

#01 WLAN2.4G_802.11b_Front_0cm_Ch6

DUT: 290420

Communication System: 802.11b; Frequency: 2437 MHz; Duty Cycle: 1:1

Medium: MSL_2450_120918 Medium parameters used: $f = 2437$ MHz; $\sigma = 1.951$ mho/m; $\epsilon_r = 52.324$; ρ

$= 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(7.1, 7.1, 7.1); Calibrated: 2012/6/21;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP1127
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch6/Area Scan (41x61x1): Measurement grid: dx=15 mm, dy=15 mm

Maximum value of SAR (interpolated) = 0.166 W/kg

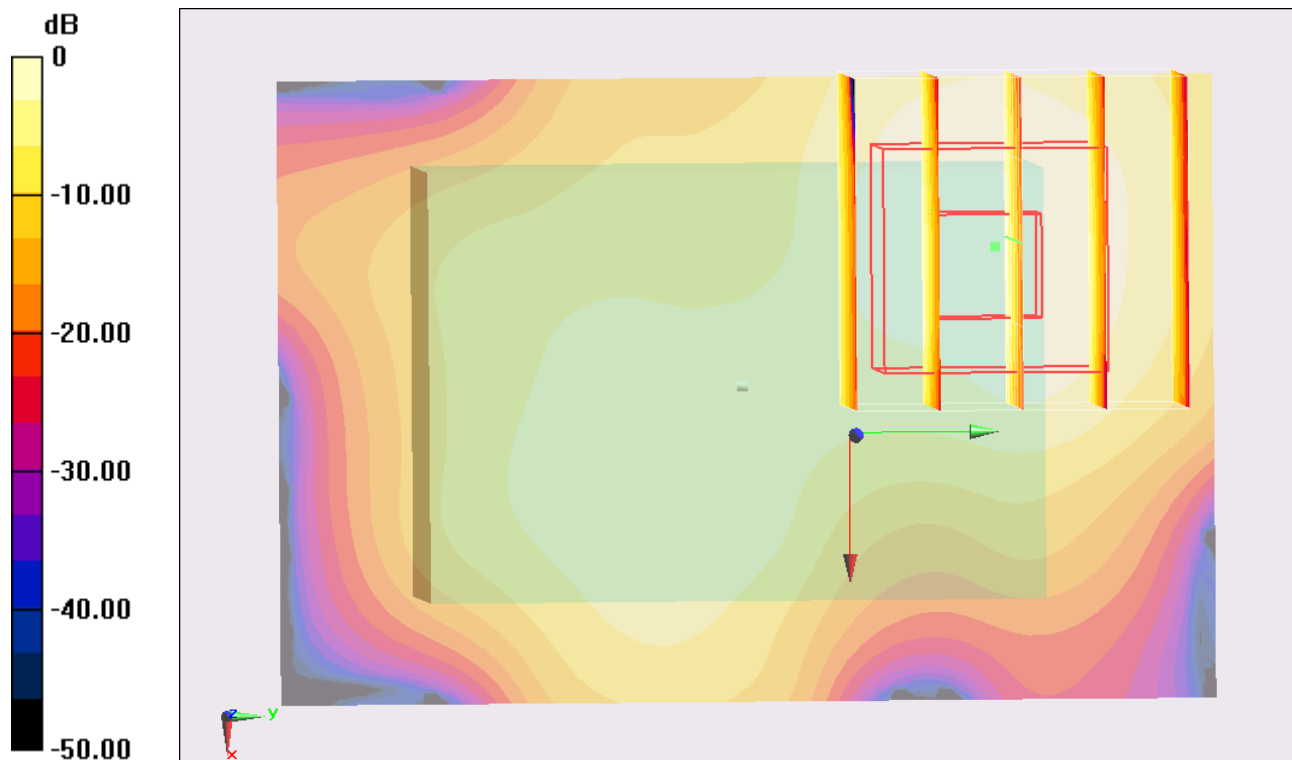
Ch6/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 5.287 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 0.276 mW/g

