System Check_Body_835MHz_100819

DUT: Dipole 835 MHz

Communication System: CW; Frequency: 835 MHz;Duty Cycle: 1:1
Medium: MSL_850_100819 Medium parameters used: f = 835 MHz; σ = 1.01 mho/m; ε_r = 57.7; ρ =

1000 kg/m^3
Ambient Temperature : 23.6 $^\circ$C; Liquid Temperature : 21.5 $^\circ$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
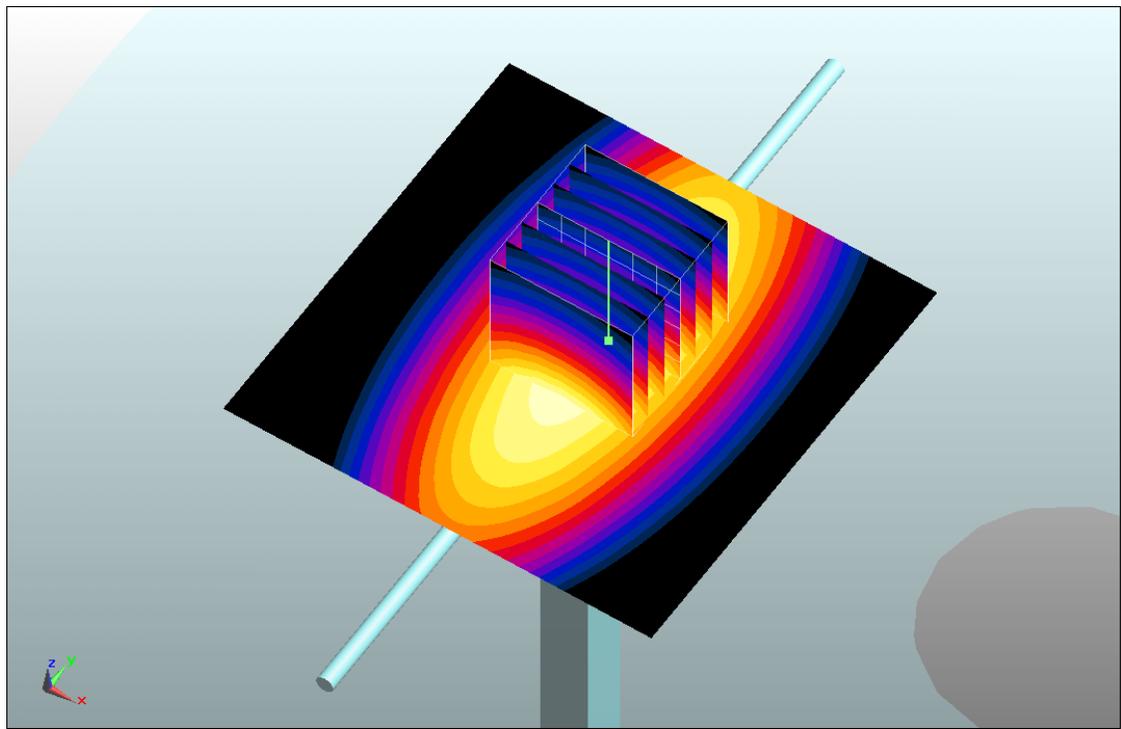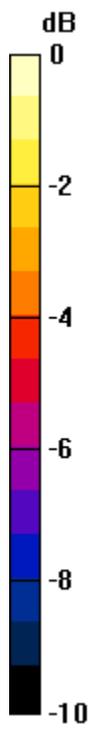Maximum value of SAR (interpolated) = 1.09 mW/g

Pin=100mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 32.5 V/m; Power Drift = -0.00325 dB
Peak SAR (extrapolated) = 1.5 W/kg
SAR(1 g) = 1.01 mW/g; SAR(10 g) = 0.666 mW/g
Maximum value of SAR (measured) = 1.09 mW/g

