**System Check_Head_835MHz_101025**

**DUT: Dipole 835 MHz**

Communication System: CW; Frequency: 835 MHz;Duty Cycle: 1:1
Medium: HSL_835_101025 Medium parameters used: f = 835 MHz; $\sigma$ = 0.92 mho/m; $\varepsilon_r$ = 42.2; $\rho$ =

1000 kg/m$^3$
Ambient Temperature : 23.5 $^{\circ}$C;  Liquid Temperature : 21.4 $^{\circ}$C

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(8.32, 8.32, 8.32); Calibrated: 11/23/2009
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2009/11/16
- Phantom: SAM1; Type: SAM; Serial: TP-1477
- Measurement SW : DASY5, V5.2 Build 162; SEMCAD X Version 14.0 Build 57

**Pin=100mW/Area Scan (61x61x1):** Measurement grid: dx=15mm, dy=15mm
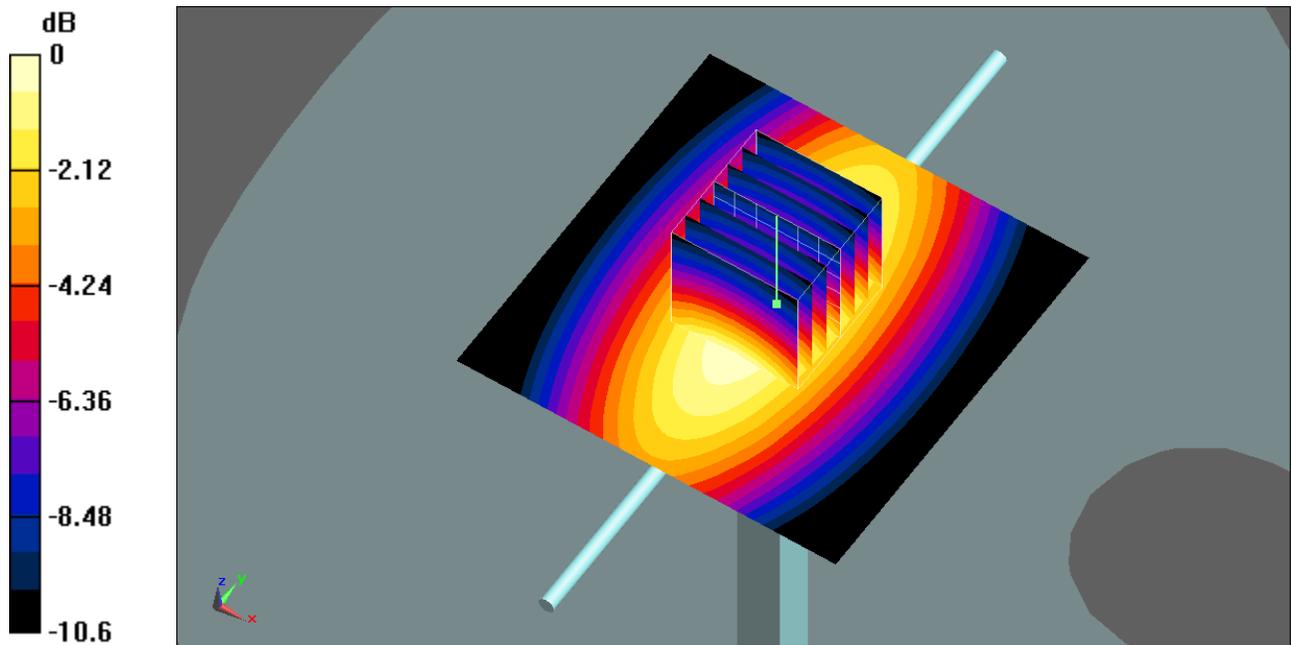Maximum value of SAR (interpolated) = 0.998 mW/g

**Pin=100mW/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 33.7 V/m; Power Drift = -0.082 dB
Peak SAR (extrapolated) = 1.38 W/kg
**SAR(1 g) = 0.911 mW/g; SAR(10 g) = 0.595 mW/g**
Maximum value of SAR (measured) = 0.983 mW/g

0 dB = 0.983mW/g

**System Check_Body_835MHz_101026**

**DUT: Dipole 835 MHz**

Communication System: CW; Frequency: 835 MHz;Duty Cycle: 1:1
Medium: MSL_835_101026 Medium parameters used: f = 835 MHz; σ = 0.97 mho/m; $\varepsilon_r$ = 56.5; ρ =

