

## **System Check\_Body\_2450MHz\_100520**

### **DUT: Dipole 2450 MHz**

Communication System: CW; Frequency: 2450 MHz; Duty Cycle: 1:1

Medium: MSL\_2450\_100520 Medium parameters used:  $f = 2450$  MHz;  $\sigma = 2.02$  mho/m;  $\epsilon_r = 53.8$ ;  $\rho = 1000$

kg/m<sup>3</sup>

Ambient Temperature : 22.6 ; Liquid Temperature : 21.6

#### **DASY5 Configuration:**

- Probe: ET3DV6 - SN1788; ConvF(4.19, 4.19, 4.19); Calibrated: 2009/9/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2009/9/18
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1029
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

**Pin=100mW/Area Scan (91x91x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 5.5 mW/g

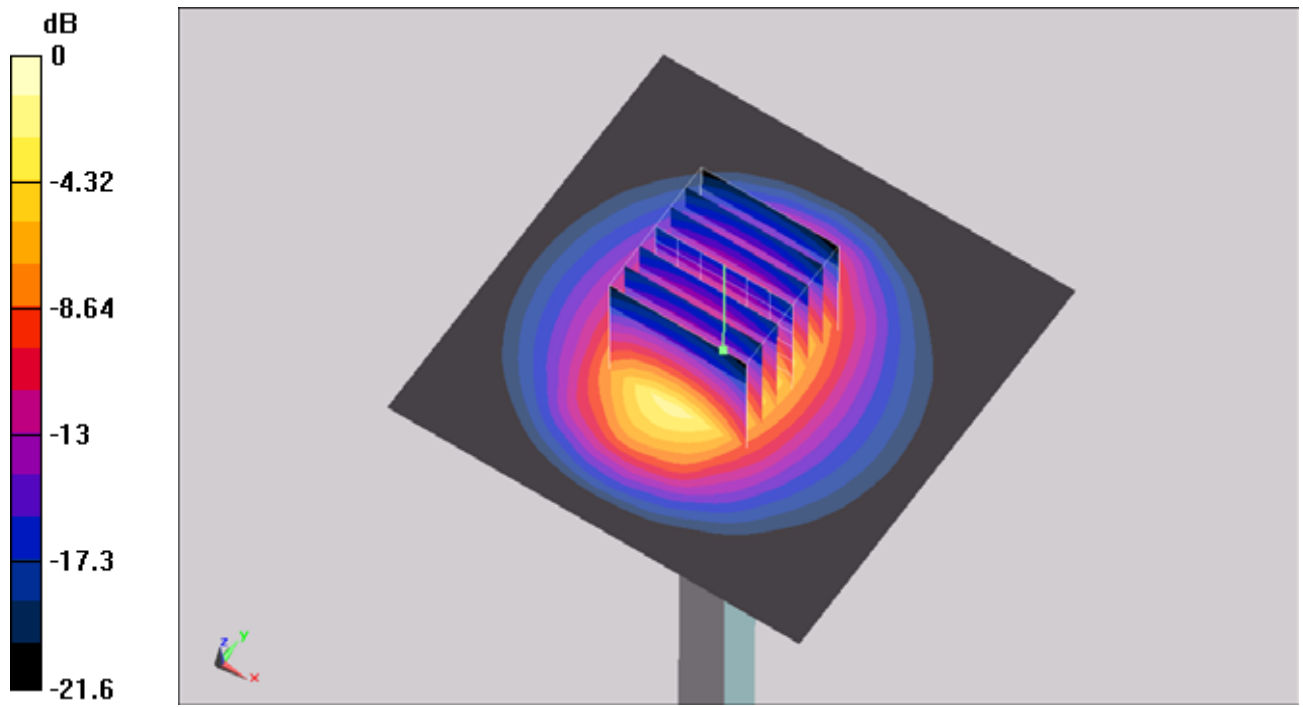
**Pin=100mW/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 53.1 V/m; Power Drift = 0.010 dB