0 dB = 1.09mW/g

System Check_Body_835MHz_100830

DUT: Dipole 835 MHz

Communication System: CW; Frequency: 835 MHz; Duty Cycle: 1:1
Medium: MSL_850_100830 Medium parameters used: f = 835 MHz; σ = 0.971 mho/m; ε_r = 56.3; ρ =

1000 kg/m^3
Ambient Temperature : 23.6 $^{\circ}$C; Liquid Temperature : 21.4 $^{\circ}$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: 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
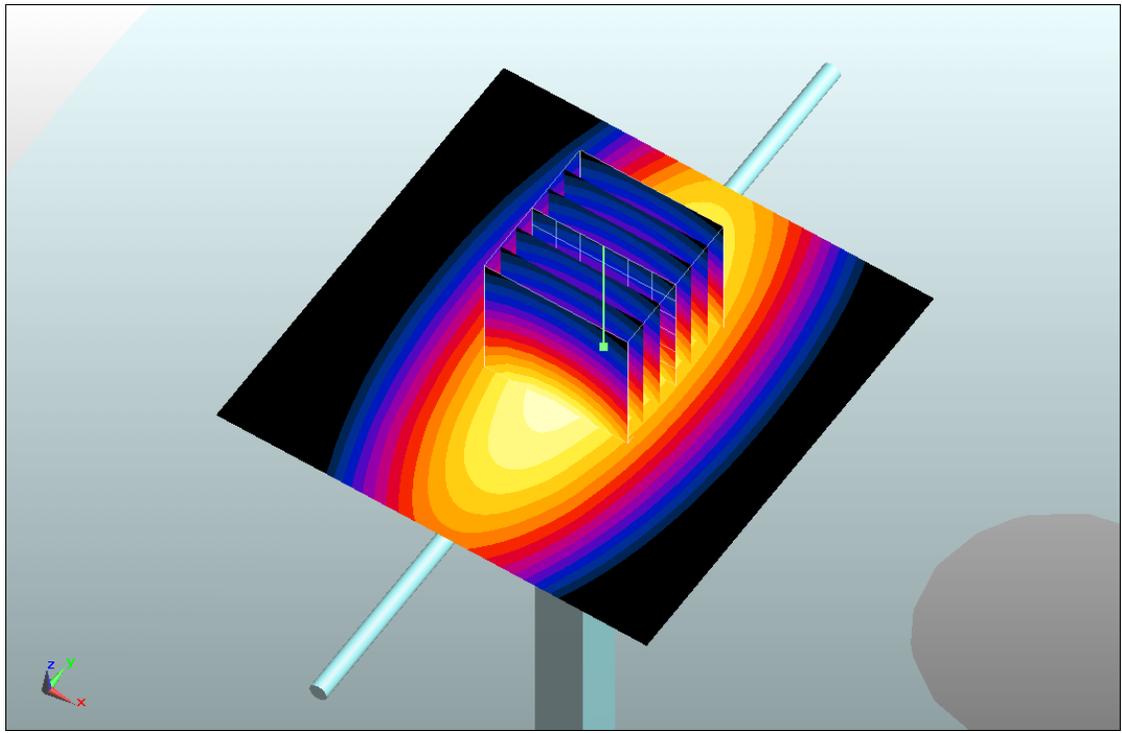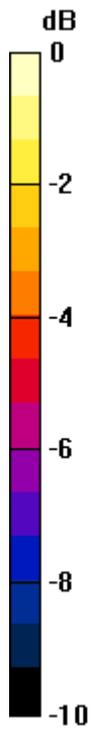Maximum value of SAR (interpolated) = 1.01 mW/g

Pin=100mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 31.8 V/m; Power Drift = -0.092 dB
Peak SAR (extrapolated) = 1.39 W/kg
SAR(1 g) = 0.934 mW/g; SAR(10 g) = 0.617 mW/g
Maximum value of SAR (measured) = 1.01 mW/g

0 dB = 1.01mW/g

System Check_Body_1900MHz_100819

DUT: Dipole 1900 MHz

Communication System: CW; Frequency: 1900 MHz;Duty Cycle: 1:1
Medium: MSL_1900_100819 Medium parameters used: f = 1900 MHz; σ = 1.53 mho/m; ε_r = 54.9; ρ =