1000 kg/m$^3$
Ambient Temperature : 23.3 °C;  Liquid Temperature : 21.2 °C

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(8.22, 8.22, 8.22); Calibrated: 11/23/2009
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2009/11/16
- Phantom: SAM1; Type: SAM; Serial: TP-1477
- Measurement SW : DASY5, V5.2 Build 162; SEMCAD X Version 14.0 Build 57

**Pin=100mW/Area Scan (61x61x1):** Measurement grid: dx=15mm, dy=15mm
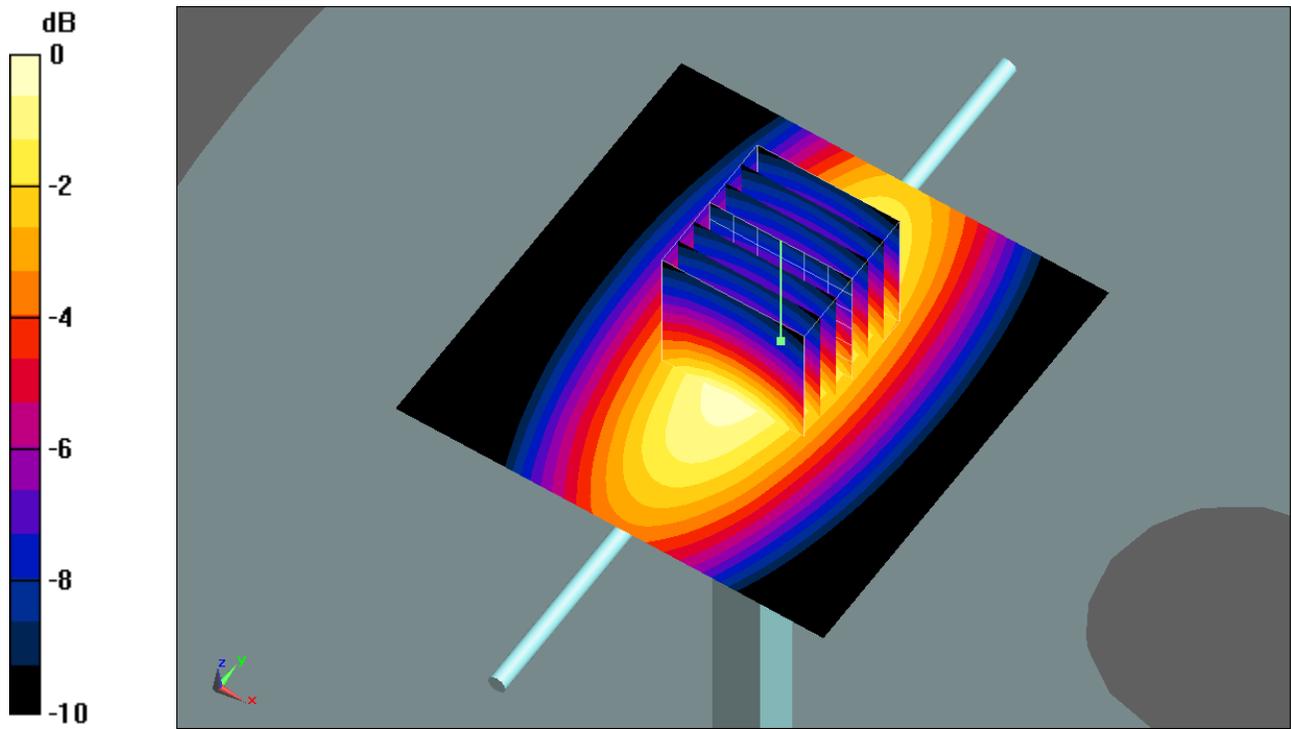Maximum value of SAR (interpolated) = 1.04 mW/g

**Pin=100mW/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 32.3 V/m; Power Drift = -0.00103 dB
Peak SAR (extrapolated) = 1.43 W/kg
**SAR(1 g) = 0.965 mW/g; SAR(10 g) = 0.637 mW/g**
Maximum value of SAR (measured) = 1.04 mW/g

0 dB = 1.04mW/g