

## Appendix B. MEASUREMENT SCANS

Date: 2018.08.28

### 1.1.1 WiFi123 Body Back Side Mid

#### Medium: MSL2450

Communication System: WiFi 802.11 n; Communication System Band: Exported from older format (data unavailable - please correct).; Frequency: 2437 MHz; Duty Cycle: 1:1  
Medium parameters used (interpolated):  $f = 2437$  MHz;  $\sigma = 2.004$  mho/m;  $\epsilon_r = 50.739$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Flat Section  
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)  
DASY5 Configuration: Probe: EX3DV4 - SN3881; ConvF(7.52, 7.52, 7.52); Calibrated: 2018.07.14.;  
Electronics: DAE4 Sn876; Calibrated: 2018.03.22.

**802.11b-10mm/Faceup-Mid/Area Scan (81x81x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm  
Reference Value = 11.095 V/m; Power Drift = 0.16 dB

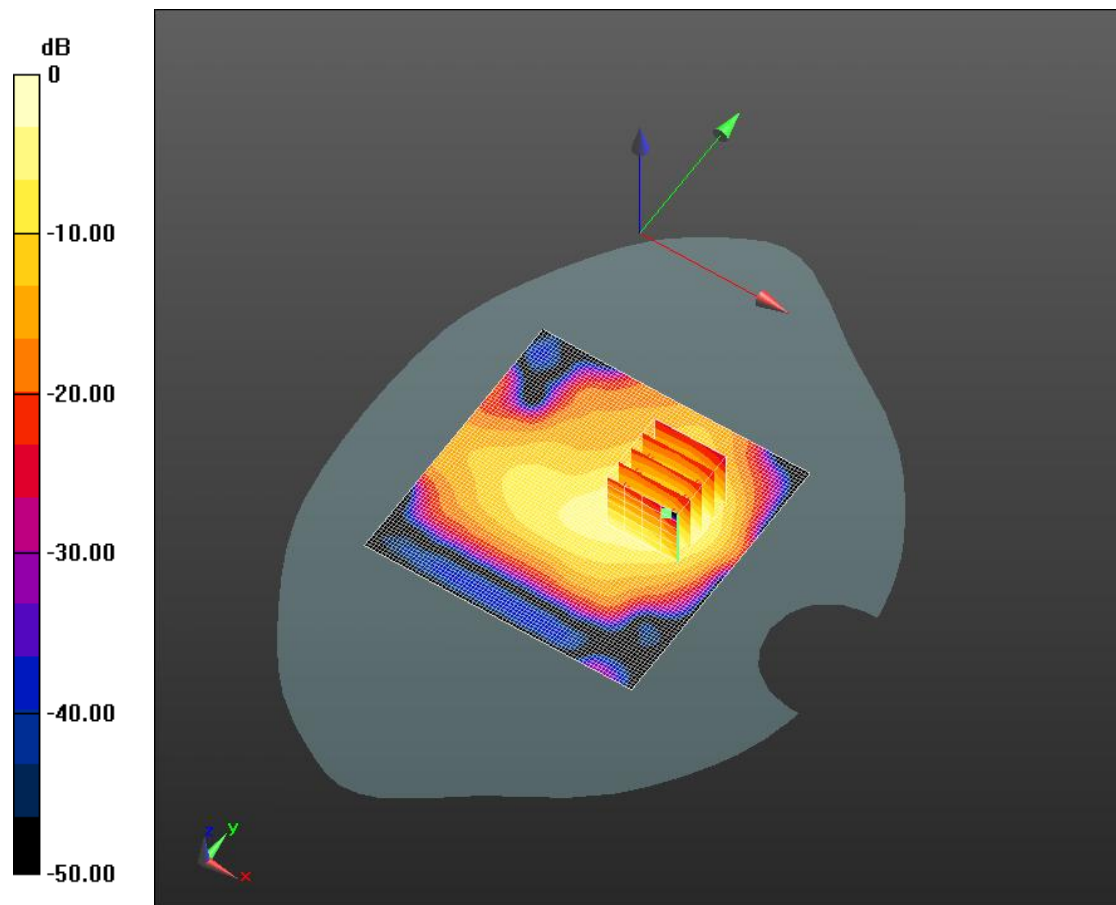
**Fast SAR: SAR(1 g) = 0.647 mW/g; SAR(10 g) = 0.304 mW/g**  
Maximum value of SAR (interpolated) = 0.784 W/kg

**802.11b-10mm/Faceup-Mid/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 11.095 V/m; Power Drift = 0.16 dB

Peak SAR (extrapolated) = 1.472 mW/g

**SAR(1 g) = 0.681 mW/g; SAR(10 g) = 0.308 mW/g**  
Maximum value of SAR (measured) = 0.751 W/kg



0 dB = 0.784 W/kg = -2.11 dB W/kg