SAR(1 g) = 0.141 mW/g; SAR(10 g) = 0.066 mW/g

Maximum value of SAR (measured) = 0.149 W/kg



0 dB = 0.149 W/kg = -16.54 dB W/kg

#02 WLAN2.4G_802.11b_Back_0cm_Ch6

DUT: 290420

Communication System: 802.11b; Frequency: 2437 MHz; Duty Cycle: 1:1

Medium: MSL_2450_120918 Medium parameters used: $f = 2437$ MHz; $\sigma = 1.951$ mho/m; $\epsilon_r = 52.324$; ρ

$= 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(7.1, 7.1, 7.1); Calibrated: 2012/6/21;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP1127
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch6/Area Scan (41x61x1): Measurement grid: dx=15 mm, dy=15 mm

Maximum value of SAR (interpolated) = 0.424 W/kg

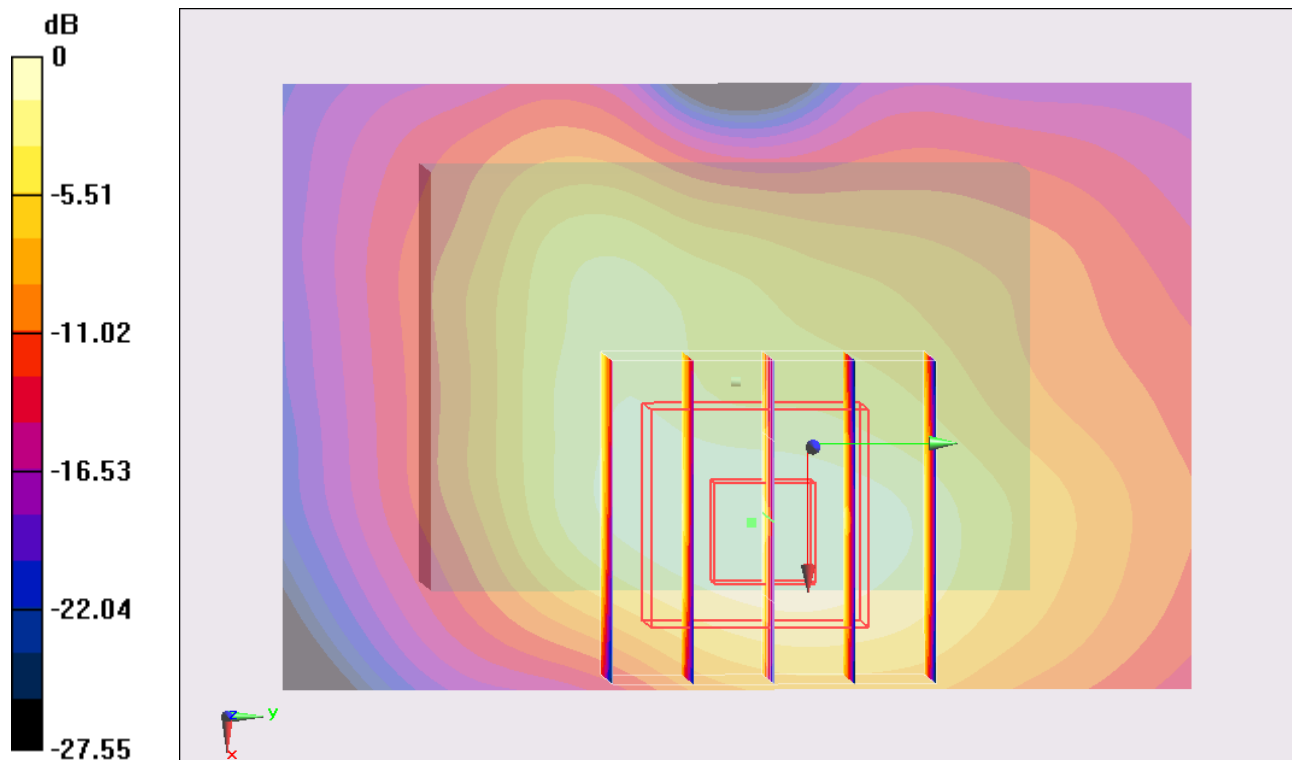
Ch6/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 8.680 V/m; Power Drift = -0.18 dB

Peak SAR (extrapolated) = 0.724 mW/g

SAR(1 g) = 0.334 mW/g; SAR(10 g) = 0.156 mW/g

Maximum value of SAR (measured) = 0.378 W/kg



0 dB = 0.378 W/kg = -8.45 dB W/kg

#03 WLAN2.4G_802.11b_Left Side_0cm_Ch6

DUT: 290420

Communication System: 802.11b; Frequency: 2437 MHz; Duty Cycle: 1:1

Medium: MSL_2450_120918 Medium parameters used: $f = 2437$ MHz; $\sigma = 1.951$ mho/m; $\epsilon_r = 52.324$; ρ

