

## 835 MHz Body System Check

Date/Time: 11/29/2010 2:50:17 PM

DUT: Dipole 835 MHz; Type: D835V2 SN: 4d110

Medium Notes: Ambient Temp: 23.4 deg C, Fluid Temp: 23.0 deg C

Communication System: CW; ; Frequency: 835 MHz; Duty Cycle: 1:1

Medium: M850 Medium parameters used:  $f = 835$  MHz;  $\sigma = 0.93$  mho/m;  $\epsilon_r = 55.6$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

- Probe: ET3DV6 - SN1793; ConvF(6.06, 6.06, 6.06); Calibrated: 4/27/2010
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE3 Sn584; Calibrated: 4/26/2010
- Phantom: SAM with CRP; Type: SAM; Serial: TP 1310
- Measurement SW: DASY4, V4.7 Build 71; Postprocessing SW: SEMCAD, V1.8 Build 184

**Area Scan (81x201x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 2.73 mW/g

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

Reference Value = 55.6 V/m; Power Drift = -0.147 dB

Peak SAR (extrapolated) = 4.00 W/kg

**SAR(1 g) = 2.59 mW/g; SAR(10 g) = 1.7 mW/g**

Maximum value of SAR (measured) = 2.82 mW/g

