System Check_Head_835MHz_100723

DUT: Dipole 835 MHz

Communication System: CW; Frequency: 835 MHz;Duty Cycle: 1:1
Medium: HSL_850_100723 Medium parameters used: f = 835 MHz; σ = 0.929 mho/m; ε_r = 41.8; ρ =
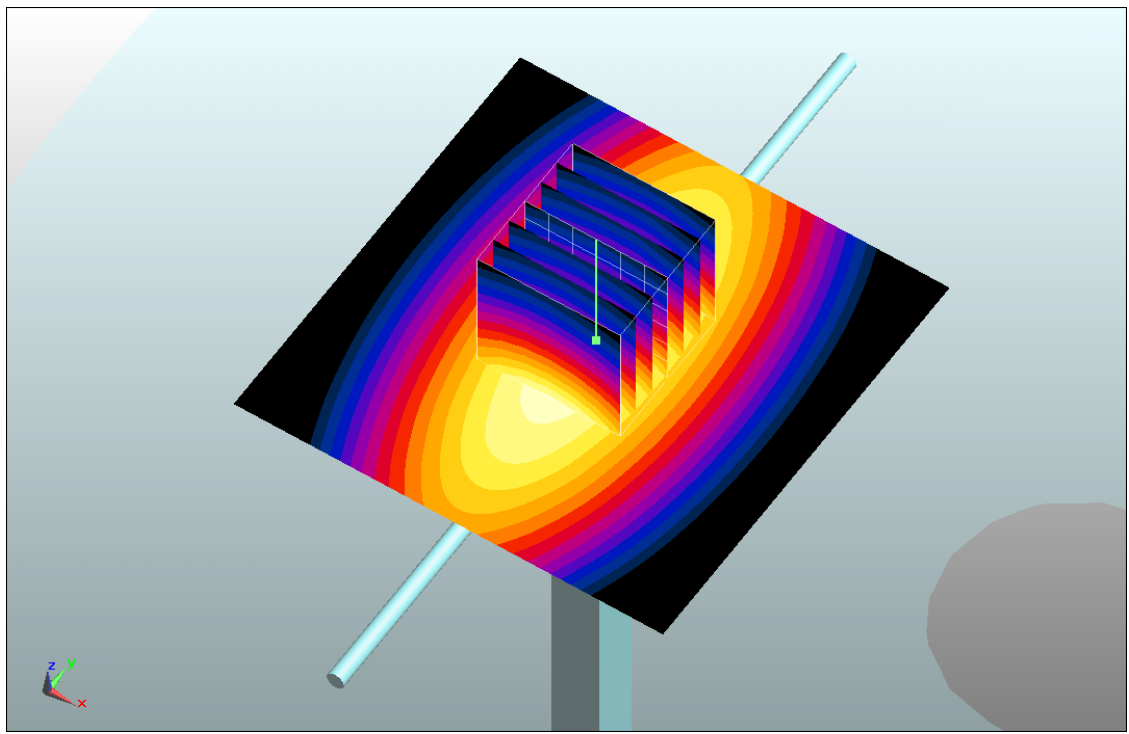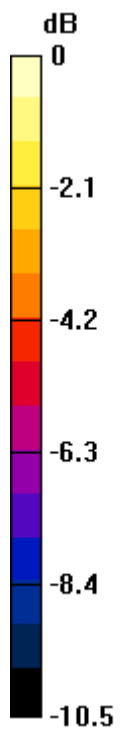
1000 kg/m^3
Ambient Temperature : 23.6 °C; Liquid Temperature : 21.4 °C

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(8.32, 8.32, 8.32); Calibrated: 2009/11/23
- 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) = 1.05 mW/g

Pin=100mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 33.6 V/m; Power Drift = -0.0023 dB
Peak SAR (extrapolated) = 1.48 W/kg
SAR(1 g) = 0.978 mW/g; SAR(10 g) = 0.638 mW/g
Maximum value of SAR (measured) = 1.06 mW/g