$= 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(7.1, 7.1, 7.1); Calibrated: 2012/6/21;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP1127
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch6/Area Scan (41x51x1): Measurement grid: dx=15 mm, dy=15 mm

Maximum value of SAR (interpolated) = 0.151 W/kg

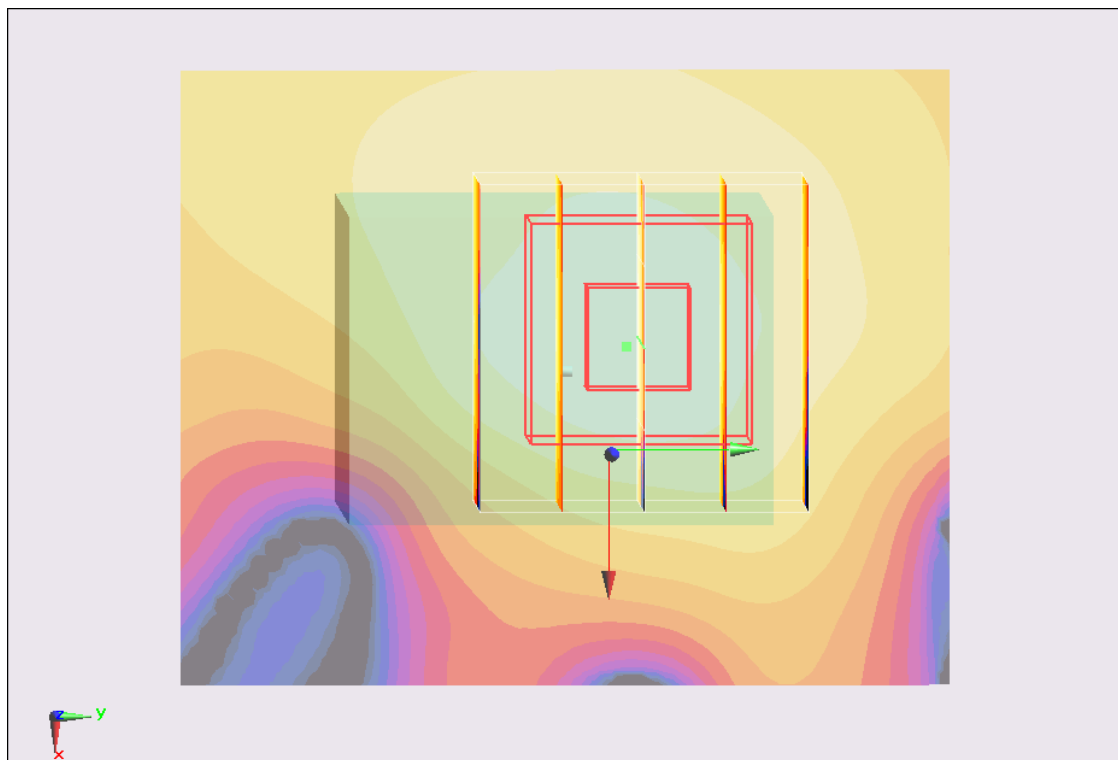
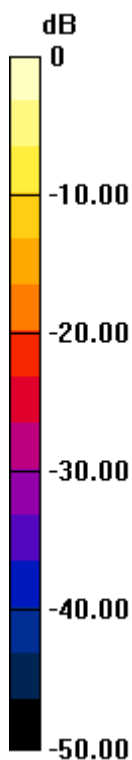
Ch6/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 7.348 V/m; Power Drift = 0.135 dB

Peak SAR (extrapolated) = 0.208 mW/g

SAR(1 g) = 0.114 mW/g; SAR(10 g) = 0.052 mW/g

Maximum value of SAR (measured) = 0.143 W/kg



0 dB = 0.143 W/kg = -16.89 dB W/kg

#04 WLAN2.4G_802.11b_Right Side_0cm_Ch6

DUT: 290420

Communication System: 802.11b; Frequency: 2437 MHz; Duty Cycle: 1:1

Medium: MSL_2450_120918 Medium parameters used: $f = 2437$ MHz; $\sigma = 1.951$ mho/m; $\epsilon_r = 52.324$; ρ