Peak SAR (extrapolated) = 10.9 W/kg

**SAR(1 g) = 4.81 mW/g; SAR(10 g) = 2.23 mW/g**

Maximum value of SAR (measured) = 5.36 mW/g



0 dB = 5.36mW/g

## System Check\_Body\_5500MHz\_100524

### DUT: Dipole 5GHz

Communication System: CW; Frequency: 5500 MHz; Duty Cycle: 1:1

Medium: MSL\_5G\_100524 Medium parameters used:  $f = 5500$  MHz;  $\sigma = 5.49$  mho/m;  $\epsilon_r = 47$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 22.5 °C; Liquid Temperature : 21.4 °C

DASY4 Configuration:

- Probe: EX3DV3 - SN3514; ConvF(3.86, 3.86, 3.86); Calibrated: 2010/1/26
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2009/8/24
- Phantom: ELI 4.0\_Front; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Pin=100mW/Area Scan (91x91x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 13.7 mW/g

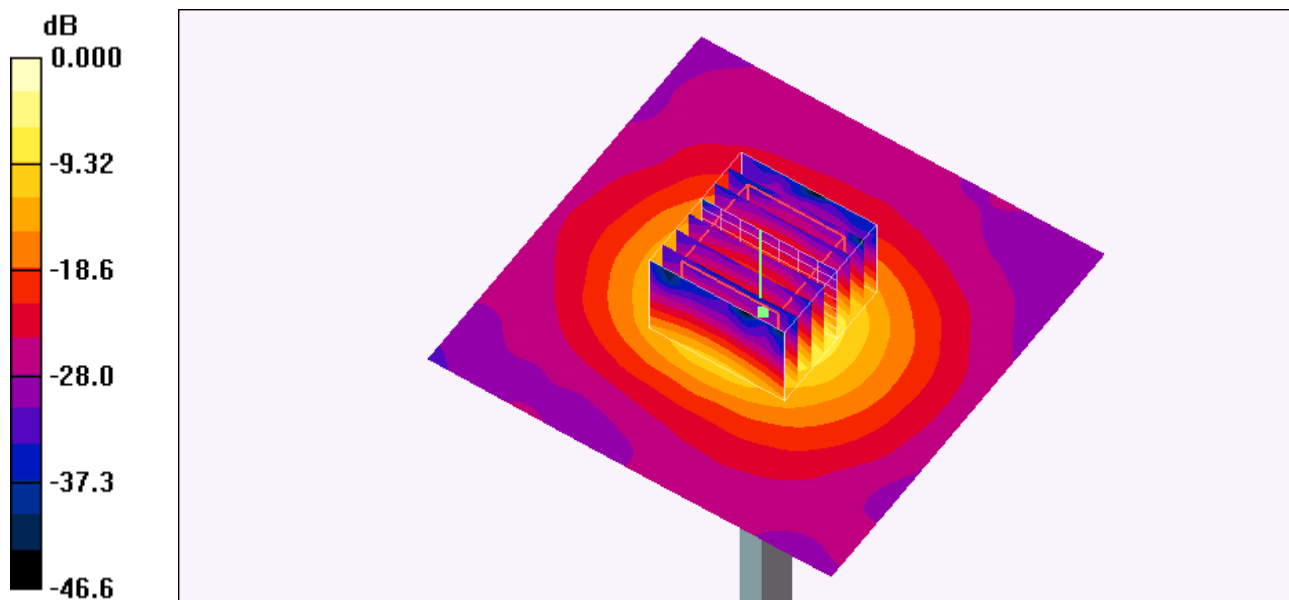
**Pin=100mW/Zoom Scan (8x8x8)/Cube 0:** Measurement grid: dx=4.3mm, dy=4.3mm, dz=3mm

Reference Value = 55.3 V/m; Power Drift = -0.009 dB

Peak SAR (extrapolated) = 29.5 W/kg

**SAR(1 g) = 7.88 mW/g; SAR(10 g) = 2.21 mW/g**

Maximum value of SAR (measured) = 13.2 mW/g



0 dB = 13.2mW/g