System Check_835MHz_100406

DUT: Dipole 835 MHz

Communication System: CW; Frequency: 835 MHz;Duty Cycle: 1:1
Medium: MSL_850_100406 Medium parameters used: f = 835 MHz; σ = 0.994 mho/m; ε_r = 55.6; ρ =

1000 kg/m^3
Ambient Temperature : 23.4 °C; Liquid Temperature : 21.2 °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: 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
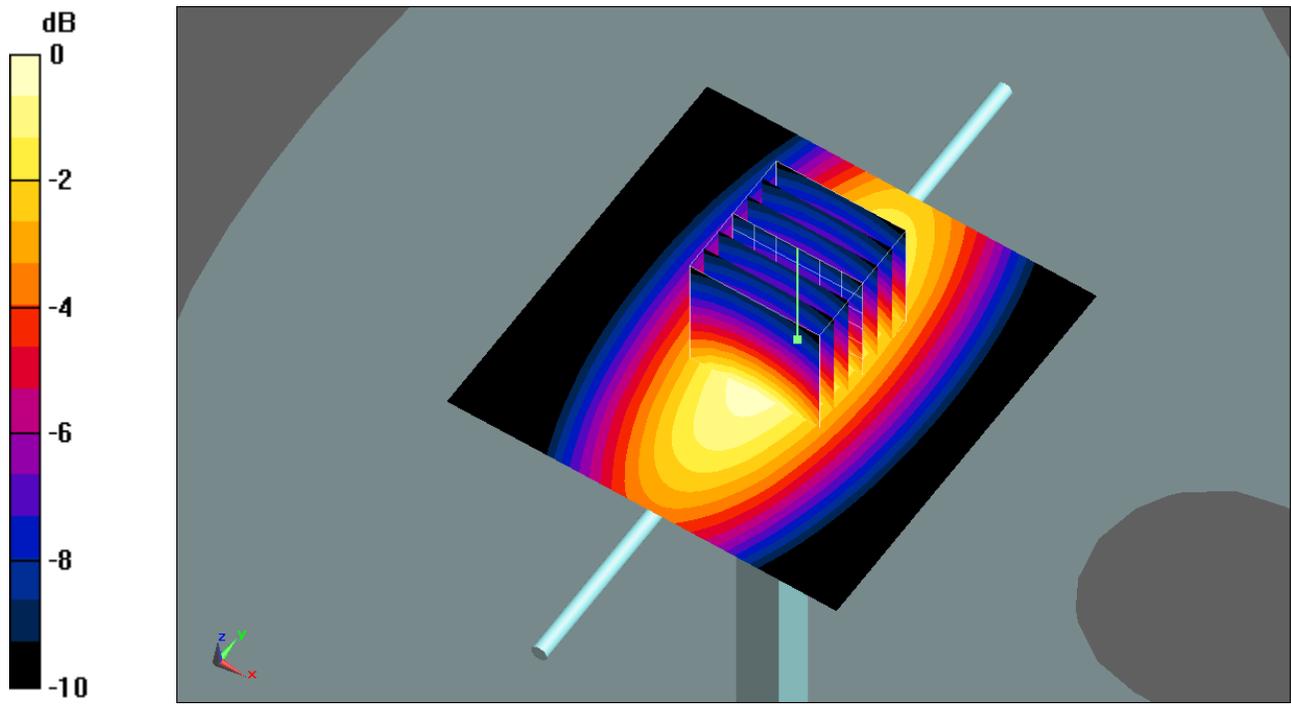Maximum value of SAR (interpolated) = 1.07 mW/g

Pin=100mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 32.3 V/m; Power Drift = -0.00110 dB
Peak SAR (extrapolated) = 1.47 W/kg
SAR(1 g) = 0.989 mW/g; SAR(10 g) = 0.653 mW/g
Maximum value of SAR (measured) = 1.07 mW/g