$= 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(7.1, 7.1, 7.1); Calibrated: 2012/6/21;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP1127
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch6/Area Scan (41x51x1): Measurement grid: dx=15 mm, dy=15 mm

Maximum value of SAR (interpolated) = 0.287 W/kg

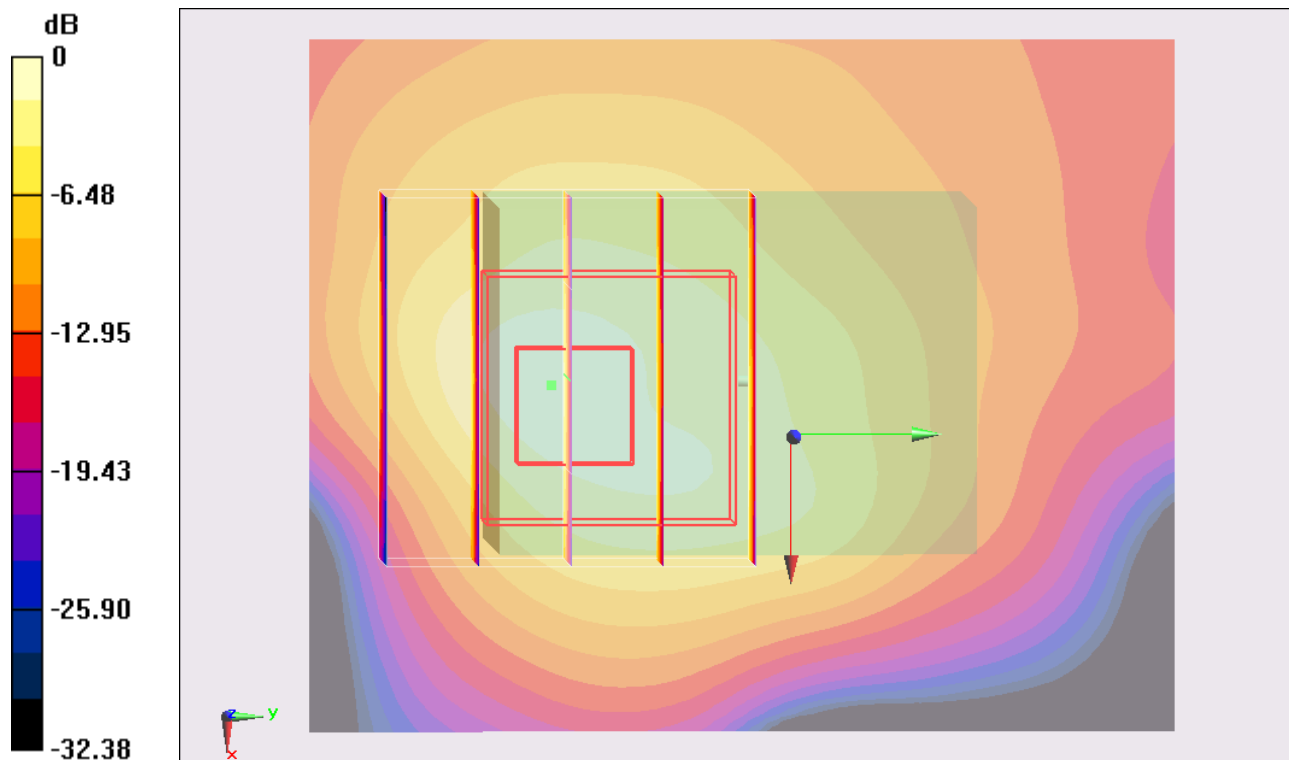
Ch6/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 8.647 V/m; Power Drift = 0.141 dB

Peak SAR (extrapolated) = 0.760 mW/g

SAR(1 g) = 0.298 mW/g; SAR(10 g) = 0.123 mW/g

Maximum value of SAR (measured) = 0.343 W/kg



0 dB = 0.343 W/kg = -9.29 dB W/kg

#05 WLAN2.4G_802.11b_Top Side_0cm_Ch1

DUT: 290420

Communication System: 802.11b; Frequency: 2412 MHz; Duty Cycle: 1:1

Medium: MSL_2450_120918 Medium parameters used: $f = 2412$ MHz; $\sigma = 1.918$ mho/m; $\epsilon_r = 52.404$; ρ

