

**#76 802.11b\_11M\_Rear Face\_10mm\_Ch11**

**DUT: 070101-03**

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

Medium: MSL\_2450\_100830 Medium parameters used:  $f = 2462$  MHz;  $\sigma = 2.02$  mho/m;  $\epsilon_r = 54.2$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.7 °C; Liquid Temperature : 21.5 °C

**DASY5 Configuration:**

- Probe: EX3DV4 - SN3697; ConvF(6.84, 6.84, 6.84); Calibrated: 11/23/2009
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2009/11/16
- Phantom: SAM3; Type: QD OVA 001 BB; Serial: 1079
- Measurement SW : DASY5, V5.2 Build 162; SEMCAD X Version 14.0 Build 57

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

Maximum value of SAR (interpolated) = 0.088 mW/g

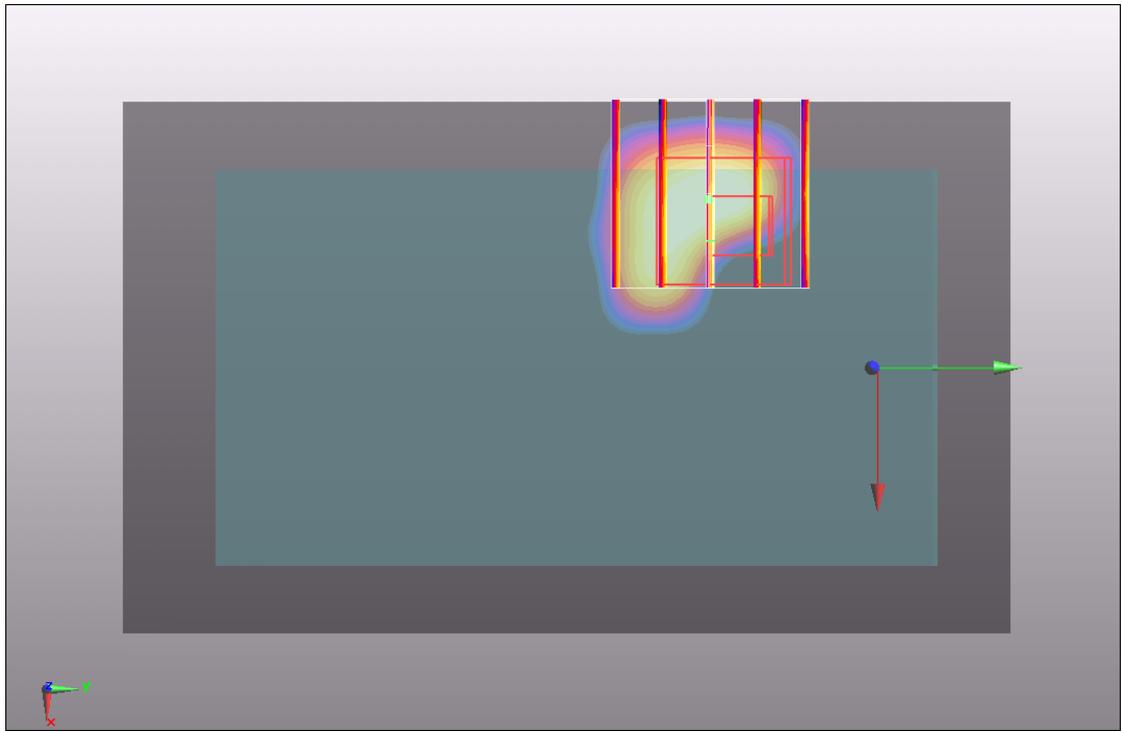
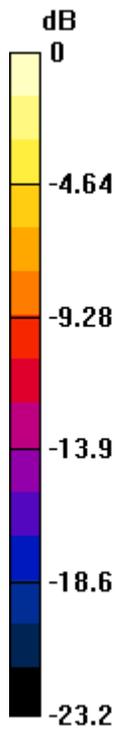
**Ch11/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 2.88 V/m; Power Drift = 0.056 dB

