

#01_WLAN2.4G_802.11b_Front_0.5cm_Ch6

DUT: 330515

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

Medium: MSL_2450_130328 Medium parameters used: $f = 2437$ MHz; $\sigma = 1.887$ mho/m; $\epsilon_r = 51.868$; ρ

$= 1000$ kg/m³

Ambient Temperature : 22.4 °C; Liquid Temperature : 21.4 °C

DASY5 Configuration:

- Probe: ES3DV3 - SN3270; ConvF(4.17, 4.17, 4.17); Calibrated: 2012/9/28;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2012/8/27
- Phantom: ELI 4.0_Front; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

Configuration/Ch6/Area Scan (61x61x1): Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (interpolated) = 0.524 mW/g

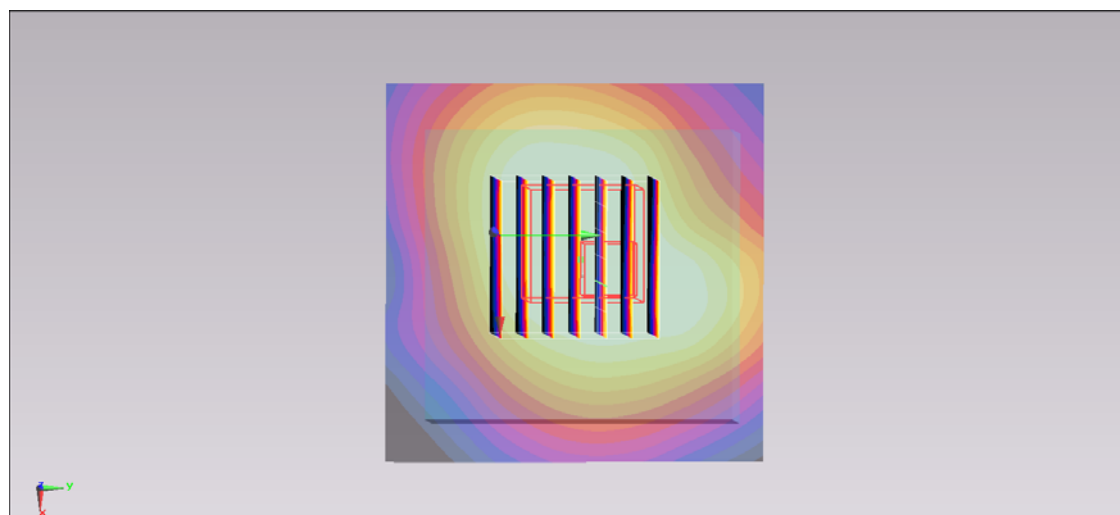
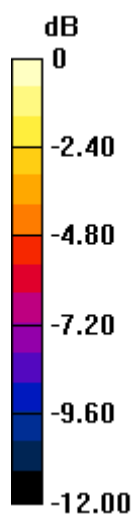
Configuration/Ch6/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 15.409 V/m; Power Drift = -0.15 dB

Peak SAR (extrapolated) = 0.667 mW/g

SAR(1 g) = 0.354 mW/g; SAR(10 g) = 0.213 mW/g

Maximum value of SAR (measured) = 0.428 mW/g



0 dB = 0.428 mW/g = -7.37 dB mW/g

#02_WLAN2.4G_802.11b_Back_0.5cm_Ch6

DUT: 330515

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

Medium: MSL_2450_130328 Medium parameters used: $f = 2437$ MHz; $\sigma = 1.887$ mho/m; $\epsilon_r = 51.868$; ρ

$= 1000$ kg/m³

Ambient Temperature : 22.4 °C; Liquid Temperature : 21.4 °C

DASY5 Configuration:

- Probe: ES3DV3 - SN3270; ConvF(4.17, 4.17, 4.17); Calibrated: 2012/9/28;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2012/8/27
- Phantom: ELI 4.0_Front; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

Configuration/Ch6/Area Scan (61x61x1): Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (interpolated) = 0.269 mW/g