$= 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(7.1, 7.1, 7.1); Calibrated: 2012/6/21;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP1127
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

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

Maximum value of SAR (interpolated) = 1.70 W/kg

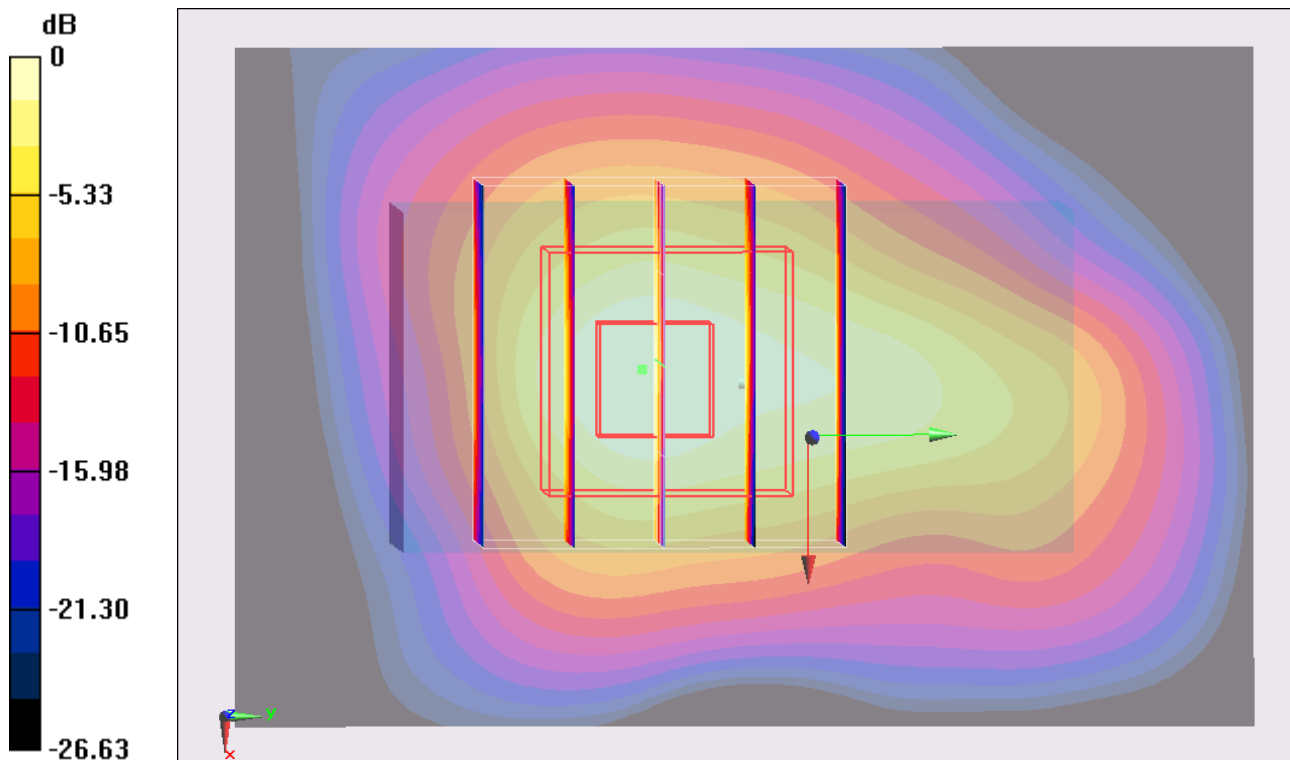
Ch1/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 24.198 V/m; Power Drift = 0.12 dB

Peak SAR (extrapolated) = 2.802 mW/g

SAR(1 g) = 1.39 mW/g; SAR(10 g) = 0.619 mW/g

Maximum value of SAR (measured) = 1.58 W/kg



0 dB = 1.58 W/kg = 3.97 dB W/kg

#06 WLAN2.4G_802.11b_Top Side_0cm_Ch6

DUT: 290420

Communication System: 802.11b; Frequency: 2437 MHz; Duty Cycle: 1:1

Medium: MSL_2450_120918 Medium parameters used: $f = 2437$ MHz; $\sigma = 1.951$ mho/m; $\epsilon_r = 52.324$; ρ

