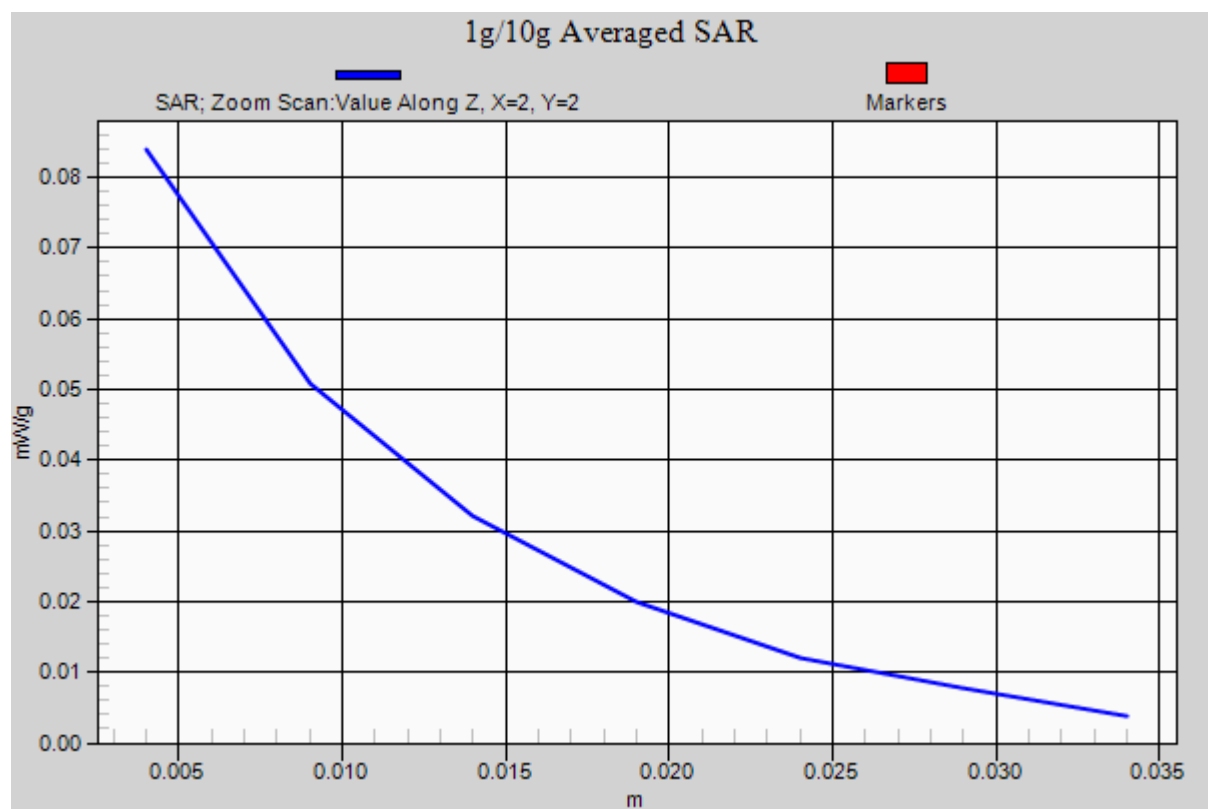
**Ch1/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 3.83 V/m; Power Drift = -0.066 dB

Peak SAR (extrapolated) = 0.131 W/kg

**SAR(1 g) = 0.078 mW/g; SAR(10 g) = 0.047 mW/g**

Maximum value of SAR (measured) = 0.084 mW/g





**#79 802.11b\_Left Side\_Ch1\_1M**

**DUT: 092901**

Communication System: WIFI; Frequency: 2412 MHz; Duty Cycle: 1:1.03

Medium: MSL\_2450\_110312 Medium parameters used:  $f = 2412$  MHz;  $\sigma = 1.93$  mho/m;  $\epsilon_r = 53.5$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.3 °C; Liquid Temperature : 21.5 °C

**DASY5 Configuration:**

- Probe: EX3DV4 - SN3697; ConvF(7.02, 7.02, 7.02); Calibrated: 2010-11-23
- 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 162; SEMCAD X Version 14.0 Build 57