0 dB = 1.07mW/g

System Check_835MHz_100618

DUT: Dipole 835 MHz

Communication System: CW; Frequency: 835 MHz;Duty Cycle: 1:1
Medium: MSL_850_100618 Medium parameters used: f = 835 MHz; σ = 0.991 mho/m; ε_r = 55.7; ρ =

1000 kg/m^3
Ambient Temperature : 23.8 °C; Liquid Temperature : 21.7 °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
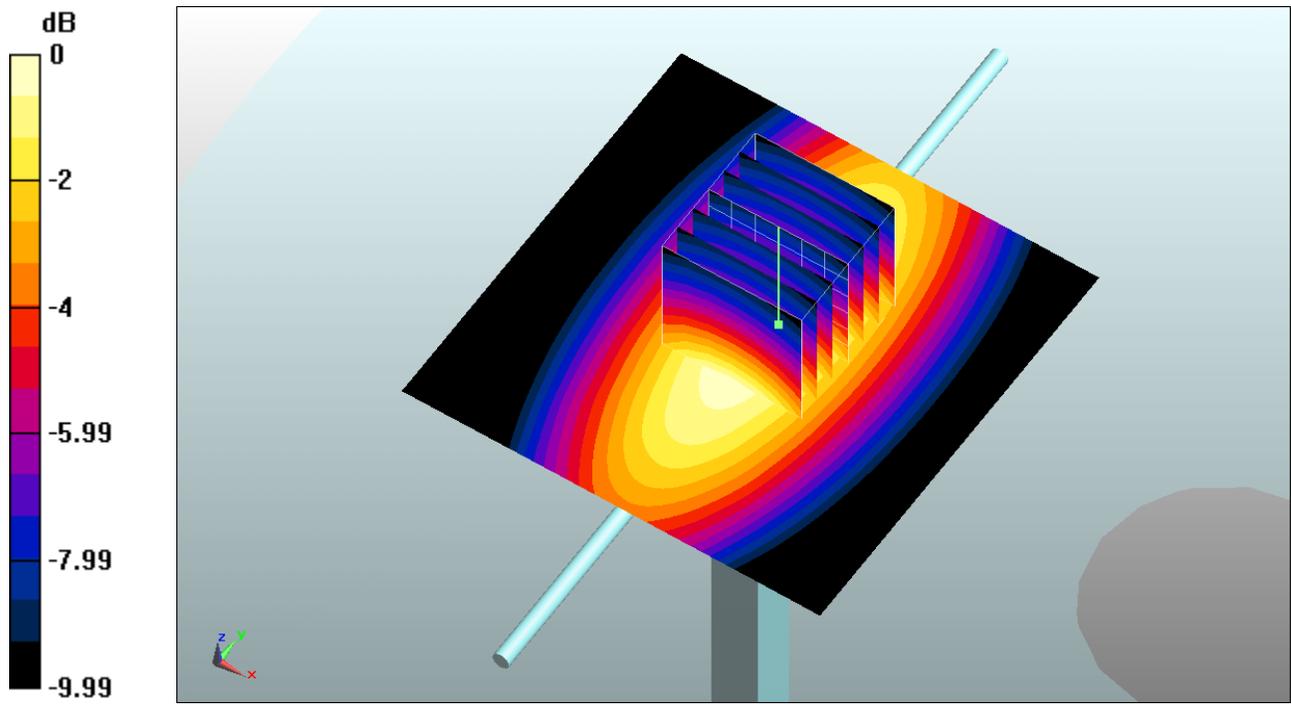Maximum value of SAR (interpolated) = 1.02 mW/g

Pin=100mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 31.7 V/m; Power Drift = -0.0112 dB
Peak SAR (extrapolated) = 1.41 W/kg
SAR(1 g) = 0.946 mW/g; SAR(10 g) = 0.625 mW/g
Maximum value of SAR (measured) = 1.02 mW/g