$= 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(7.1, 7.1, 7.1); Calibrated: 2012/6/21;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP1127
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch6/Area Scan (41x61x1): Measurement grid: dx=15 mm, dy=15 mm

Maximum value of SAR (interpolated) = 1.49 W/kg

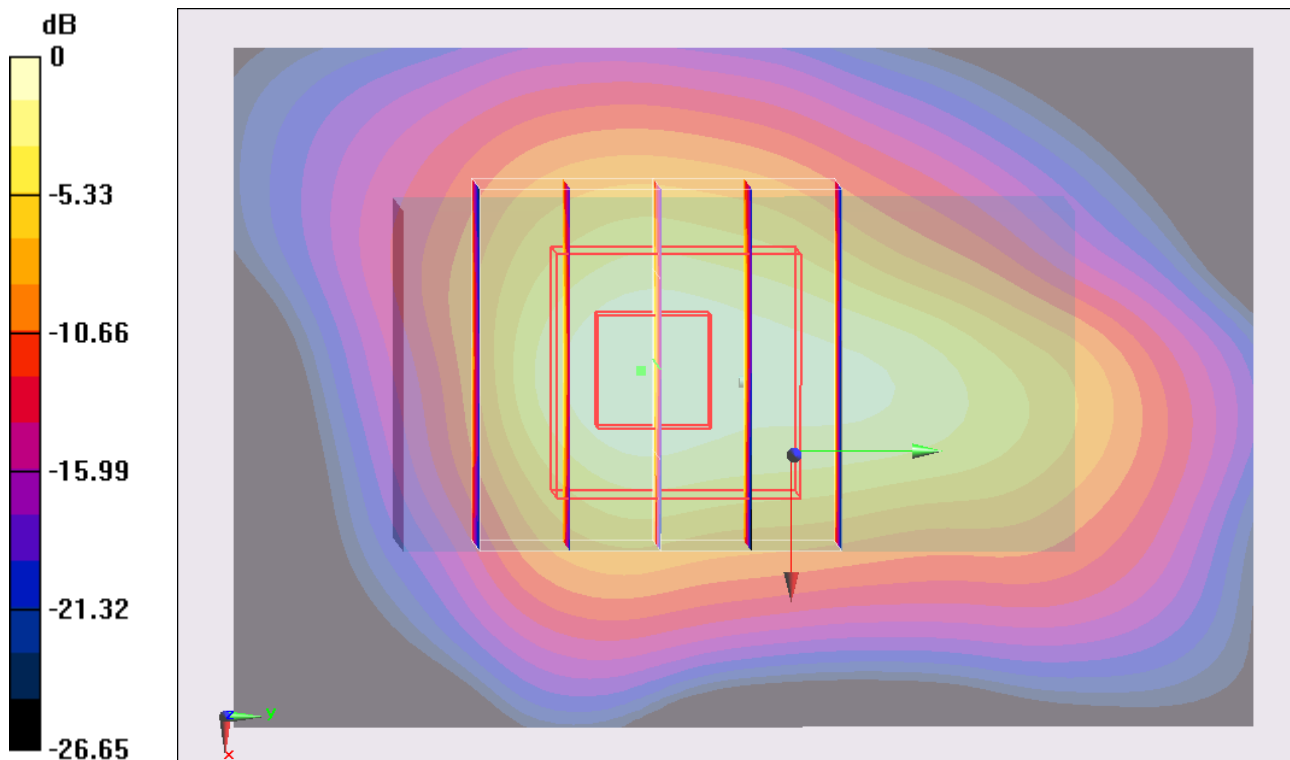
Ch6/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 22.977 V/m; Power Drift = 0.13 dB

Peak SAR (extrapolated) = 2.511 mW/g

SAR(1 g) = 1.23 mW/g; SAR(10 g) = 0.554 mW/g

Maximum value of SAR (measured) = 1.39 W/kg



0 dB = 1.39 W/kg = 2.86 dB W/kg

#07 WLAN2.4G_802.11b_Top Side_0cm_Ch11

DUT: 290420

Communication System: 802.11b; Frequency: 2462 MHz; Duty Cycle: 1:1

Medium: MSL_2450_120918 Medium parameters used: $f = 2462 \text{ MHz}$; $\sigma = 1.986 \text{ mho/m}$; $\epsilon_r = 52.236$; ρ