Peak SAR (extrapolated) = 0.103 W/kg

**SAR(1 g) = 0.062 mW/g; SAR(10 g) = 0.032 mW/g**

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



0 dB = 0.065mW/g

**#76 802.11b\_11M\_Rear Face\_10mm\_Ch11\_2D**

**DUT: 070101-03**

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

Medium: MSL\_2450\_100830 Medium parameters used:  $f = 2462$  MHz;  $\sigma = 2.02$  mho/m;  $\epsilon_r = 54.2$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.7 °C; Liquid Temperature : 21.5 °C

**DASY5 Configuration:**

- Probe: EX3DV4 - SN3697; ConvF(6.84, 6.84, 6.84); Calibrated: 11/23/2009
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2009/11/16
- Phantom: SAM3; Type: QD OVA 001 BB; Serial: 1079
- Measurement SW : DASY5, V5.2 Build 162; SEMCAD X Version 14.0 Build 57

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

Maximum value of SAR (interpolated) = 0.088 mW/g

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

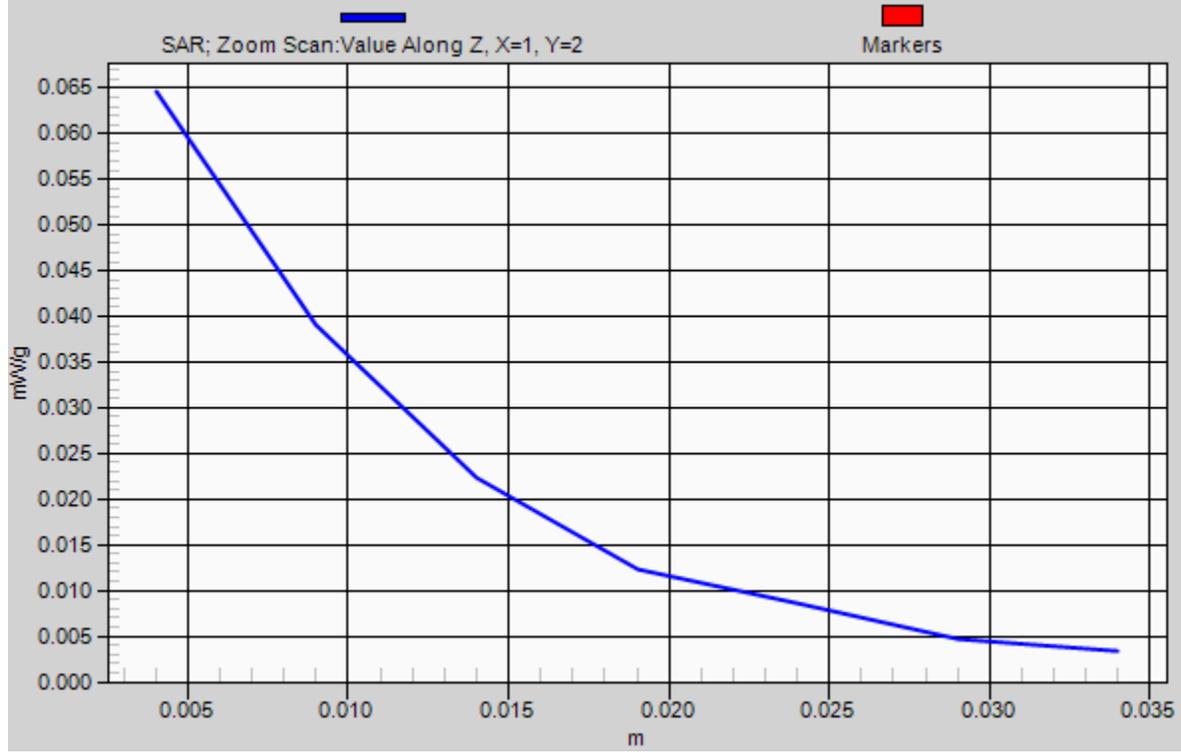
Reference Value = 2.88 V/m; Power Drift = 0.056 dB

Peak SAR (extrapolated) = 0.103 W/kg

**SAR(1 g) = 0.062 mW/g; SAR(10 g) = 0.032 mW/g**

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

# 1g/10g Averaged SAR



**#77 802.11b\_11M\_Front Face\_10mm\_Ch11**

**DUT: 070101-03**

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

Medium: MSL\_2450\_100830 Medium parameters used:  $f = 2462$  MHz;  $\sigma = 2.02$  mho/m;  $\epsilon_r = 54.2$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.7 °C; Liquid Temperature : 21.5 °C

