

## **System Check\_Body\_1900MHz\_101109**

### **DUT: Dipole 1900 MHz**

Communication System: CW; Frequency: 1900 MHz; Duty Cycle: 1:1

Medium: MSL\_1900\_101109 Medium parameters used:  $f = 1900$  MHz;  $\sigma = 1.51$  mho/m;  $\epsilon_r = 51.9$ ;  $\rho = 1000$

kg/m<sup>3</sup>

Ambient Temperature : 22.4 ; Liquid Temperature : 21.4

#### **DASY5 Configuration:**

- Probe: ET3DV6 - SN1787; ConvF(4.47, 4.47, 4.47); Calibrated: 2010/5/18
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2010/8/18
- Phantom: SAM - Front; Type: SAM; Serial: TP-1446
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

**Pin=100mW/Area Scan (61x61x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 5.04 mW/g

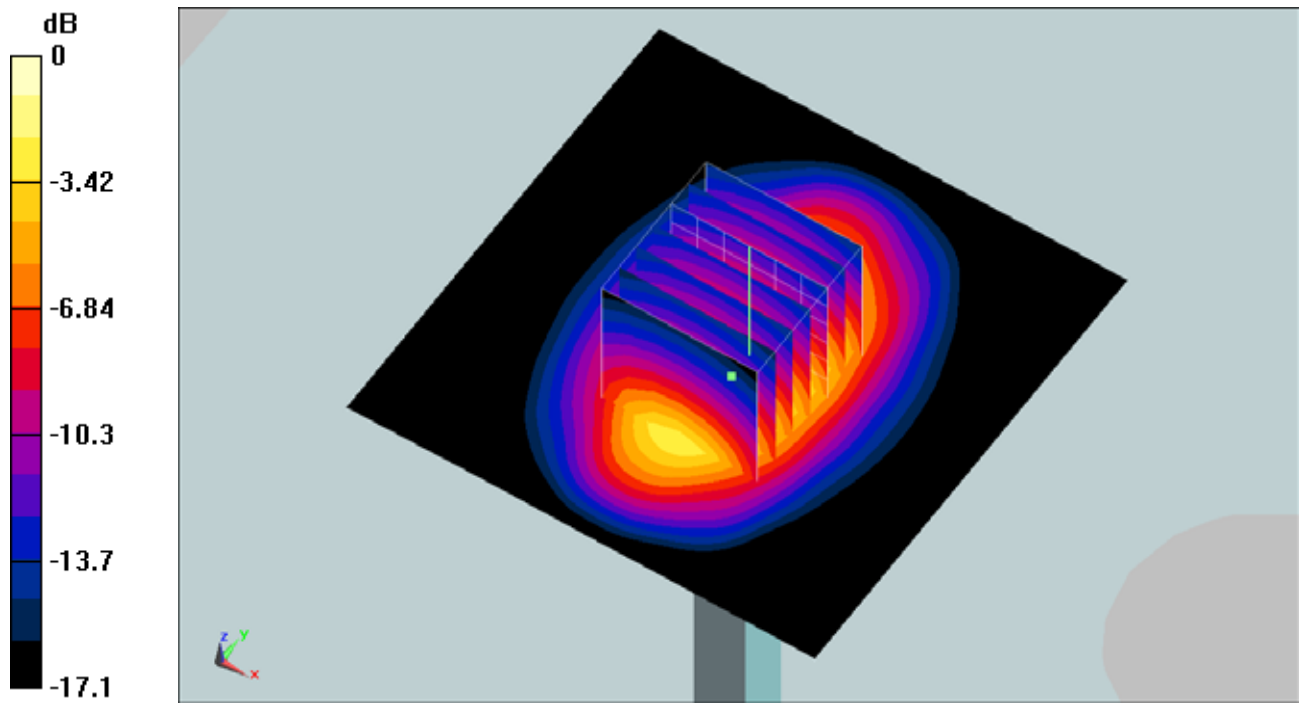
**Pin=100mW/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 59.3 V/m; Power Drift = -0.00489 dB

Peak SAR (extrapolated) = 6.32 W/kg

**SAR(1 g) = 4.08 mW/g; SAR(10 g) = 2.22 mW/g**

Maximum value of SAR (measured) = 4.67 mW/g



0 dB = 4.67mW/g