System Check_Head_835MHz_101207

DUT: Dipole 835 MHz

Communication System: CW; Frequency: 835 MHz;Duty Cycle: 1:1
Medium: HSL_835_101207 Medium parameters used: f = 835 MHz; σ = 0.913 mho/m; ε_r = 40.9; ρ =

1000 kg/m^3
Ambient Temperature : 23.6 $^\circ$C; Liquid Temperature : 21.5 $^\circ$C

DASY5 Configuration:
- Probe: ES3DV3 - SN3071; ConvF(5.81, 5.81, 5.81); Calibrated: 6/22/2010
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn905; Calibrated: 2010/06/22
- 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

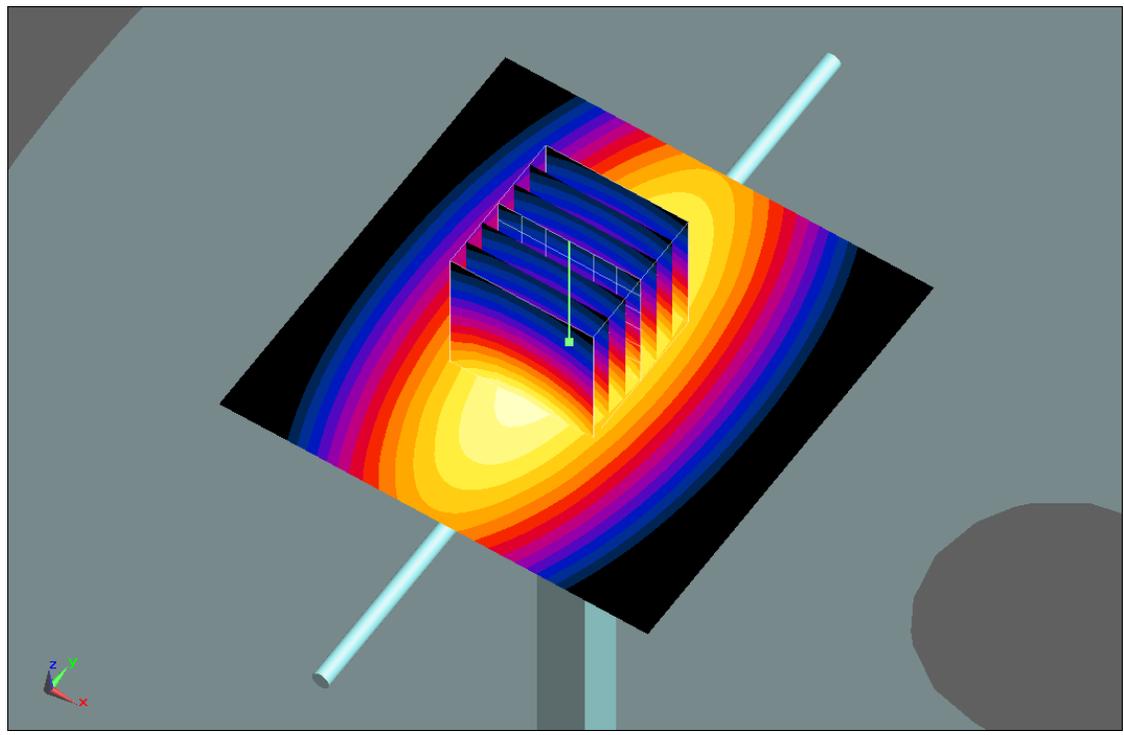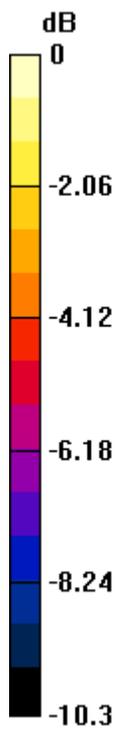**Pin=100mW/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 34 V/m; Power Drift = 0.00159 dB
Peak SAR (extrapolated) = 1.46 W/kg
SAR(1 g) = 0.963 mW/g; SAR(10 g) = 0.629 mW/g
Maximum value of SAR (measured) = 1.04 mW/g

