

## System Check\_835MHz\_091005

### DUT: Dipole 835 MHz

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

Medium: MSL\_850\_091005 Medium parameters used:  $f = 835$  MHz;  $\sigma = 0.984$  mho/m;  $\epsilon_r = 54.5$ ;  $\rho = 1000$

kg/m<sup>3</sup>

Ambient Temperature : 22.3 ; Liquid Temperature : 21.3

#### DASY5 Configuration:

- Probe: ES3DV3 - SN3071; ConvF(5.59, 5.59, 5.59); Calibrated: 2009/6/22
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn679; Calibrated: 2009/6/23
- 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 (61x61x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.03 mW/g

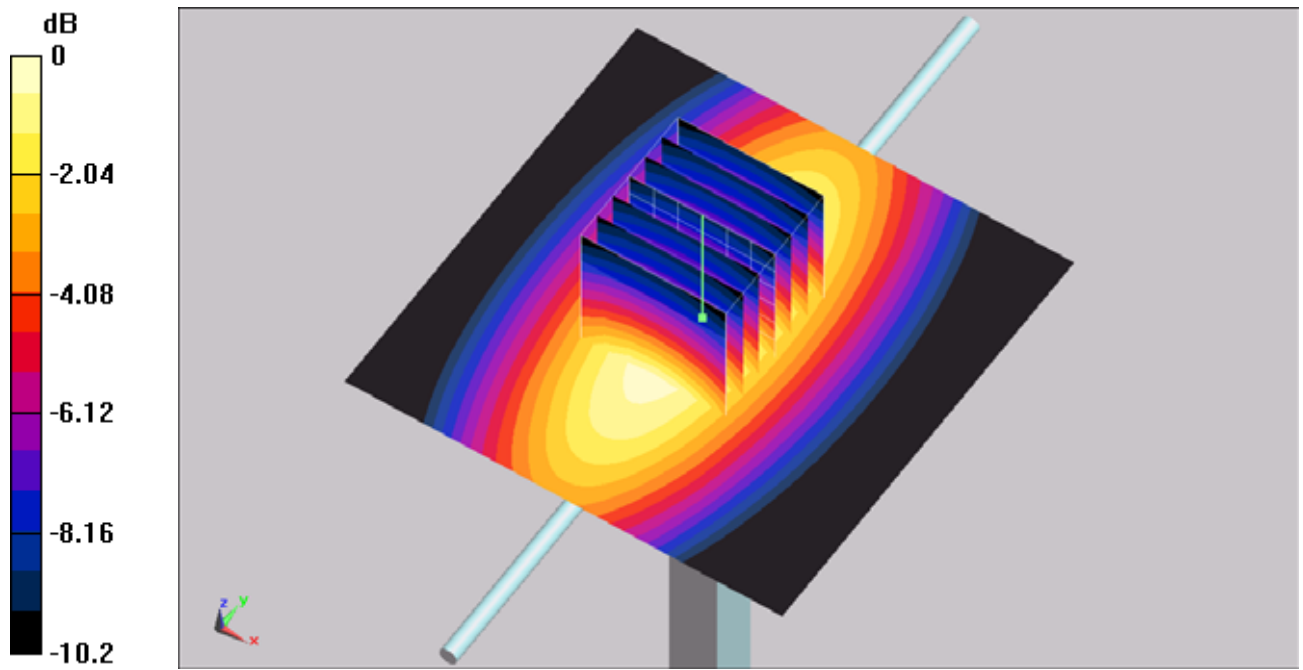
**Pin=100mW/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 32.7 V/m; Power Drift = 0.017 dB

Peak SAR (extrapolated) = 1.37 W/kg

**SAR(1 g) = 0.952 mW/g; SAR(10 g) = 0.626 mW/g**

Maximum value of SAR (measured) = 1.03 mW/g



0 dB = 1.03mW/g

## System Check\_1900MHz\_091005

### DUT: Dipole 1900 MHz

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

Medium: MSL\_1900\_091005 Medium parameters used:  $f = 1900$  MHz;  $\sigma = 1.54$  mho/m;  $\epsilon_r = 52.3$ ;  $\rho = 1000$

kg/m<sup>3</sup>

Ambient Temperature : 22.6 ; Liquid Temperature : 21.5

DASY5 Configuration:

- Probe: ES3DV3 - SN3071; ConvF(4.26, 4.26, 4.26); Calibrated: 2009/6/22
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn679; Calibrated: 2009/6/23
- 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) = 5.45 mW/g

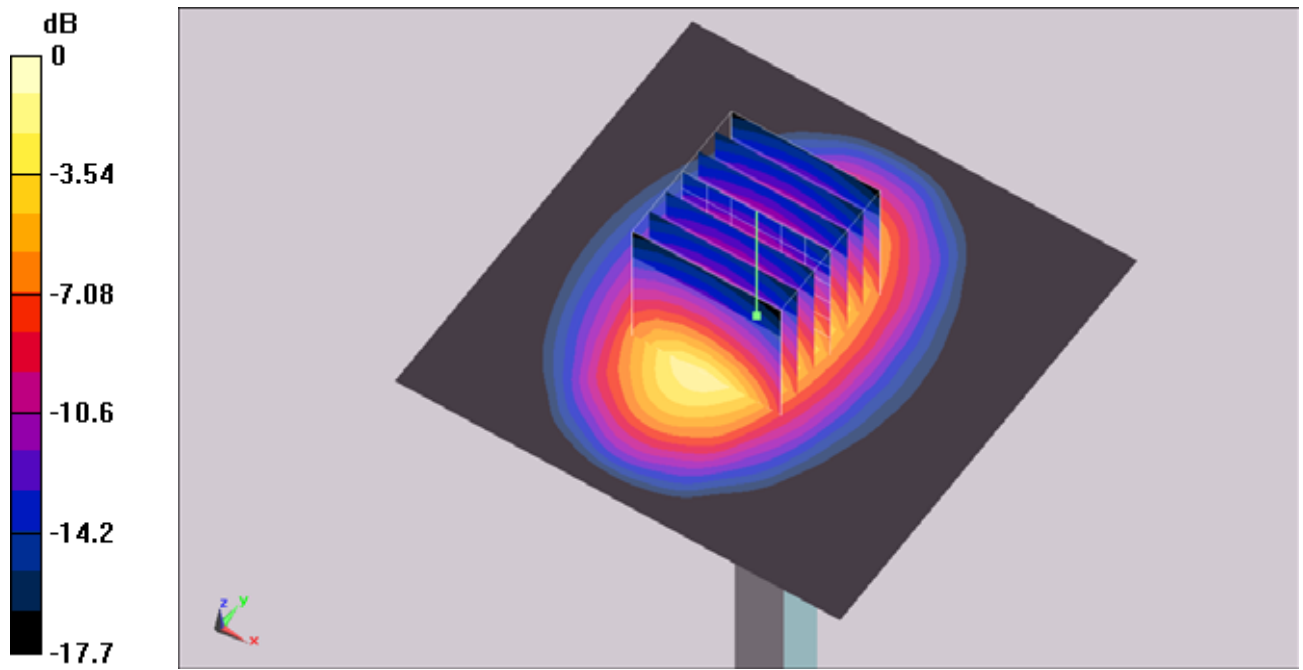
**Pin=100mW/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 59.6 V/m; Power Drift = -0.145 dB

Peak SAR (extrapolated) = 7.3 W/kg

**SAR(1 g) = 4.27 mW/g; SAR(10 g) = 2.21 mW/g**

Maximum value of SAR (measured) = 4.97 mW/g



0 dB = 4.97mW/g