0 dB = 1.02mW/g

System Check_1900MHz_100403

DUT: Dipole 1900 MHz

Communication System: CW; Frequency: 1900 MHz;Duty Cycle: 1:1
Medium: MSL_1900_100403 Medium parameters used: f = 1900 MHz; σ = 1.53 mho/m; ε_r = 52.4; ρ =

1000 kg/m^3
Ambient Temperature : 23.6 °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: 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
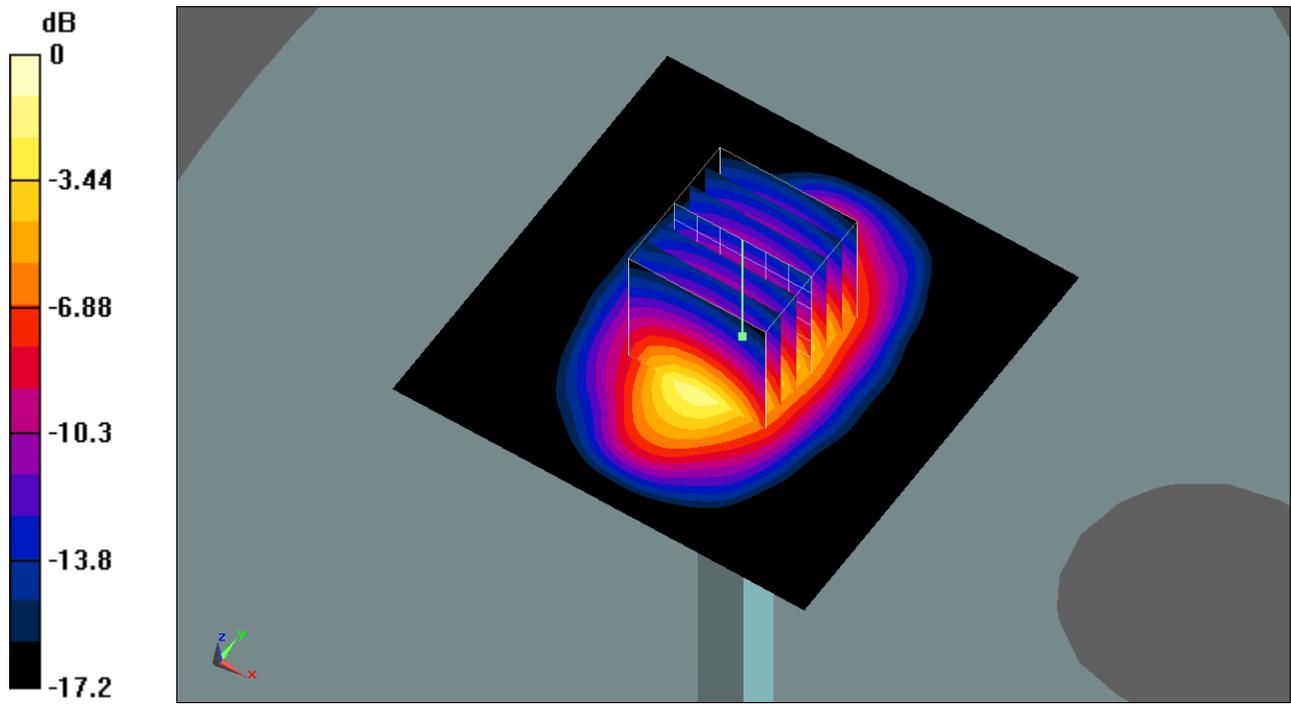Maximum value of SAR (interpolated) = 4.58 mW/g

Pin=100mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 54.2 V/m; Power Drift = -0.00154 dB
Peak SAR (extrapolated) = 7.56 W/kg
SAR(1 g) = 4.02 mW/g; SAR(10 g) = 2.06 mW/g
Maximum value of SAR (measured) = 4.57 mW/g

