System Check_835MHz_100626

DUT: Dipole 835 MHz

Communication System: CW; Frequency: 835 MHz;Duty Cycle: 1:1
Medium: HSL_850_100626 Medium parameters used: f = 835 MHz; σ = 0.929 mho/m; ε_r = 41.8; ρ =

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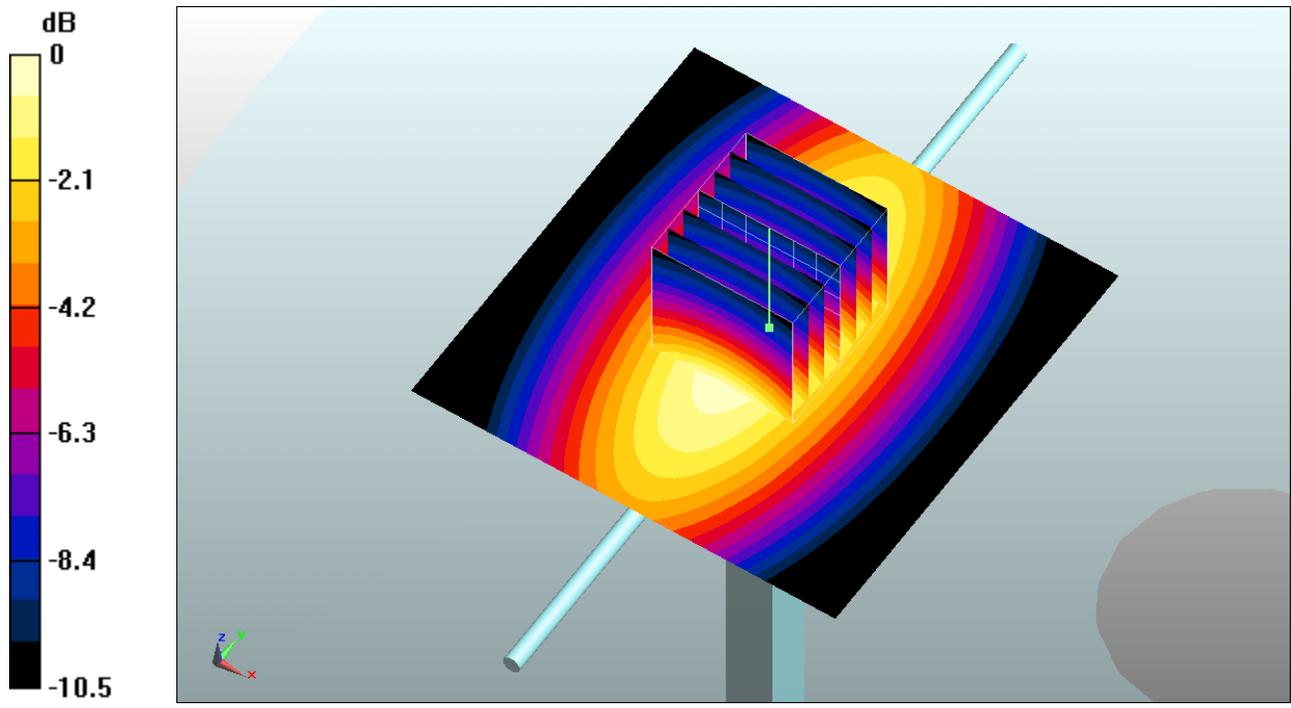Ambient Temperature : 23.7 °C; Liquid Temperature : 21.6 °C

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: 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) = 1.04 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 = -0.00151 dB
Peak SAR (extrapolated) = 1.46 W/kg
SAR(1 g) = 0.965 mW/g; SAR(10 g) = 0.629 mW/g
Maximum value of SAR (measured) = 1.04 mW/g