**DASY5 Configuration:**

- Probe: EX3DV4 - SN3697; ConvF(6.84, 6.84, 6.84); Calibrated: 11/23/2009
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2009/11/16
- Phantom: SAM3; Type: QD OVA 001 BB; Serial: 1079
- Measurement SW : DASY5, V5.2 Build 162; SEMCAD X Version 14.0 Build 57

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

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

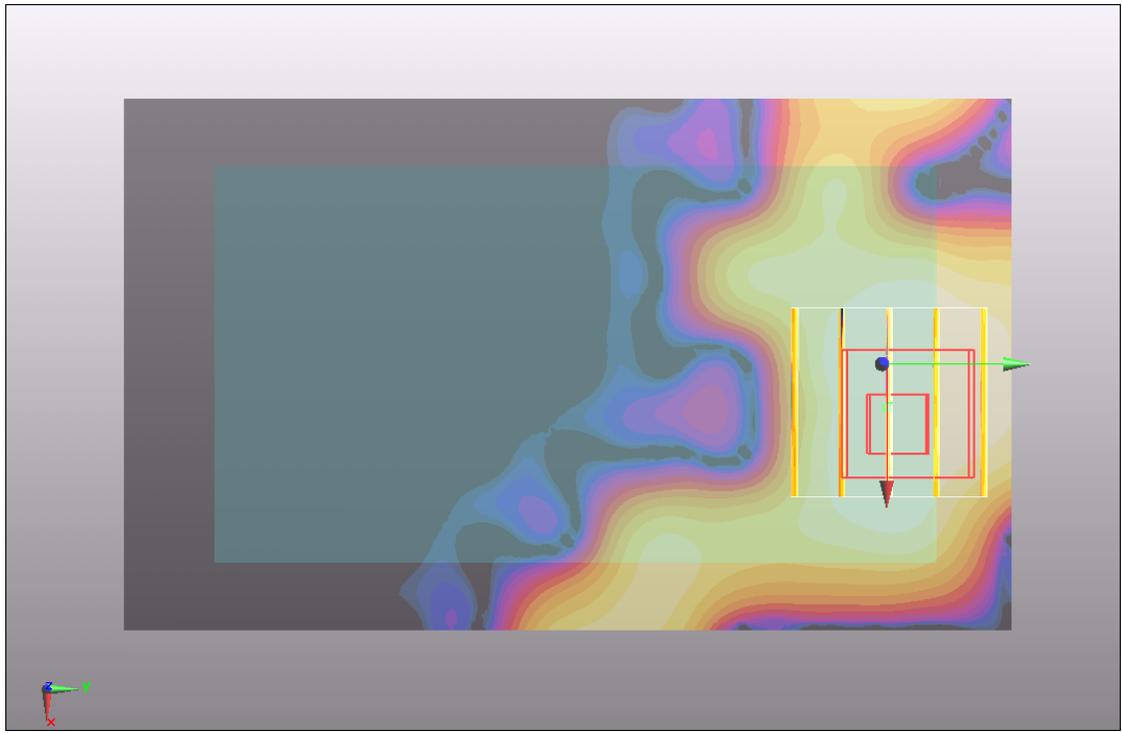
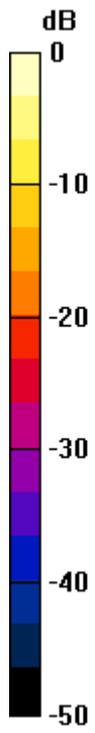
**Ch11/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 2.84 V/m; Power Drift = -0.097 dB

Peak SAR (extrapolated) = 0.025 W/kg

**SAR(1 g) = 0.016 mW/g; SAR(10 g) = 0.00809 mW/g**

Maximum value of SAR (measured) = 0.018 mW/g



0 dB = 0.018mW/g

**#78 802.11b\_11M\_Left Side\_10mm\_Ch11**

**DUT: 070101-03**

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

Medium: MSL\_2450\_100830 Medium parameters used:  $f = 2462$  MHz;  $\sigma = 2.02$  mho/m;  $\epsilon_r = 54.2$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.7 °C; Liquid Temperature : 21.5 °C

