

Test Laboratory: Compliance Certification Services Inc.

80211b Bottom Flat Atheros195 Y480 FCC

Communication System: IEEE802.11 WLAN; Frequency: 2437 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 2437 \text{ MHz}$; $\sigma = 1.92 \text{ mho/m}$; $\epsilon_r = 51.5$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

Air Temperature: 24.2 deg C; Liquid Temperature: 23.2 deg C

Area Scan Find Secondary Maximum Within 2dB and with a peak SAR value greater than 0.0012W/kg

DASY Configuration:

- Probe: EX3DV4 - SN3554; ConvF(6.18, 6.18, 6.18);;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 2011/7/26
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN: 1052
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Bottom Middle CH6/Area Scan (7x9x1):

Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Maximum value of SAR (measured) = 0.744 mW/g

Bottom Middle CH6/Zoom Scan (7x7x9)/Cube 0:

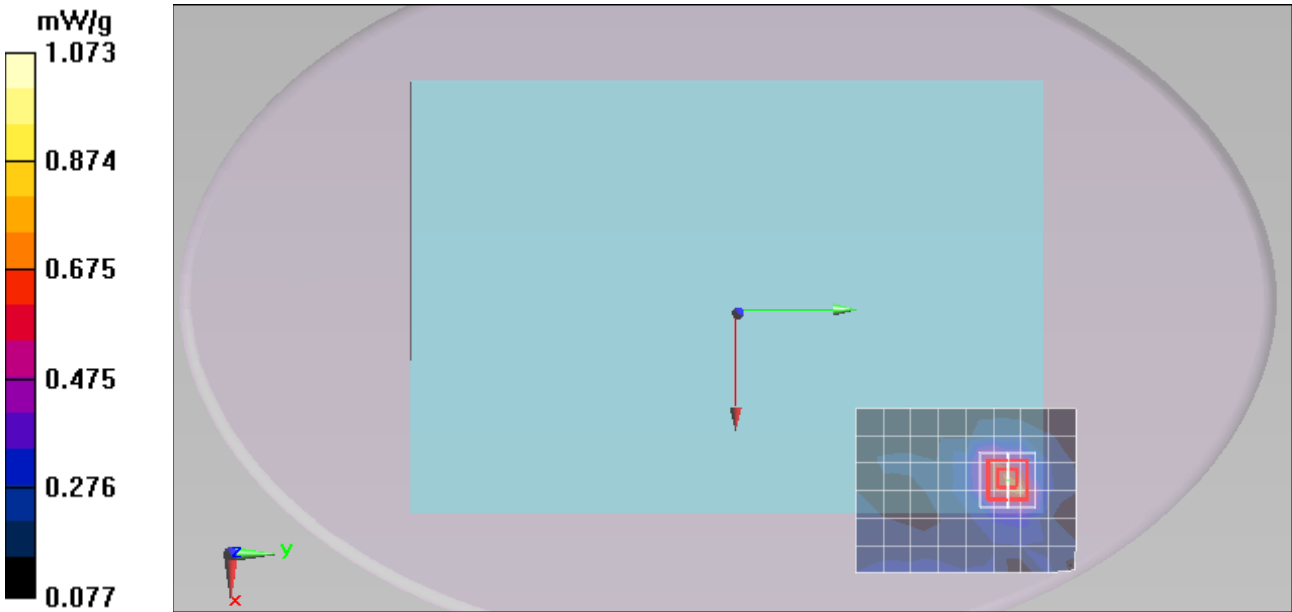
Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=3\text{mm}$

Reference Value = 10.567 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 1.5560

SAR(1 g) = 0.772 mW/g; SAR(10 g) = 0.383 mW/g

Maximum value of SAR (measured) = 1.073 mW/g



1g/10g Averaged SAR