0 dB = 4.57mW/g

System Check_1900MHz_100618

DUT: Dipole 1900 MHz

Communication System: CW; Frequency: 1900 MHz;Duty Cycle: 1:1
Medium: MSL_1900_100618 Medium parameters used: f = 1900 MHz; σ = 1.54 mho/m; ε_r = 54.6; ρ =
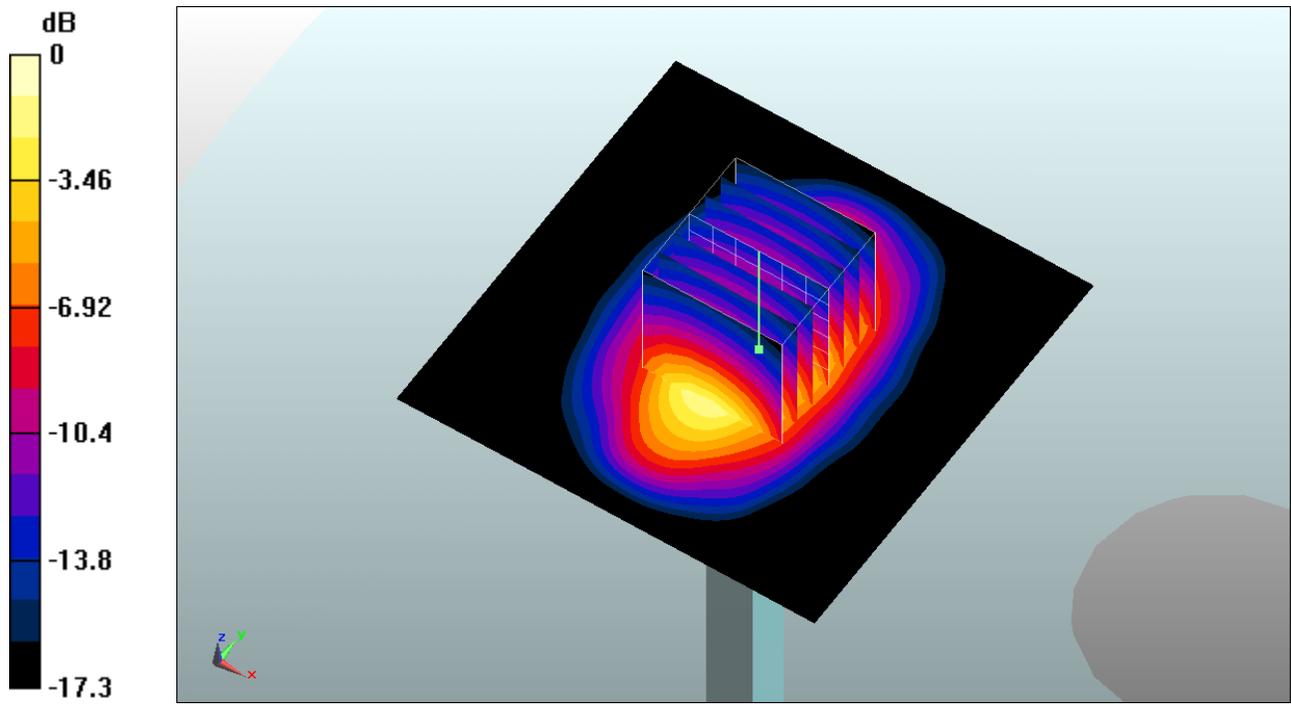
1000 kg/m^3
Ambient Temperature : 23.6 °C; Liquid Temperature : 21.5 °C

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: 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) = 4.58 mW/g

Pin=100mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 54 V/m; Power Drift = -0.0179 dB
Peak SAR (extrapolated) = 7.49 W/kg
SAR(1 g) = 4 mW/g; SAR(10 g) = 2.05 mW/g
Maximum value of SAR (measured) = 4.49 mW/g