**DASY5 Configuration:**

- Probe: EX3DV4 - SN3697; ConvF(6.84, 6.84, 6.84); Calibrated: 11/23/2009
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2009/11/16
- Phantom: SAM3; Type: QD OVA 001 BB; Serial: 1079
- Measurement SW : DASY5, V5.2 Build 162; SEMCAD X Version 14.0 Build 57

**Ch11/Area Scan (41x101x1):** Measurement grid: dx=15mm, dy=15mm

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

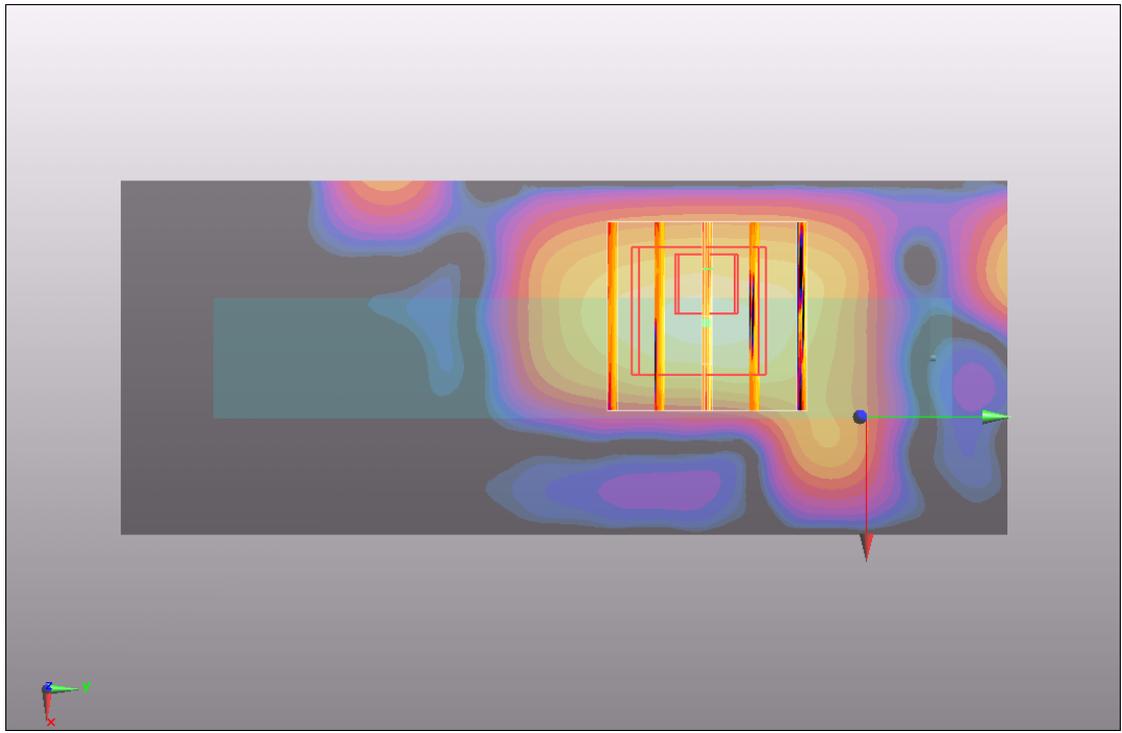
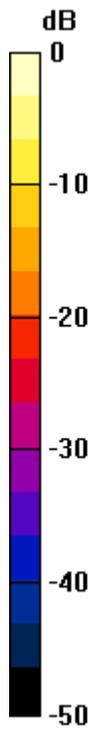
**Ch11/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 0.848 V/m; Power Drift = 0.097 dB

Peak SAR (extrapolated) = 0.108 W/kg

**SAR(1 g) = 0.026 mW/g; SAR(10 g) = 0.00722 mW/g**

Maximum value of SAR (measured) = 0.060 mW/g



0 dB = 0.060mW/g

**#79 802.11b\_11M\_Right Side\_10mm\_Ch11**

**DUT: 070101-03**

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

Medium: MSL\_2450\_100830 Medium parameters used:  $f = 2462$  MHz;  $\sigma = 2.02$  mho/m;  $\epsilon_r = 54.2$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.7 °C; Liquid Temperature : 21.5 °C