0 dB = 1.04mW/g

System Check_Body_835MHz_101207

DUT: Dipole 835 MHz

Communication System: CW; Frequency: 835 MHz;Duty Cycle: 1:1
Medium: MSL_835_101207 Medium parameters used: f = 835 MHz; σ = 0.971 mho/m; ε_r = 56.3; ρ =

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

DASY5 Configuration:
- Probe: ES3DV3 - SN3071; ConvF(5.79, 5.79, 5.79); Calibrated: 6/22/2010
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn905; Calibrated: 2010/06/22
- 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) = 1.09 mW/g

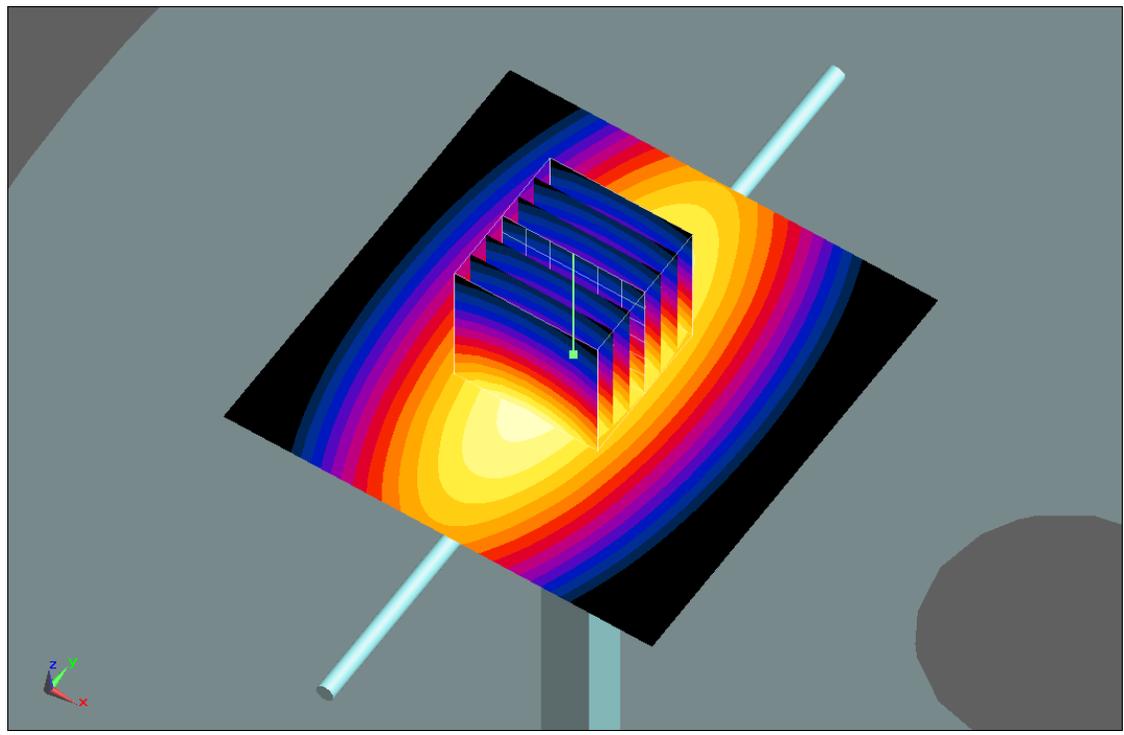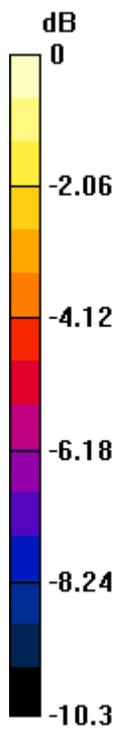# Pin=100mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 33.8 V/m; Power Drift = -0.00487 dB
Peak SAR (extrapolated) = 1.5 W/kg
SAR(1 g) = 1 mW/g; SAR(10 g) = 0.656 mW/g
Maximum value of SAR (measured) = 1.08 mW/g

0 dB = 1.08mW/g

System Check_Head_1900MHz_101207

DUT: Dipole 1900 MHz

Communication System: CW; Frequency: 1900 MHz;Duty Cycle: 1:1
Medium: HSL_1900_101207 Medium parameters used: f = 1900 MHz; σ = 1.43 mho/m; ε_r = 41.2; ρ = 1000 kg/m^3
Ambient Temperature : 23.5 °C; Liquid Temperature : 21.3 °C