0 dB = 4.49mW/g

System Check_1900MHz_100718

DUT: Dipole 1900 MHz

Communication System: CW; Frequency: 1900 MHz;Duty Cycle: 1:1
Medium: MSL_1900_100718 Medium parameters used: f = 1900 MHz; σ = 1.54 mho/m; ε_r = 54.5; ρ =

1000 kg/m^3
Ambient Temperature : 23.7 °C; Liquid Temperature : 21.6 °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: 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
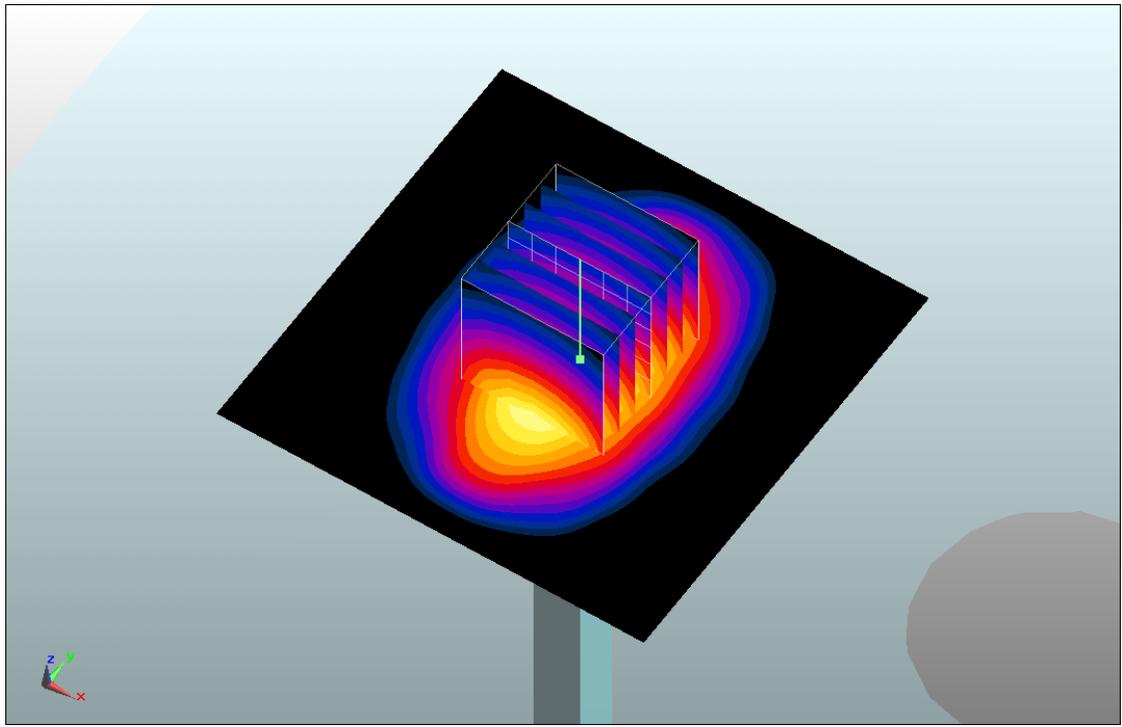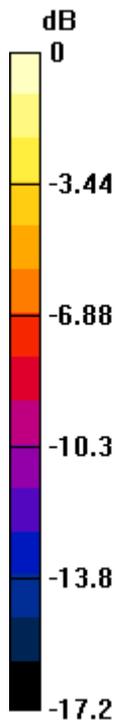Maximum value of SAR (interpolated) = 4.66 mW/g

Pin=100mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 54.5 V/m; Power Drift = -0.035 dB
Peak SAR (extrapolated) = 7.7 W/kg
SAR(1 g) = 4.09 mW/g; SAR(10 g) = 2.1 mW/g
Maximum value of SAR (measured) = 4.66 mW/g

0 dB = 4.66mW/g