**DASY5 Configuration:**

- Probe: EX3DV4 - SN3697; ConvF(6.84, 6.84, 6.84); Calibrated: 11/23/2009
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2009/11/16
- Phantom: SAM3; Type: QD OVA 001 BB; Serial: 1079
- Measurement SW : DASY5, V5.2 Build 162; SEMCAD X Version 14.0 Build 57

**Ch11/Area Scan (41x101x1):** Measurement grid: dx=15mm, dy=15mm

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

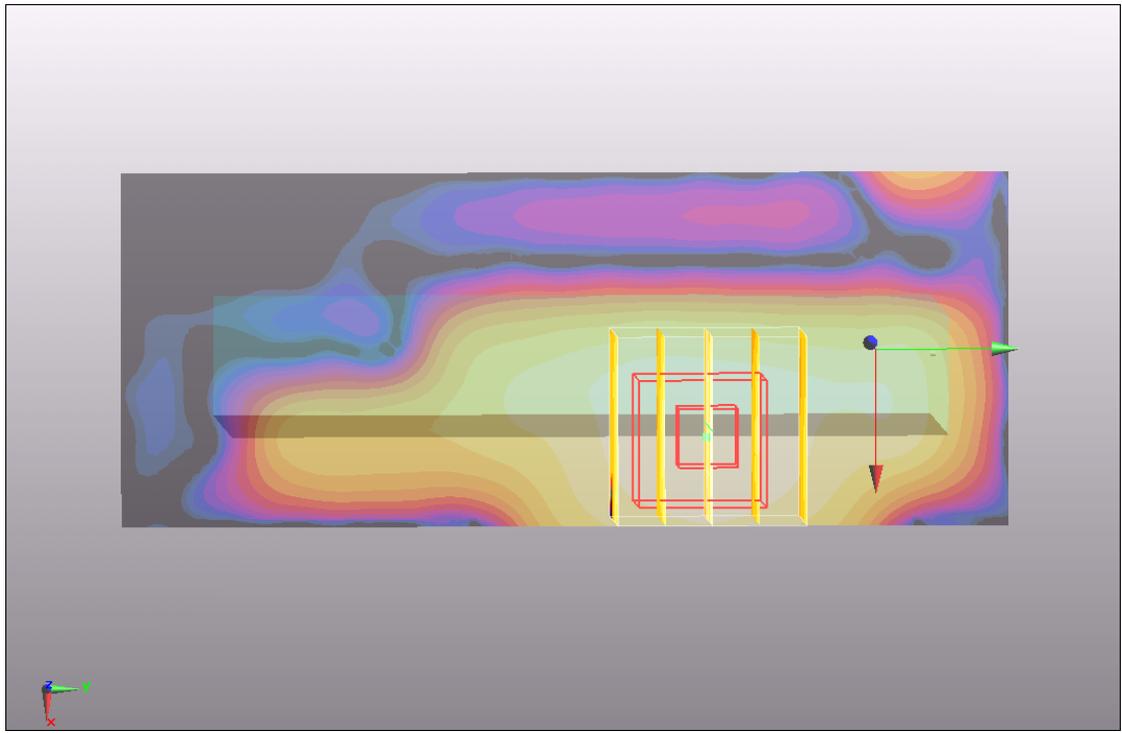
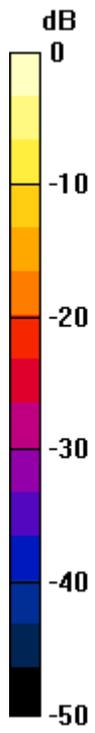
**Ch11/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 2.24 V/m; Power Drift = -0.071 dB

Peak SAR (extrapolated) = 0.067 W/kg

**SAR(1 g) = 0.039 mW/g; SAR(10 g) = 0.020 mW/g**

Maximum value of SAR (measured) = 0.046 mW/g



0 dB = 0.046mW/g

**#80 802.11b\_11M\_Top Side\_10mm\_Ch11**

**DUT: 070101-03**

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

Medium: MSL\_2450\_100830 Medium parameters used:  $f = 2462$  MHz;  $\sigma = 2.02$  mho/m;  $\epsilon_r = 54.2$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.7 °C; Liquid Temperature : 21.5 °C