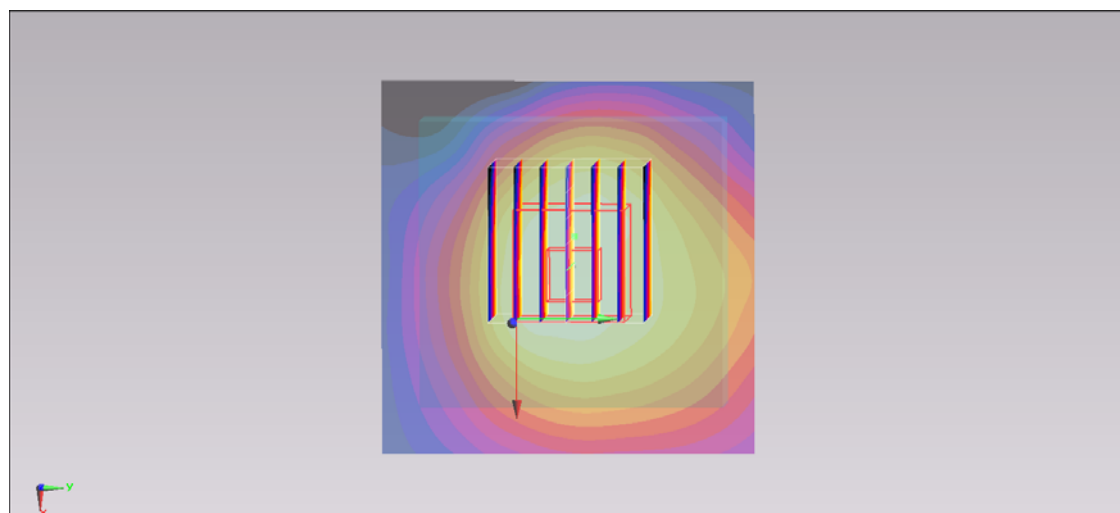
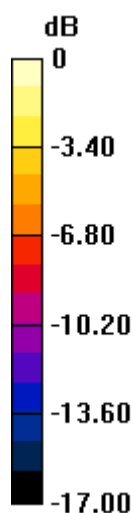
Configuration/Ch6/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 11.983 V/m; Power Drift = 0.14 dB

Peak SAR (extrapolated) = 0.389 mW/g

SAR(1 g) = 0.215 mW/g; SAR(10 g) = 0.121 mW/g

Maximum value of SAR (measured) = 0.263 mW/g



0 dB = 0.263 mW/g = -11.60 dB mW/g

#03_WLAN2.4G_802.11b_Left Side_0.5cm_Ch6

DUT: 330515

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

Medium: MSL_2450_130328 Medium parameters used: $f = 2437$ MHz; $\sigma = 1.887$ mho/m; $\epsilon_r = 51.868$; ρ

$= 1000$ kg/m³

Ambient Temperature : 22.4 °C; Liquid Temperature : 21.4 °C

DASY5 Configuration:

- Probe: ES3DV3 - SN3270; ConvF(4.17, 4.17, 4.17); Calibrated: 2012/9/28;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2012/8/27
- Phantom: ELI 4.0_Front; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

Configuration/Ch6/Area Scan (51x61x1): Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (interpolated) = 0.269 mW/g

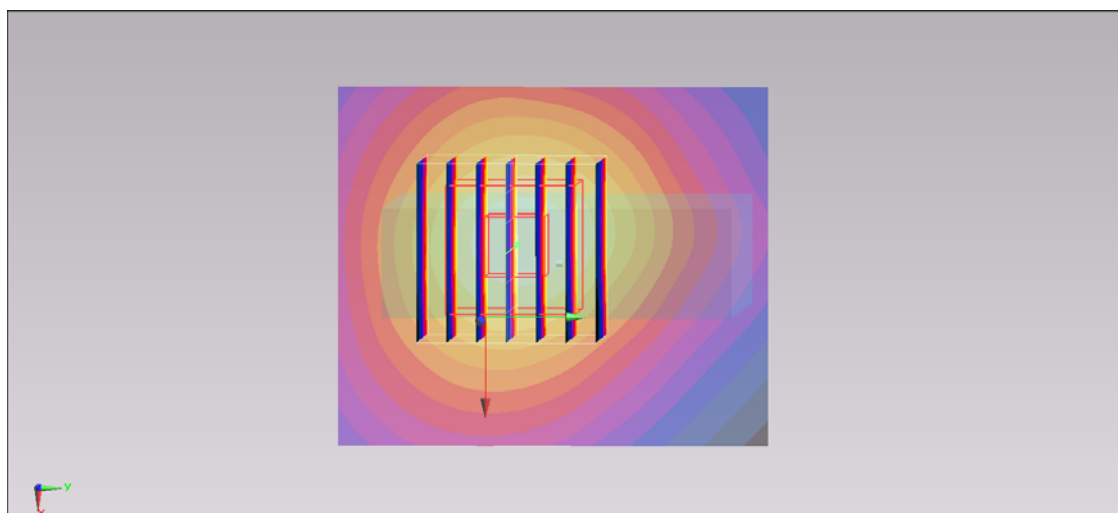
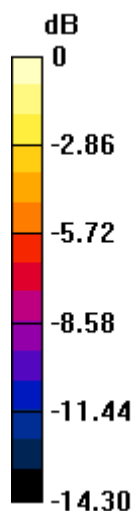
Configuration/Ch6/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 11.613 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.420 mW/g