1000 kg/m^3
Ambient Temperature : 23.7 $^\circ$C; Liquid Temperature : 21.6 $^\circ$C

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(7.04, 7.04, 7.04); Calibrated: 11/23/2009
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2009/11/16
- 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
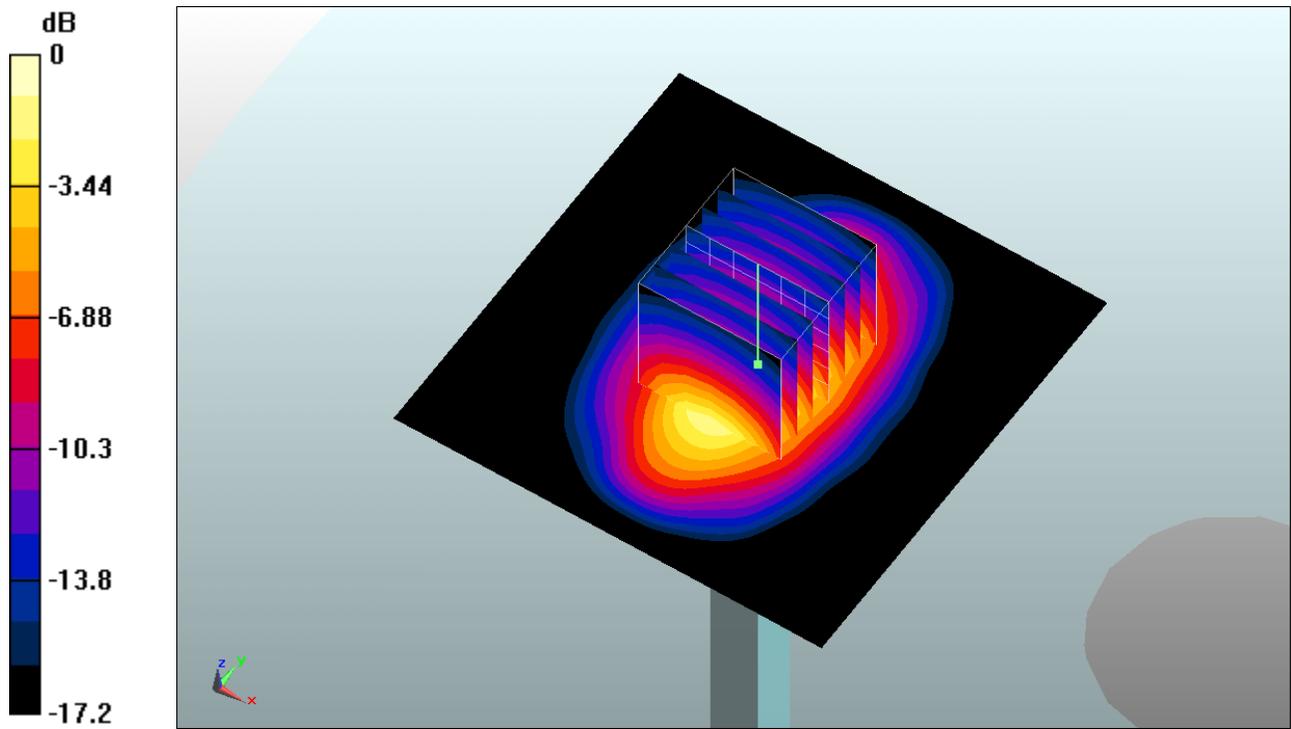Maximum value of SAR (interpolated) = 4.28 mW/g

Pin=100mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 52.3 V/m; Power Drift = -0.012 dB
Peak SAR (extrapolated) = 7.07 W/kg
SAR(1 g) = 3.77 mW/g; SAR(10 g) = 1.93 mW/g
Maximum value of SAR (measured) = 4.29 mW/g