**DASY5 Configuration:**

- Probe: EX3DV4 - SN3697; ConvF(6.84, 6.84, 6.84); Calibrated: 11/23/2009
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2009/11/16
- Phantom: SAM3; Type: QD OVA 001 BB; Serial: 1079
- Measurement SW : DASY5, V5.2 Build 162; SEMCAD X Version 14.0 Build 57

**Ch11/Area Scan (41x61x1):** Measurement grid: dx=15mm, dy=15mm

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

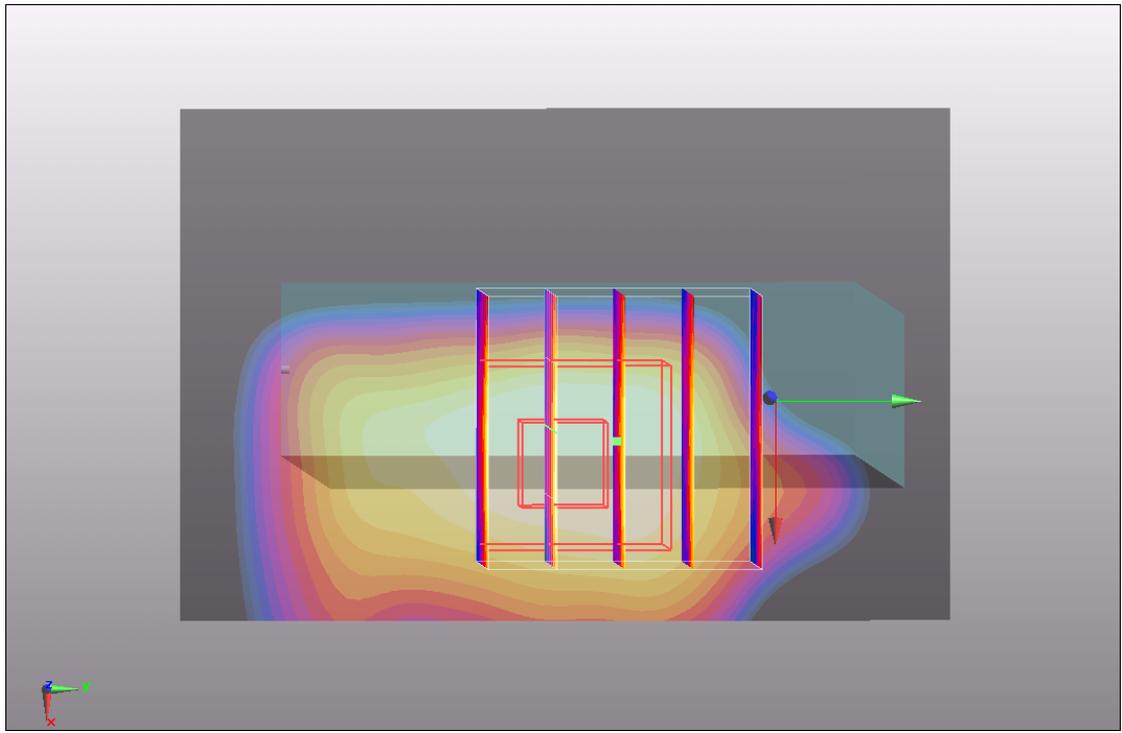
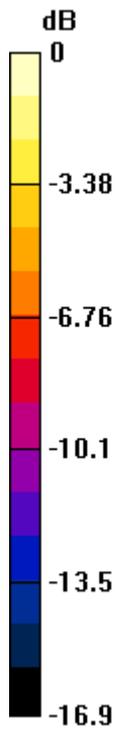
**Ch11/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 1.18 V/m; Power Drift = 0.123 dB

Peak SAR (extrapolated) = 0.062 W/kg

**SAR(1 g) = 0.036 mW/g; SAR(10 g) = 0.019 mW/g**

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



0 dB = 0.040mW/g

**#81 802.11b\_11M\_Bottom Side\_10mm\_Ch11**

**DUT: 070101-03**

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

Medium: MSL\_2450\_100830 Medium parameters used:  $f = 2462$  MHz;  $\sigma = 2.02$  mho/m;  $\epsilon_r = 54.2$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.7 °C; Liquid Temperature : 21.5 °C