$= 1000 \text{ kg/m}^3$

Ambient Temperature : $22.5 \text{ }^\circ\text{C}$; Liquid Temperature : $21.5 \text{ }^\circ\text{C}$

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(7.1, 7.1, 7.1); Calibrated: 2012/6/21;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP1127
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch11/Area Scan (41x61x1): Measurement grid: $dx=15 \text{ mm}$, $dy=15 \text{ mm}$

Maximum value of SAR (interpolated) = 1.48 W/kg

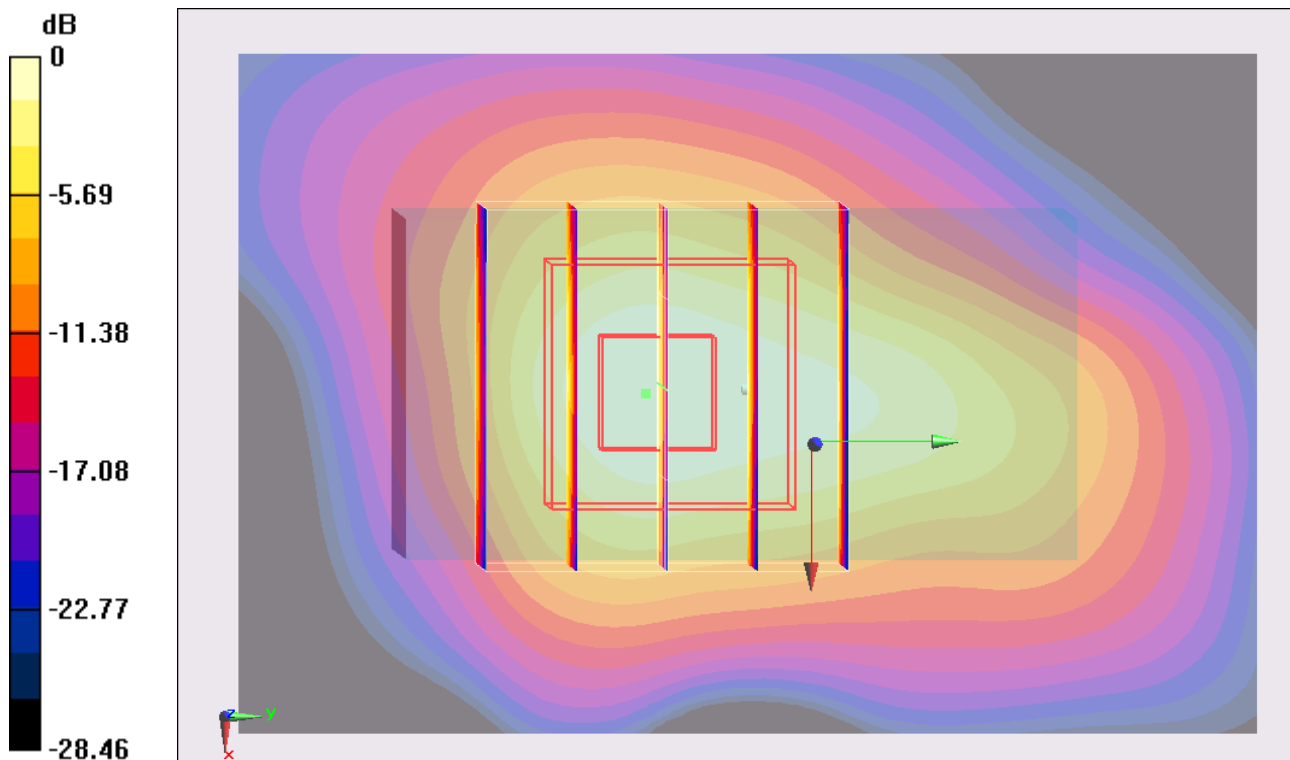
Ch11/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 22.940 V/m ; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 2.484 mW/g