**Ch1/Area Scan (31x91x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.025 mW/g

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

Reference Value = 1.87 V/m; Power Drift = -0.105 dB

Peak SAR (extrapolated) = 0.035 W/kg

**SAR(1 g) = 0.020 mW/g; SAR(10 g) = 0.011 mW/g**

Maximum value of SAR (measured) = 0.022 mW/g

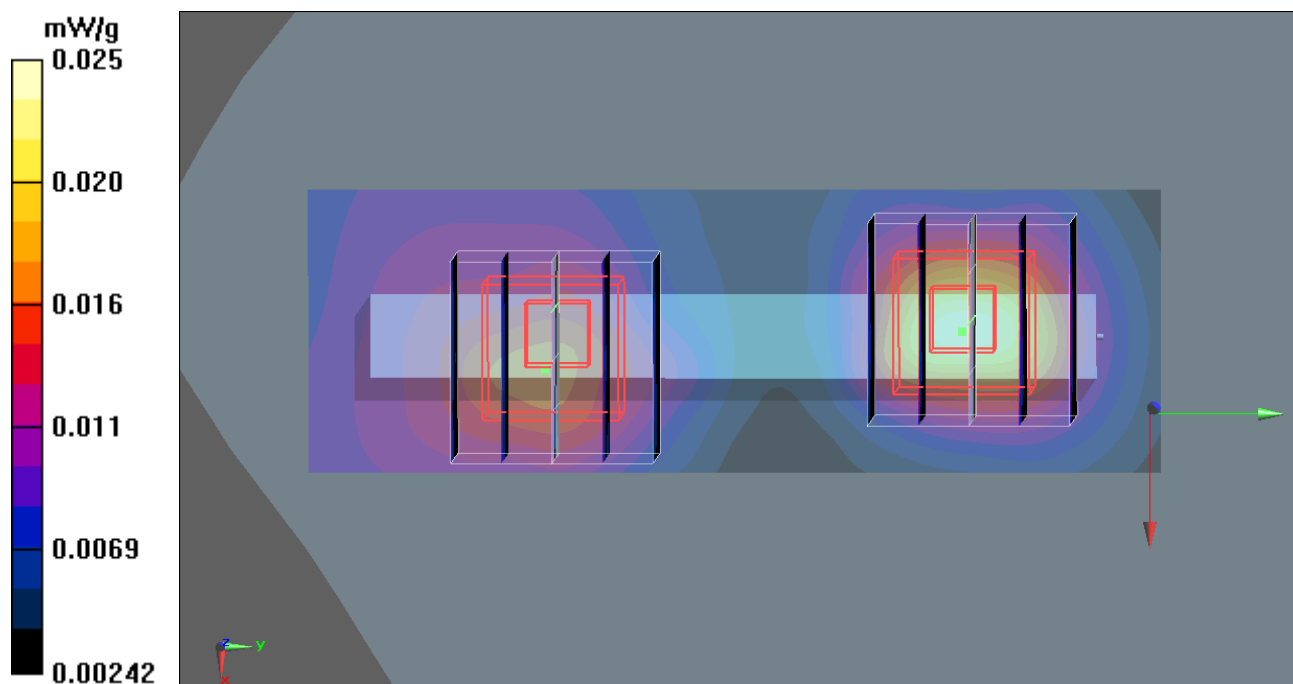
**Ch1/Zoom Scan (5x5x7)/Cube 1:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 1.87 V/m; Power Drift = -0.105 dB

Peak SAR (extrapolated) = 0.021 W/kg

**SAR(1 g) = 0.013 mW/g; SAR(10 g) = 0.00852 mW/g**

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



**#80 802.11b\_Right Side\_Ch1\_1M**

**DUT: 092901**

Communication System: WIFI; Frequency: 2412 MHz; Duty Cycle: 1:1.03

Medium: MSL\_2450\_110312 Medium parameters used:  $f = 2412$  MHz;  $\sigma = 1.93$  mho/m;  $\epsilon_r = 53.5$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.3 °C ; Liquid Temperature : 21.5 °C

**DASY5 Configuration:**

- Probe: EX3DV4 - SN3697; ConvF(7.02, 7.02, 7.02); Calibrated: 2010-11-23
- 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 162; SEMCAD X Version 14.0 Build 57