SAR(1 g) = 0.213 mW/g; SAR(10 g) = 0.111 mW/g

Maximum value of SAR (measured) = 0.270 mW/g



0 dB = 0.270 mW/g = -11.37 dB mW/g

#04_WLAN2.4G_802.11b_Right Side_0.5cm_Ch6

DUT: 330515

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

Medium: MSL_2450_130328 Medium parameters used: $f = 2437$ MHz; $\sigma = 1.887$ mho/m; $\epsilon_r = 51.868$; ρ

$= 1000$ kg/m³

Ambient Temperature : 22.4 °C; Liquid Temperature : 21.4 °C

DASY5 Configuration:

- Probe: ES3DV3 - SN3270; ConvF(4.17, 4.17, 4.17); Calibrated: 2012/9/28;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2012/8/27
- Phantom: ELI 4.0_Front; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

Configuration/Ch6/Area Scan (51x61x1): Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (interpolated) = 0.0856 mW/g

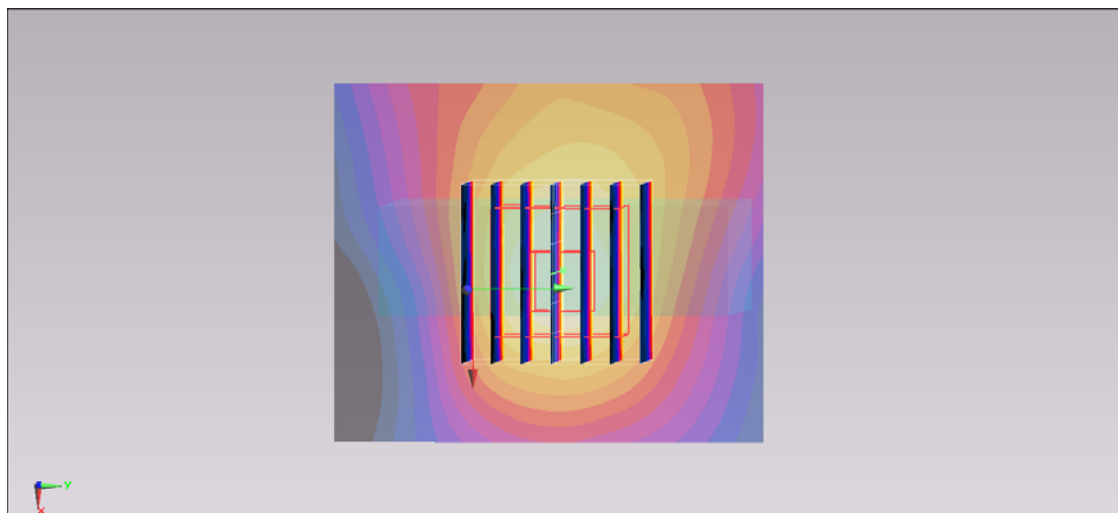
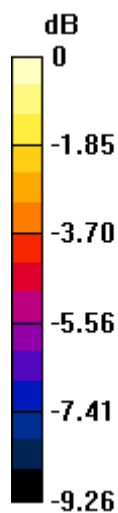
Configuration/Ch6/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 6.661 V/m; Power Drift = 0.17 dB

Peak SAR (extrapolated) = 0.131 mW/g

SAR(1 g) = 0.066 mW/g; SAR(10 g) = 0.039 mW/g

Maximum value of SAR (measured) = 0.0808 mW/g



0 dB = 0.0808 mW/g = -21.85 dB mW/g

#05_WLAN2.4G_802.11b_Top Side_0.5cm_Ch6

DUT: 330515

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

Medium: MSL_2450_130328 Medium parameters used: $f = 2437$ MHz; $\sigma = 1.887$ mho/m; $\epsilon_r = 51.868$; ρ

$= 1000$ kg/m³

Ambient Temperature : 22.4 °C; Liquid Temperature : 21.4 °C

DASY5 Configuration:

- Probe: ES3DV3 - SN3270; ConvF(4.17, 4.17, 4.17); Calibrated: 2012/9/28;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2012/8/27
- Phantom: ELI 4.0_Front; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

Configuration/Ch6/Area Scan (51x61x1): Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (interpolated) = 0.275 mW/g

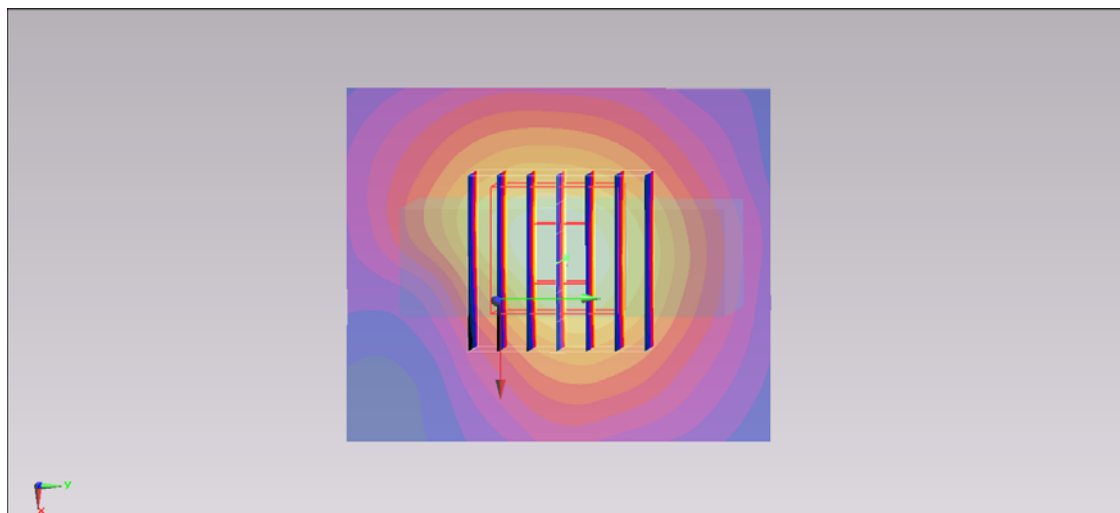
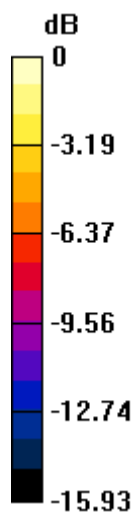
Configuration/Ch6/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 11.752 V/m; Power Drift = -0.18 dB

Peak SAR (extrapolated) = 0.435 mW/g

SAR(1 g) = 0.203 mW/g; SAR(10 g) = 0.098 mW/g

Maximum value of SAR (measured) = 0.258 mW/g



0 dB = 0.258 mW/g = -11.77 dB mW/g

#06_WLAN2.4G_802.11b_Bottom Side_0.5cm_Ch6

DUT: 330515

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

Medium: MSL_2450_130328 Medium parameters used: $f = 2437 \text{ MHz}$; $\sigma = 1.887 \text{ mho/m}$; $\epsilon_r = 51.868$; ρ

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

Ambient Temperature : $22.4 \text{ }^\circ\text{C}$; Liquid Temperature : $21.4 \text{ }^\circ\text{C}$

DASY5 Configuration:

- Probe: ES3DV3 - SN3270; ConvF(4.17, 4.17, 4.17); Calibrated: 2012/9/28;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2012/8/27
- Phantom: ELI 4.0_Front; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

Configuration/Ch6/Area Scan (51x61x1): Measurement grid: $dx=12\text{mm}$, $dy=12\text{mm}$
 Maximum value of SAR (interpolated) = 0.122 mW/g

Configuration/Ch6/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$,
 $dz=5\text{mm}$