0 dB = 1.04mW/g

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab   Date: 2010/06/21

System Check_835MHz_100621

DUT: Dipole 835 MHz

Communication System: CW; Frequency: 835 MHz;Duty Cycle: 1:1
Medium: MSL_850_100621 Medium parameters used: f = 835 MHz; σ = 0.969 mho/m; ε_r = 56.1; ρ =
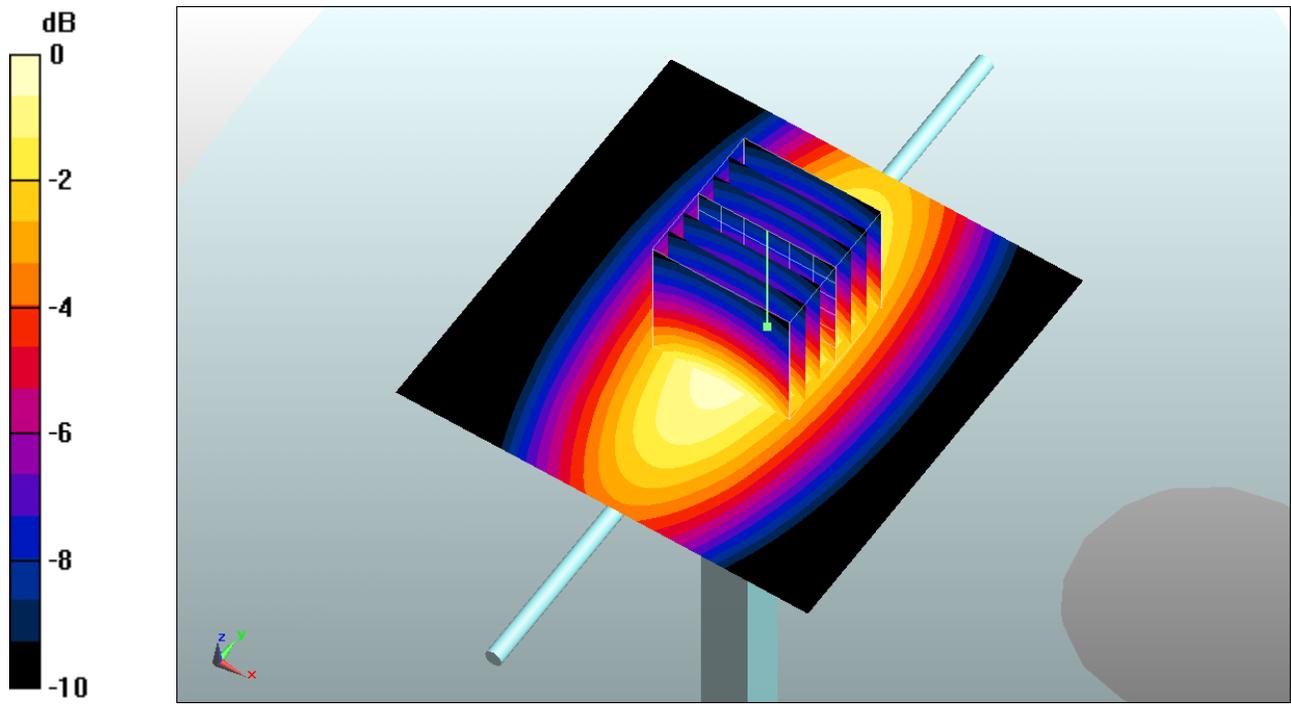
1000 kg/m^3
Ambient Temperature : 23.7 °C; Liquid Temperature : 21.5 °C

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) = 1.05 mW/g

Pin=100mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 32.6 V/m; Power Drift = -0.0110 dB
Peak SAR (extrapolated) = 1.45 W/kg
SAR(1 g) = 0.973 mW/g; SAR(10 g) = 0.642 mW/g
Maximum value of SAR (measured) = 1.05 mW/g

0 dB = 1.05mW/g

System Check_1900MHz_100625

DUT: Dipole 1900 MHz

Communication System: CW; Frequency: 1900 MHz;Duty Cycle: 1:1
Medium: HSL_1900_100625 Medium parameters used: f = 1900 MHz; σ = 1.42 mho/m; ε_r = 39.7; ρ =

1000 kg/m^3
Ambient Temperature : 23.6 °C; Liquid Temperature : 21.4 °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: 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
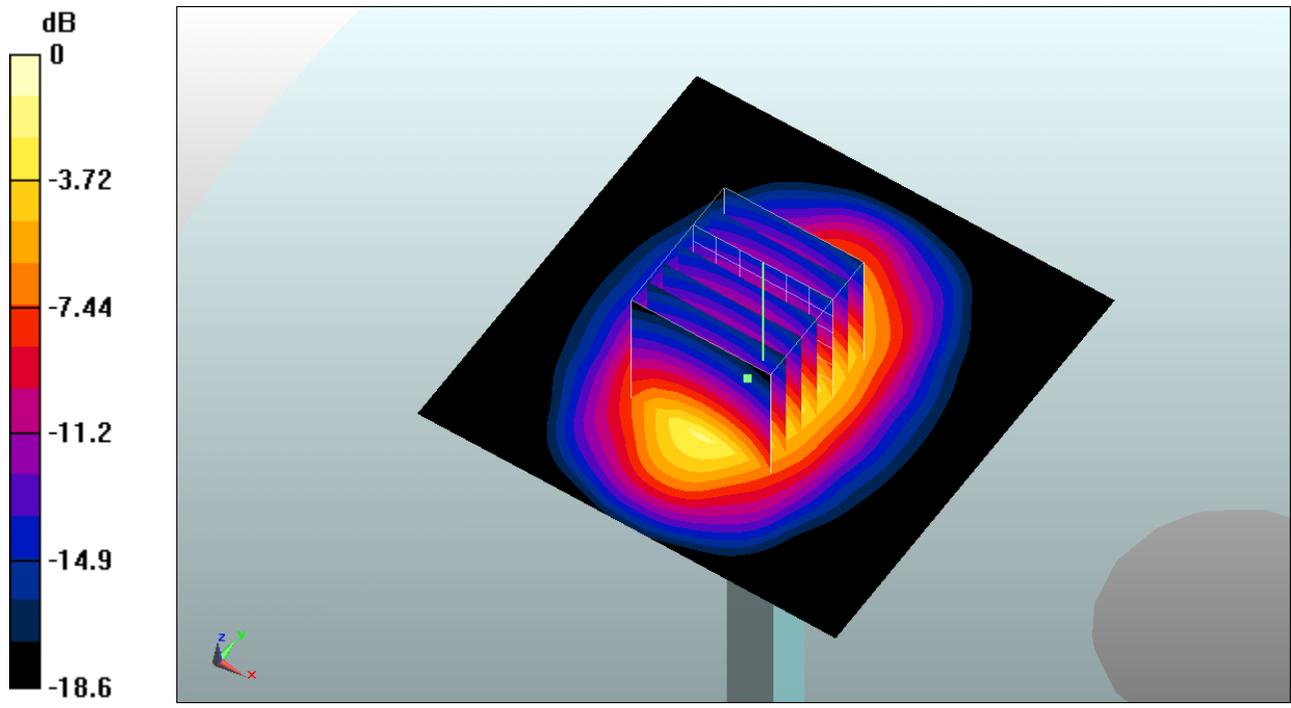Maximum value of SAR (interpolated) = 4.55 mW/g