0 dB = 1.06mW/g

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab   Date: 2010/07/25

System Check_Body_835MHz_100725

DUT: Dipole 835 MHz

Communication System: CW; Frequency: 835 MHz;Duty Cycle: 1:1
Medium: MSL_850_100725 Medium parameters used: f = 835 MHz; σ = 0.991 mho/m; ε_r = 55.7; ρ =

1000 kg/m^3
Ambient Temperature : 23.7 °C; Liquid Temperature : 21.6 °C

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(8.22, 8.22, 8.22); Calibrated: 2009/11/23
- 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
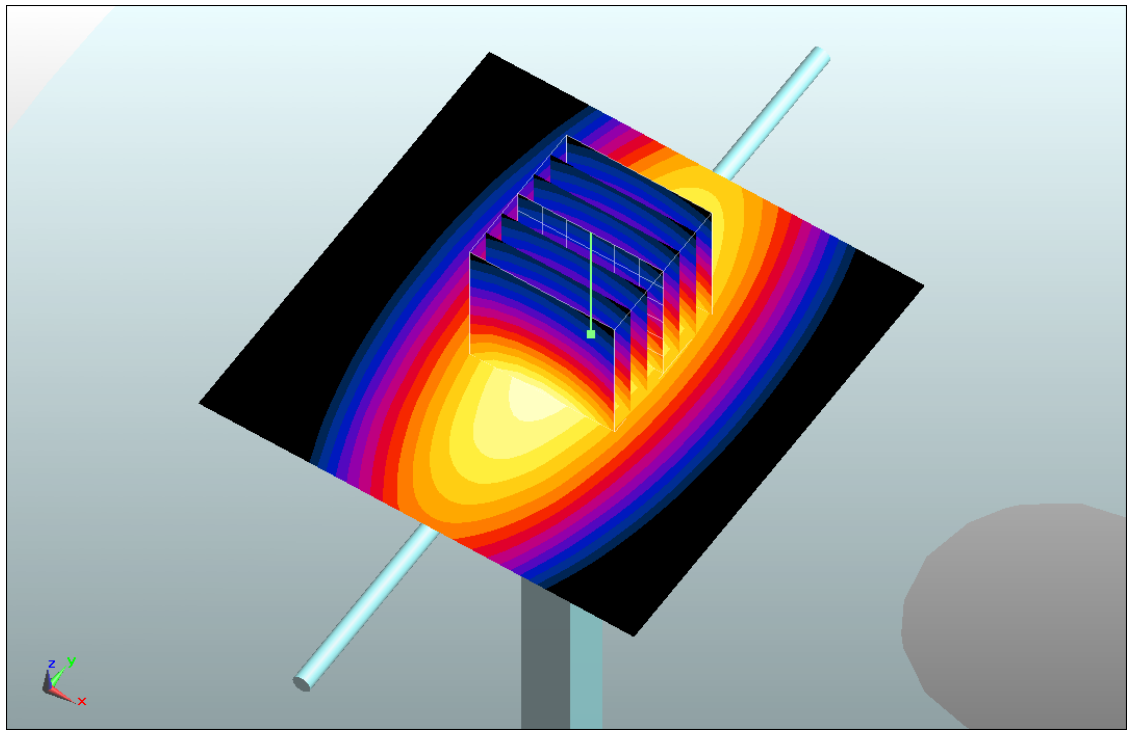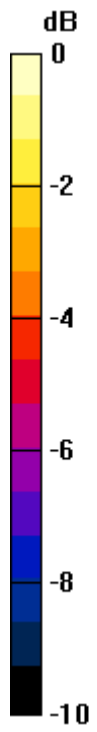Maximum value of SAR (interpolated) = 1.07 mW/g

Pin=100mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 32.5 V/m; Power Drift = -0.0025 dB
Peak SAR (extrapolated) = 1.47 W/kg
SAR(1 g) = 0.992 mW/g; SAR(10 g) = 0.655 mW/g
Maximum value of SAR (measured) = 1.07 mW/g

