



Appendix B. Plots of SAR Measurement

The plots are shown as follows.

#01_WLAN2.4G_802.11b 1Mbps_Bottom_0cm_Ch6

DUT: 312618

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

Medium: MSL_2450_130330 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 (121x151x1): Measurement grid: dx=12mm, dy=12mm
Maximum value of SAR (interpolated) = 0.726 mW/g

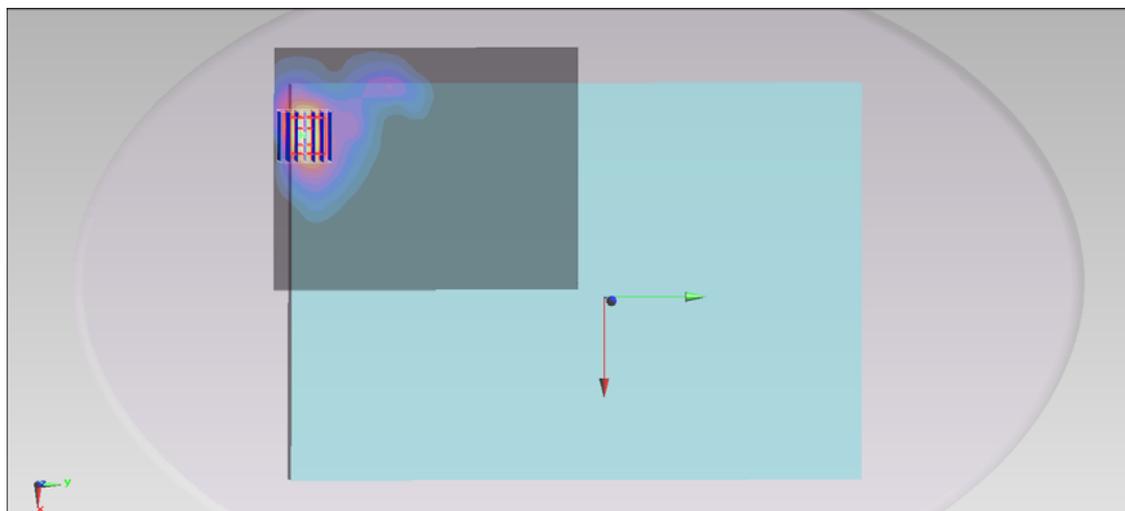
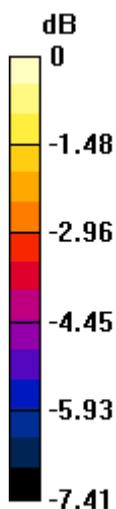
Configuration/Ch6/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm,
dz=5mm

Reference Value = 20.014 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 1.331 mW/g

SAR(1 g) = 0.584 mW/g; SAR(10 g) = 0.333 mW/g

Maximum value of SAR (measured) = 0.720 mW/g



0 dB = 0.720 mW/g = -2.85 dB mW/g