Pin=100mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 55.5 V/m; Power Drift = 0.0012 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_1900MHz_100621

DUT: Dipole 1900 MHz

Communication System: CW; Frequency: 1900 MHz;Duty Cycle: 1:1
Medium: MSL_1900_100621 Medium parameters used: f = 1900 MHz; σ = 1.53 mho/m; ε_r = 54.7; ρ =

1000 kg/m^3
Ambient Temperature : 23.8 °C; Liquid Temperature : 21.7 °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: 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
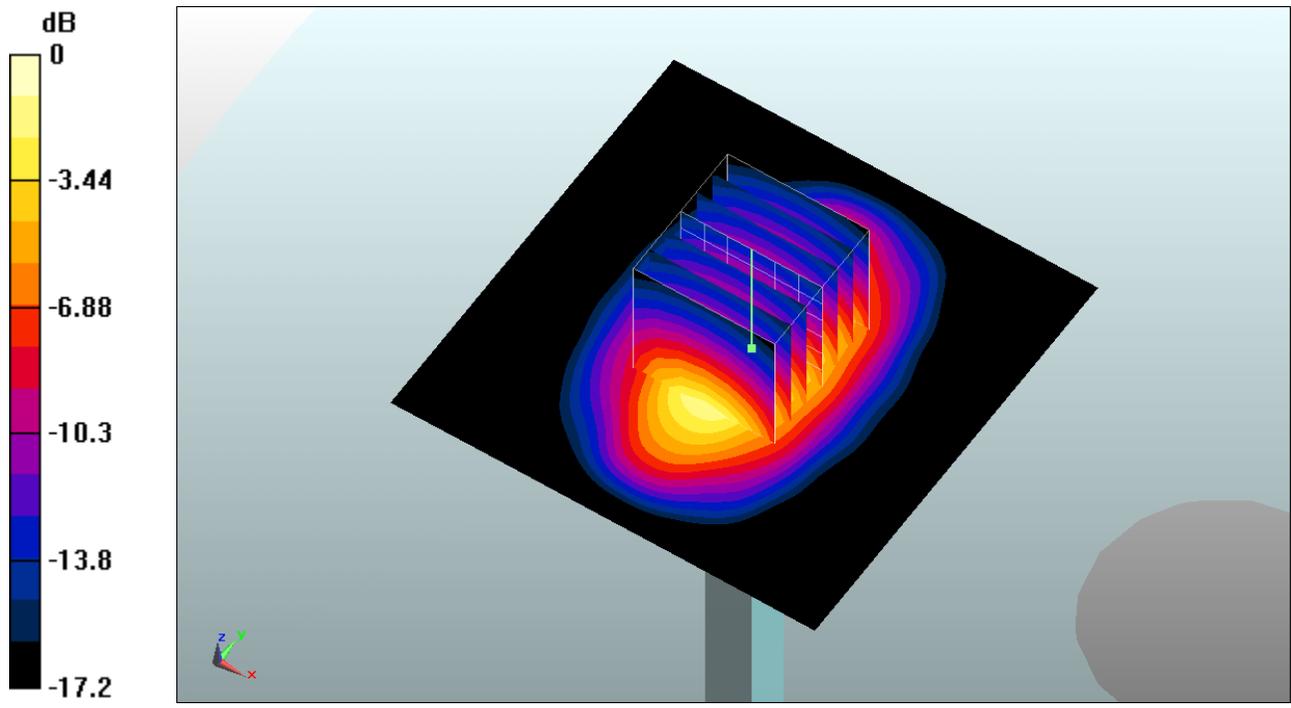Maximum value of SAR (interpolated) = 4.68 mW/g

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) = 7.7 W/kg
SAR(1 g) = 4.1 mW/g; SAR(10 g) = 2.1 mW/g
Maximum value of SAR (measured) = 4.66 mW/g

0 dB = 4.66mW/g