0 dB = 1.07mW/g

System Check_Head_1900MHz_100723

DUT: Dipole 1900 MHz

Communication System: CW; Frequency: 1900 MHz;Duty Cycle: 1:1
Medium: HSL_1900_100723 Medium parameters used: f = 1900 MHz; σ = 1.42 mho/m; $ε_r$ = 40.6; ρ =
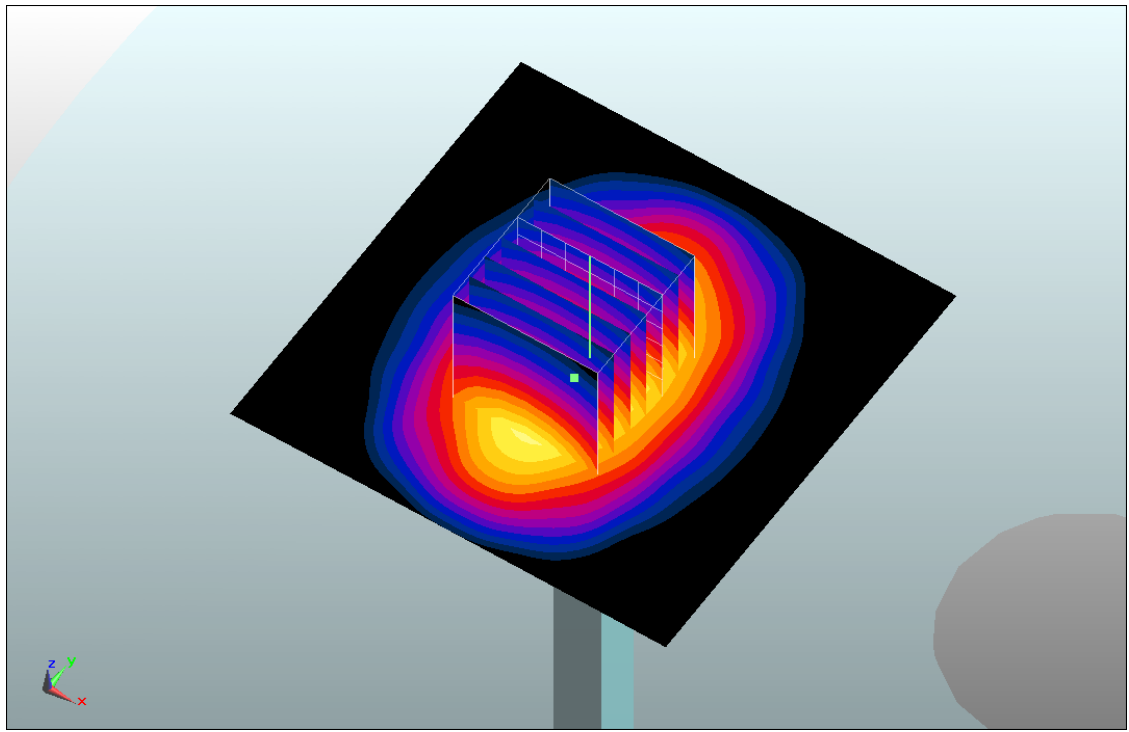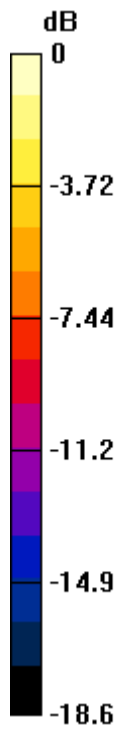
1000 kg/m^3
Ambient Temperature : 23.7 °C; Liquid Temperature : 21.6 °C

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(7.32, 7.32, 7.32); Calibrated: 2009/11/23
- 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) = 4.6 mW/g

Pin=100mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 55.4 V/m; Power Drift = 0.00541 dB
Peak SAR (extrapolated) = 7.5 W/kg
SAR(1 g) = 3.93 mW/g; SAR(10 g) = 2.02 mW/g
Maximum value of SAR (measured) = 4.39 mW/g