Reference Value = 8.123 V/m ; Power Drift = -0.14 dB

Peak SAR (extrapolated) = 0.191 mW/g

SAR(1 g) = 0.095 mW/g ; SAR(10 g) = 0.050 mW/g

Maximum value of SAR (measured) = 0.121 mW/g

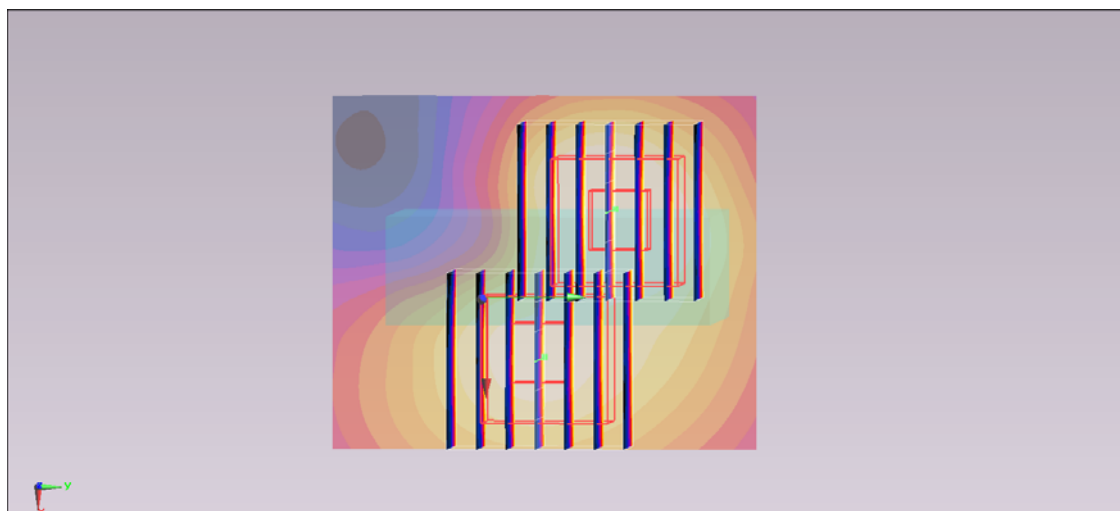
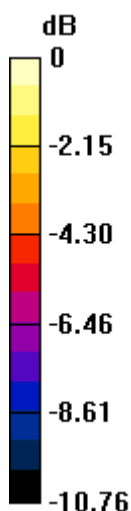
Configuration/Ch6/Zoom Scan (7x7x7)/Cube 1: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$,
 $dz=5\text{mm}$

Reference Value = 8.123 V/m ; Power Drift = -0.14 dB

Peak SAR (extrapolated) = 0.146 mW/g

SAR(1 g) = 0.074 mW/g ; SAR(10 g) = 0.041 mW/g

Maximum value of SAR (measured) = 0.0898 mW/g



$0 \text{ dB} = 0.0898 \text{ mW/g} = -20.93 \text{ dB mW/g}$

#07_WLAN2.4G_802.11g_Front_0.5cm_Ch6

DUT: 330515

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

Medium: MSL_2450_130328 Medium parameters used: $f = 2437$ MHz; $\sigma = 1.887$ mho/m; $\epsilon_r = 51.868$; ρ

$= 1000$ kg/m³

Ambient Temperature : 22.4 °C; Liquid Temperature : 21.4 °C

DASY5 Configuration:

- Probe: ES3DV3 - SN3270; ConvF(4.17, 4.17, 4.17); Calibrated: 2012/9/28;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2012/8/27
- Phantom: ELI 4.0_Front; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

Configuration/Ch6/Area Scan (61x61x1): Measurement grid: dx=12mm, dy=12mm
Maximum value of SAR (interpolated) = 0.738 mW/g

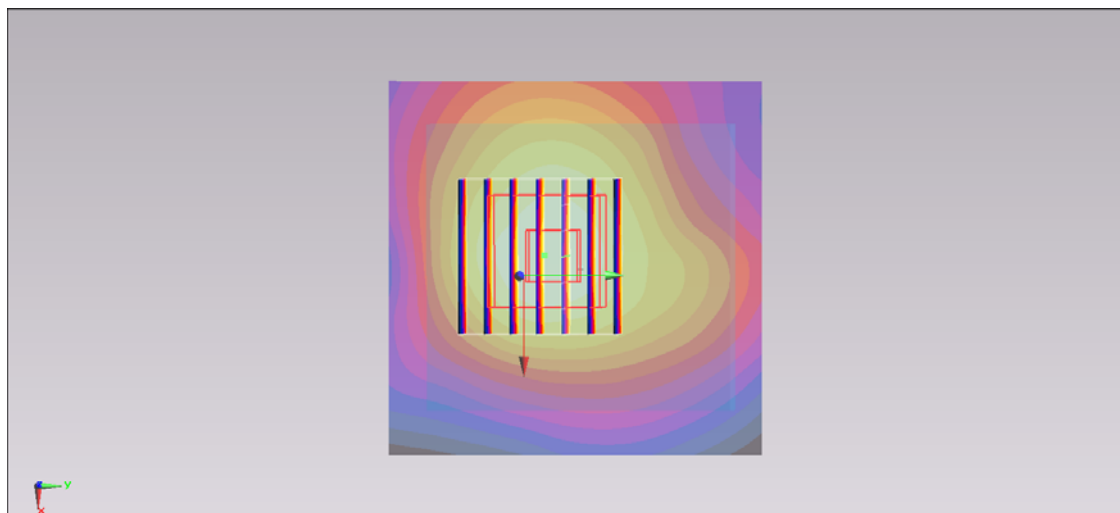
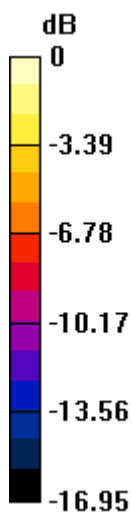
Configuration/Ch6/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 19.329 V/m; Power Drift = -0.13 dB