**DASY5 Configuration:**

- Probe: EX3DV4 - SN3697; ConvF(6.84, 6.84, 6.84); Calibrated: 11/23/2009
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2009/11/16
- Phantom: SAM3; Type: QD OVA 001 BB; Serial: 1079
- Measurement SW : DASY5, V5.2 Build 162; SEMCAD X Version 14.0 Build 57

**Ch11/Area Scan (51x61x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.00163 mW/g

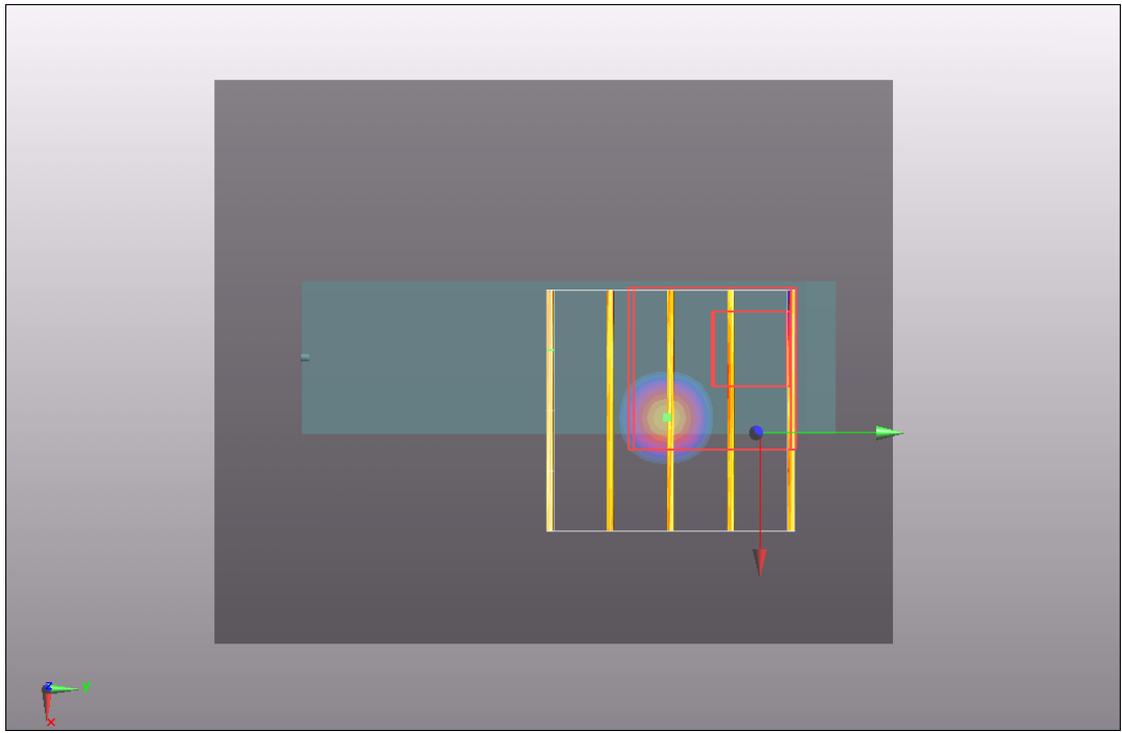
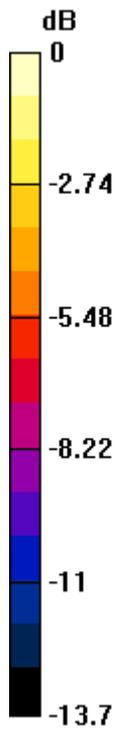
**Ch11/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 1.25 V/m; Power Drift = -0.078 dB

Peak SAR (extrapolated) = 0.00157 W/kg

**SAR(1 g) = 3.95e-006 mW/g; SAR(10 g) = 6.2e-007 mW/g**

Maximum value of SAR (measured) = 0.00374 mW/g



0 dB = 0.00374mW/g