0 dB = 4.39mW/g

System Check_Body_1900MHz_100723

DUT: Dipole 1900 MHz

Communication System: CW; Frequency: 1900 MHz;Duty Cycle: 1:1
Medium: MSL_1900_100723 Medium parameters used: f = 1900 MHz; σ = 1.54 mho/m; ε_r = 54.6; ρ =
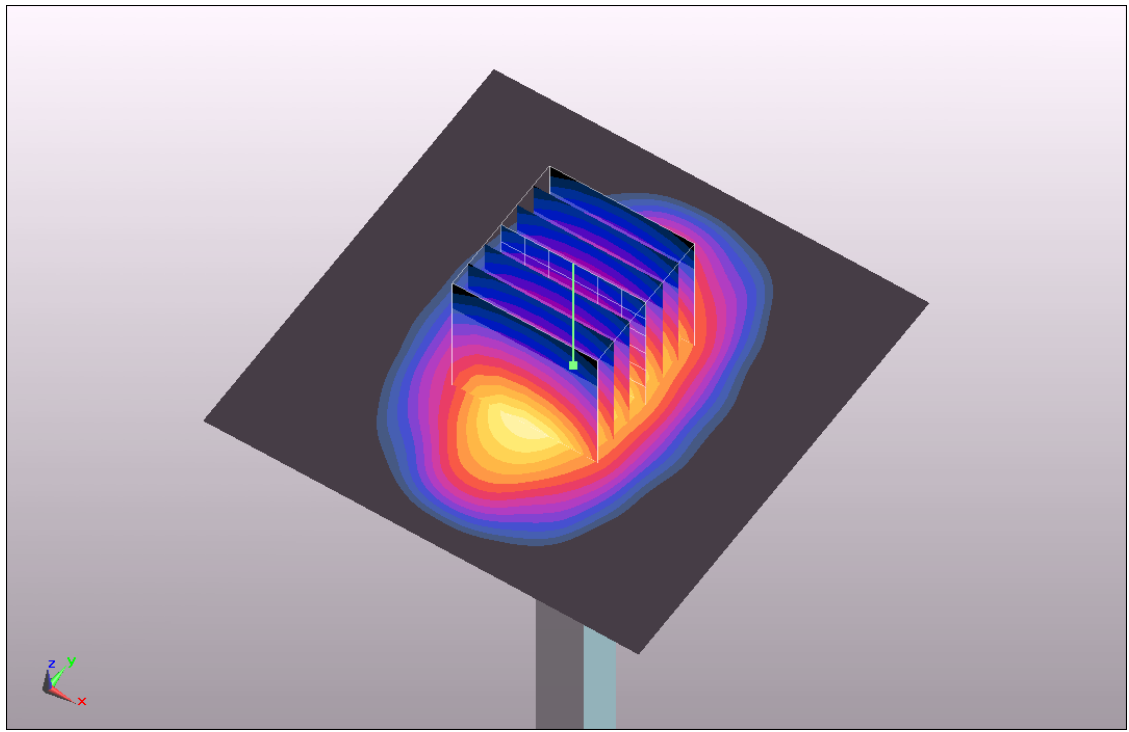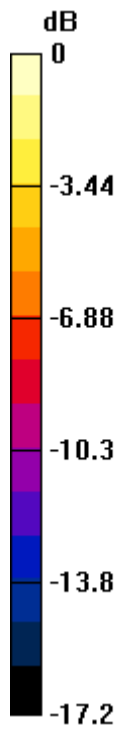
1000 kg/m^3
Ambient Temperature : 23.7 °C; Liquid Temperature : 21.5 °C

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(7.04, 7.04, 7.04); Calibrated: 2009/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2009/11/16
- Phantom: SAM3; Type: QD OVA 001 BB; Serial: 1079
- 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) = 4.7 mW/g

Pin=100mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 54.7 V/m; Power Drift = -0.041 dB
Peak SAR (extrapolated) = 7.72 W/kg
SAR(1 g) = 4.11 mW/g; SAR(10 g) = 2.11 mW/g
Maximum value of SAR (measured) = 4.67 mW/g

0 dB = 4.67mW/g