DASY5 Configuration:
- Probe: ES3DV3 - SN3071; ConvF(4.73, 4.73, 4.73); Calibrated: 6/22/2010
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn905; Calibrated: 2010/06/22
- Phantom: SAM2; Type: SAM; Serial: TP-1479
- Measurement SW : DASY5, V5.2 Build 162; SEMCAD X Version 14.0 Build 57

Pin=100mW/Area Scan (91x91x1): Measurement grid: dx=10mm, dy=10mm
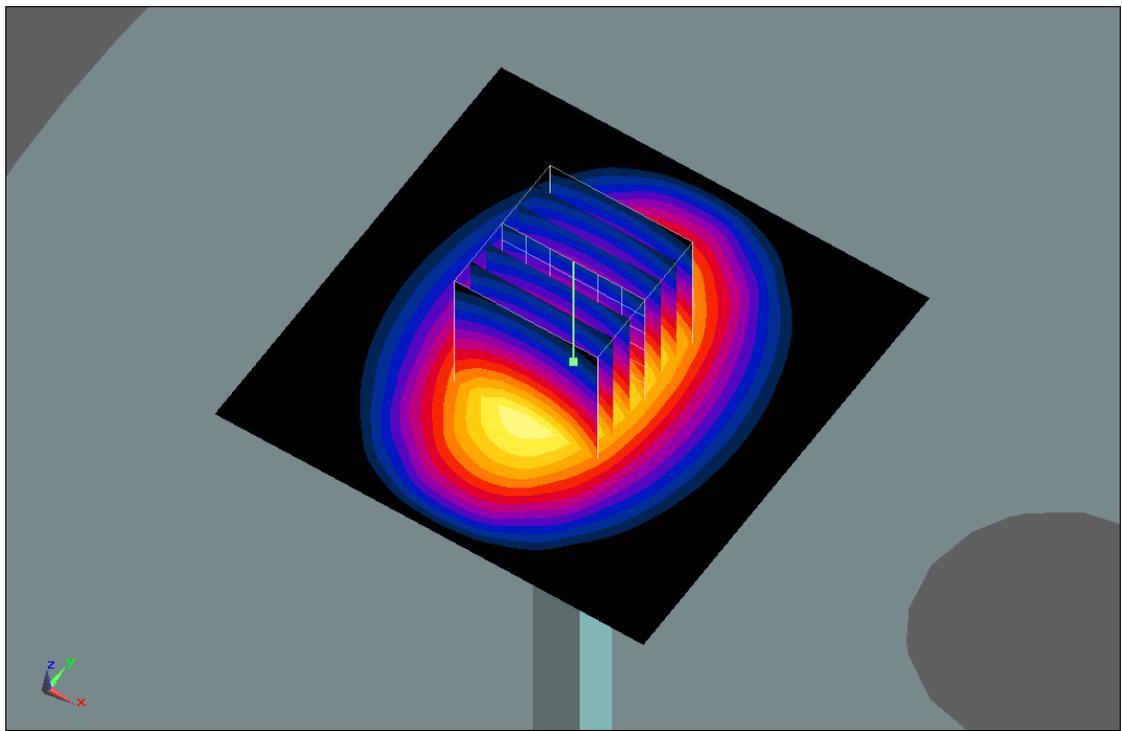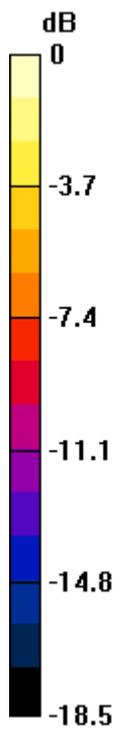Maximum value of SAR (interpolated) = 4.57 mW/g

Pin=100mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 57.1 V/m; Power Drift = -0.040 dB
Peak SAR (extrapolated) = 7.92 W/kg
SAR(1 g) = 4.04 mW/g; SAR(10 g) = 2.04 mW/g
Maximum value of SAR (measured) = 4.55 mW/g