Peak SAR (extrapolated) = 0.942 mW/g

SAR(1 g) = 0.664 mW/g; SAR(10 g) = 0.378 mW/g

Maximum value of SAR (measured) = 0.680 mW/g



0 dB = 0.680 mW/g = -3.35 dB mW/g

#08_WLAN2.4G_802.11n-HT20_Front_0.5cm_Ch6

DUT: 330515

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

Medium: MSL_2450_130328 Medium parameters used: $f = 2437$ MHz; $\sigma = 1.887$ mho/m; $\epsilon_r = 51.868$; ρ

$= 1000$ kg/m³

Ambient Temperature : 22.4 °C; Liquid Temperature : 21.4 °C

DASY5 Configuration:

- Probe: ES3DV3 - SN3270; ConvF(4.17, 4.17, 4.17); Calibrated: 2012/9/28;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2012/8/27
- Phantom: ELI 4.0_Front; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

Configuration/Ch6/Area Scan (61x61x1): Measurement grid: dx=12mm, dy=12mm
Maximum value of SAR (interpolated) = 0.722 mW/g

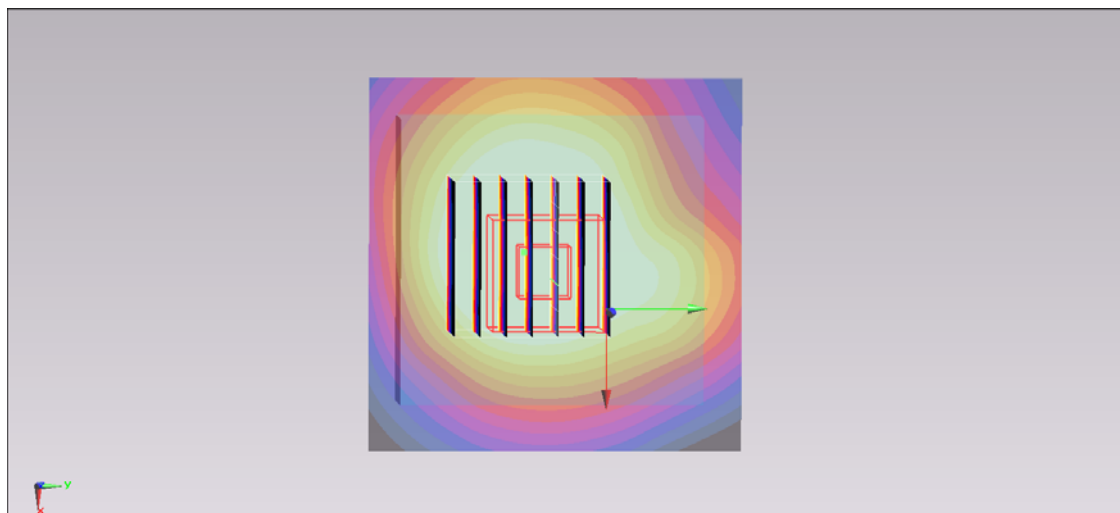
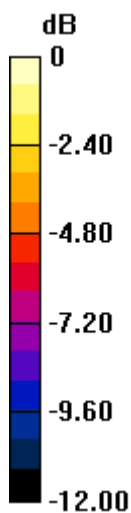
Configuration/Ch6/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 19.119 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 0.845 mW/g

SAR(1 g) = 0.627 mW/g; SAR(10 g) = 0.363 mW/g

Maximum value of SAR (measured) = 0.709 mW/g



0 dB = 0.709 mW/g = -3.49 dB mW/g