0 dB = 4.29mW/g

System Check_Body_1900MHz_100830

DUT: Dipole 1900 MHz

Communication System: CW; Frequency: 1900 MHz;Duty Cycle: 1:1
Medium: MSL_1900_100830 Medium parameters used: f = 1900 MHz; σ = 1.58 mho/m; ε_r = 54.6; ρ =

1000 kg/m^3
Ambient Temperature : 23.6 $^\circ$C; Liquid Temperature : 21.4 $^\circ$C

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(7.04, 7.04, 7.04); 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
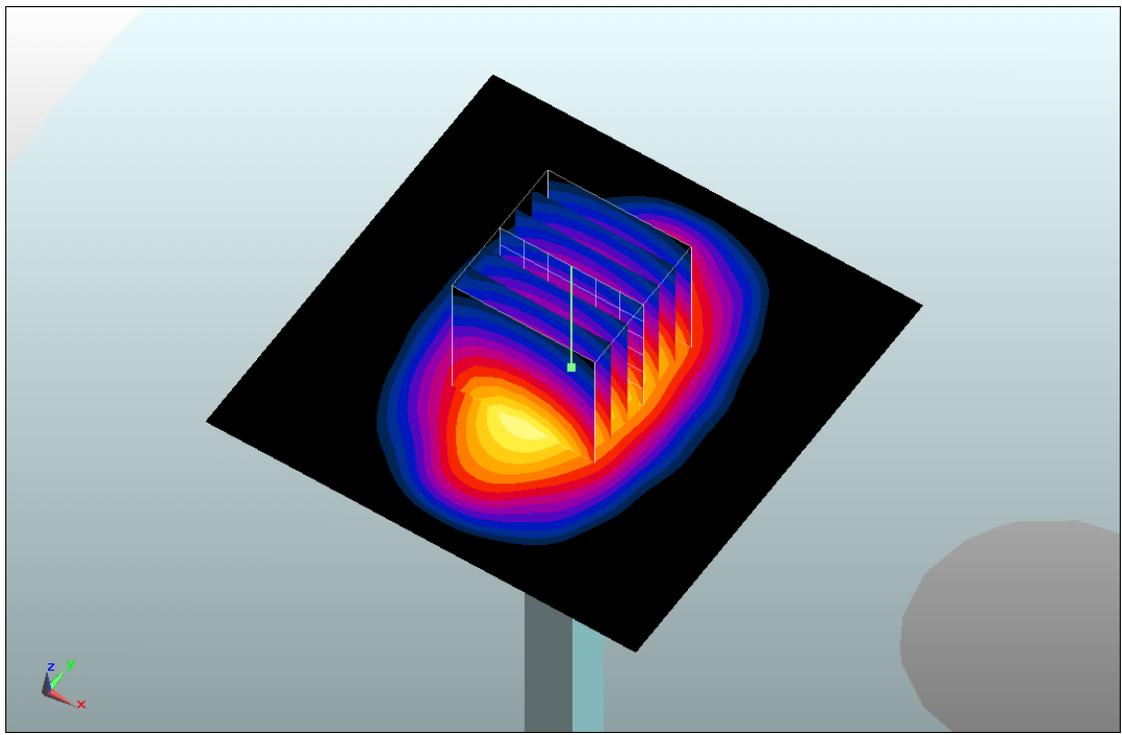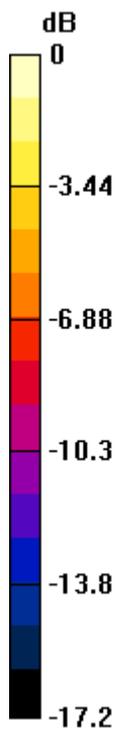Maximum value of SAR (interpolated) = 4.78 mW/g

Pin=100mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 54.5 V/m; Power Drift = -0.00135 dB
Peak SAR (extrapolated) = 7.89 W/kg
SAR(1 g) = 4.19 mW/g; SAR(10 g) = 2.15 mW/g
Maximum value of SAR (measured) = 4.77 mW/g

0 dB = 4.77mW/g