**Ch1/Area Scan (31x91x1):** Measurement grid: dx=15mm, dy=15mm

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

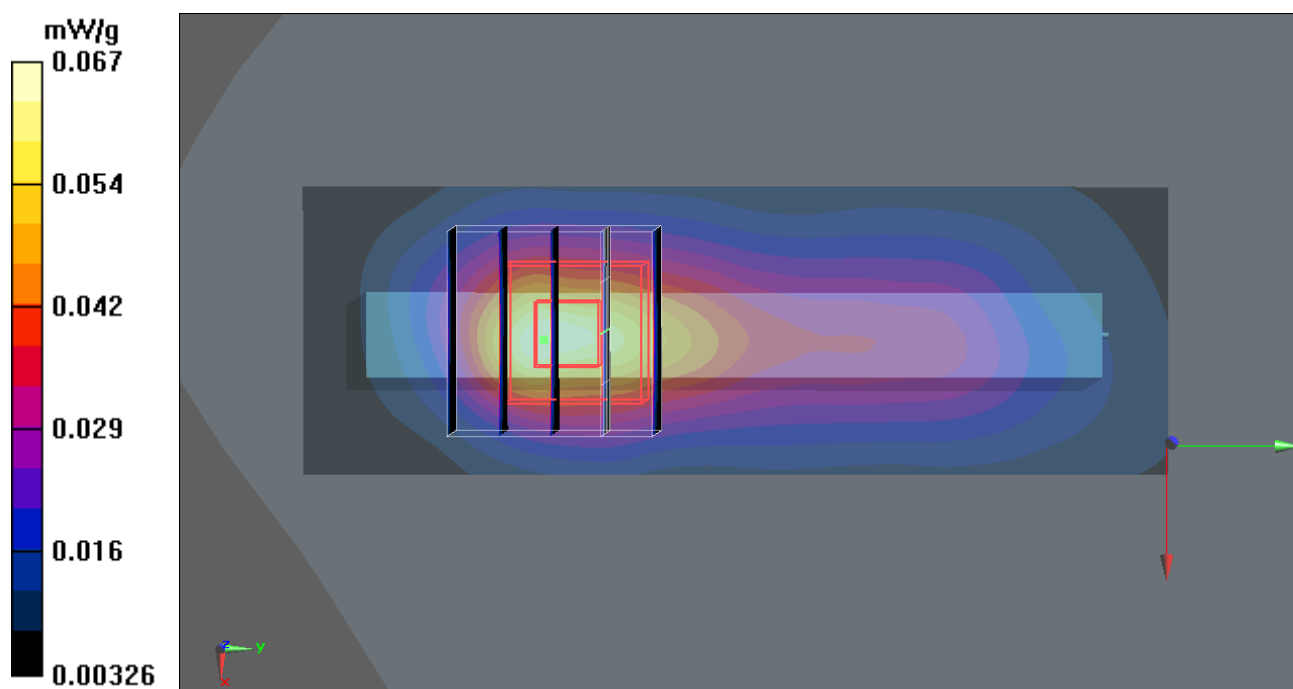
**Ch1/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 2.1 V/m; Power Drift = -0.027 dB

Peak SAR (extrapolated) = 0.107 W/kg

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

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



**#82 802.11b\_Bottom Side\_Ch1\_1M**

**DUT: 092901**

Communication System: WIFI; Frequency: 2412 MHz; Duty Cycle: 1:1.03

Medium: MSL\_2450\_110312 Medium parameters used:  $f = 2412$  MHz;  $\sigma = 1.93$  mho/m;  $\epsilon_r = 53.5$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.3 °C; Liquid Temperature : 21.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(7.02, 7.02, 7.02); Calibrated: 2010-11-23
- 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 162; SEMCAD X Version 14.0 Build 57

**Ch1/Area Scan (41x61x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.020 mW/g

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

Reference Value = 1.99 V/m; Power Drift = 0.061 dB

Peak SAR (extrapolated) = 0.253 W/kg

**SAR(1 g) = 0.025 mW/g; SAR(10 g) = 0.012 mW/g**

Maximum value of SAR (measured) = 0.051 mW/g