0 dB = 4.55mW/g

System Check_Body_1900MHz_101207

DUT: Dipole 1900 MHz

Communication System: CW; Frequency: 1900 MHz;Duty Cycle: 1:1
Medium: MSL_1900_101207 Medium parameters used: f = 1900 MHz; σ = 1.53 mho/m; ε_r = 54; ρ =

1000 kg/m^3
Ambient Temperature : 23.4 $^\circ$C; Liquid Temperature : 21.3 $^\circ$C

DASY5 Configuration:
- Probe: ES3DV3 - SN3071; ConvF(4.3, 4.3, 4.3); Calibrated: 6/22/2010
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn905; Calibrated: 2010/06/22
- Phantom: SAM2; Type: SAM; Serial: TP-1479
- 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
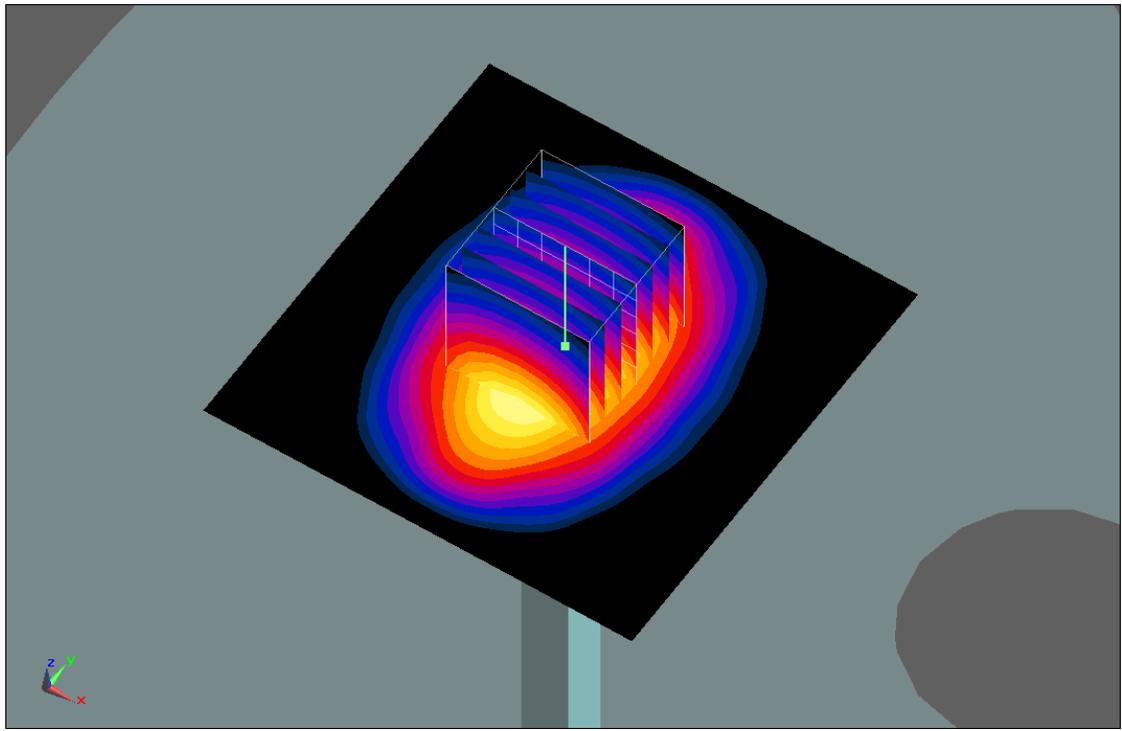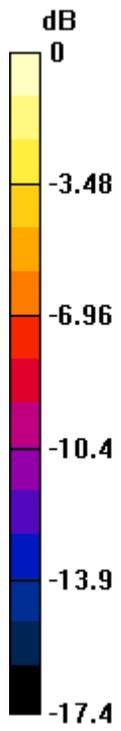Maximum value of SAR (interpolated) = 4.42 mW/g

Pin=100mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 55.3 V/m; Power Drift = -0.022 dB
Peak SAR (extrapolated) = 7.07 W/kg
SAR(1 g) = 3.89 mW/g; SAR(10 g) = 2.02 mW/g
Maximum value of SAR (measured) = 4.4 mW/g

0 dB = 4.4mW/g