SAR(1 g) = 1.21 mW/g ; SAR(10 g) = 0.542 mW/g

Maximum value of SAR (measured) = 1.35 W/kg



0 dB = $1.35 \text{ W/kg} = 2.61 \text{ dB W/kg}$

#08 WLAN2.4G_802.11b_Bottom Side_0cm_Ch6

DUT: 290420

Communication System: 802.11b; Frequency: 2437 MHz; Duty Cycle: 1:1

Medium: MSL_2450_120918 Medium parameters used: $f = 2437$ MHz; $\sigma = 1.951$ mho/m; $\epsilon_r = 52.324$; ρ

$= 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(7.1, 7.1, 7.1); Calibrated: 2012/6/21;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP1127
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch6/Area Scan (41x61x1): Measurement grid: dx=15 mm, dy=15 mm

Maximum value of SAR (interpolated) = 0.340 W/kg

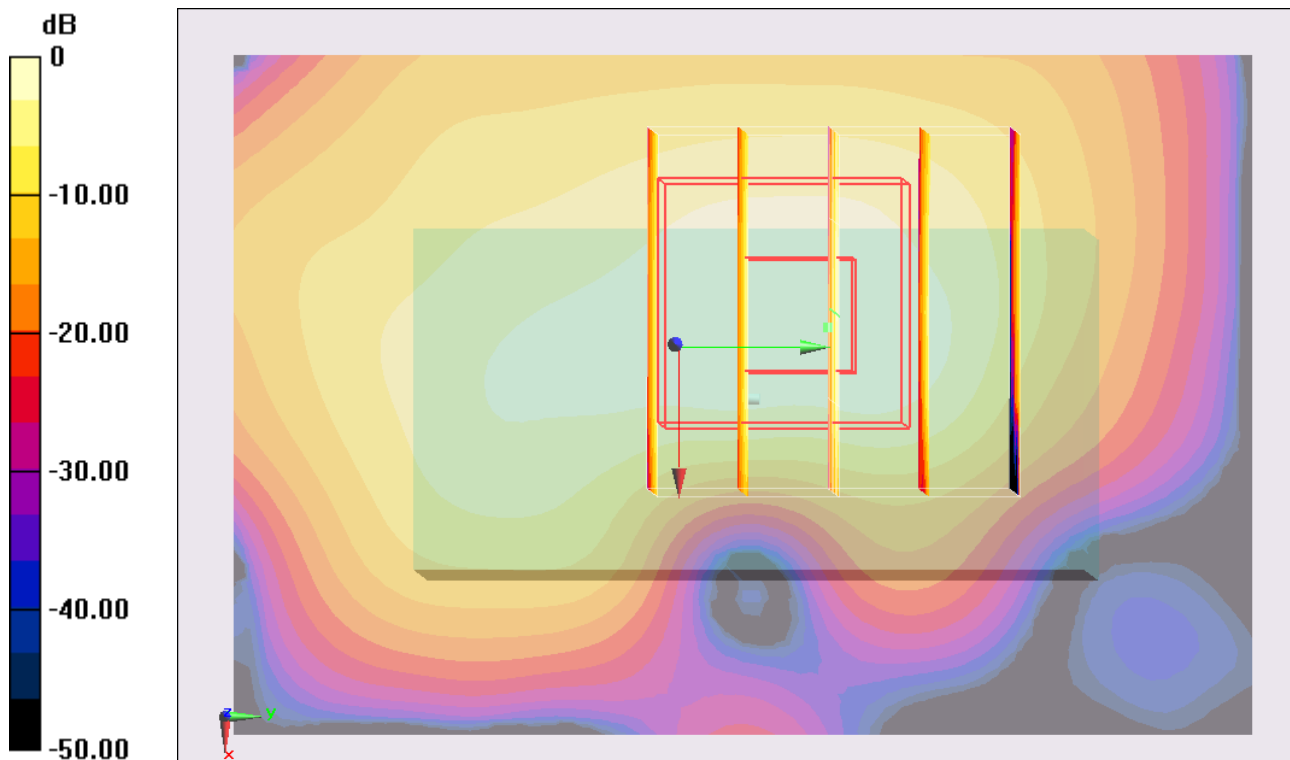
Ch6/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 9.697 V/m; Power Drift = 0.10 dB

Peak SAR (extrapolated) = 0.478 mW/g

SAR(1 g) = 0.242 mW/g; SAR(10 g) = 0.107 mW/g

Maximum value of SAR (measured) = 0.269 W/kg



0 dB = 0.269 W/kg = -11.40 dB W/kg