System Check_Body_750MHz_110611

DUT: Dipole 750 MHz

Communication System: CW; Frequency: 750 MHz;Duty Cycle: 1:1
Medium: MSL_750_110611 Medium parameters used: f = 750 MHz; σ = 0.97 mho/m; ε_r = 54.6; ρ = 1000 kg/m^3
Ambient Temperature 22.3 ; Liquid Temperature 21.3

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(8.81, 8.81, 8.81); Calibrated: 2010/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1249; Calibrated: 2011/2/21
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1029
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

Pin=250mW/Area Scan (61x61x1): Measurement grid: dx=15mm, dy=15mm
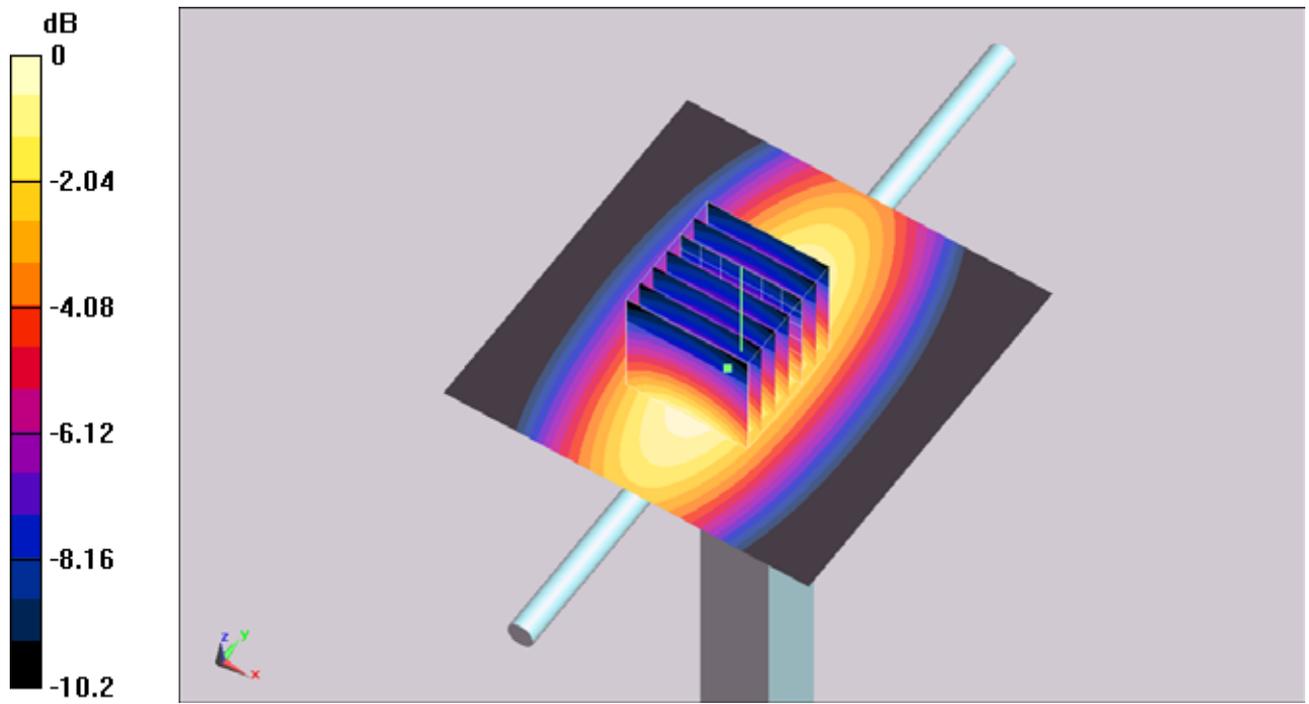Maximum value of SAR (interpolated) = 2.62 mW/g

Pin=250mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 49.7 V/m; Power Drift = 0.141 dB
Peak SAR (extrapolated) = 3.59 W/kg
SAR(1 g) = 2.39 mW/g; SAR(10 g) = 1.57 mW/g
Maximum value of SAR (measured) = 2.59 mW/g

0 dB = 2.59mW/g

System Check_Body_835MHz_110606

DUT: Dipole 835 MHz

Communication System: CW; Frequency: 835 MHz;Duty Cycle: 1:1
Medium: MSL_850_110606 Medium parameters used: f = 835 MHz; σ = 0.979 mho/m; $ε_r$ = 52.7; ρ = 1000

kg/m^3
Ambient Temperature 22.6 ; Liquid Temperature 21.7

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(8.65, 8.65, 8.65); Calibrated: 2010/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1249; Calibrated: 2011/2/21
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1029
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

Pin=250mW/Area Scan (61x61x1): Measurement grid: dx=15mm, dy=15mm
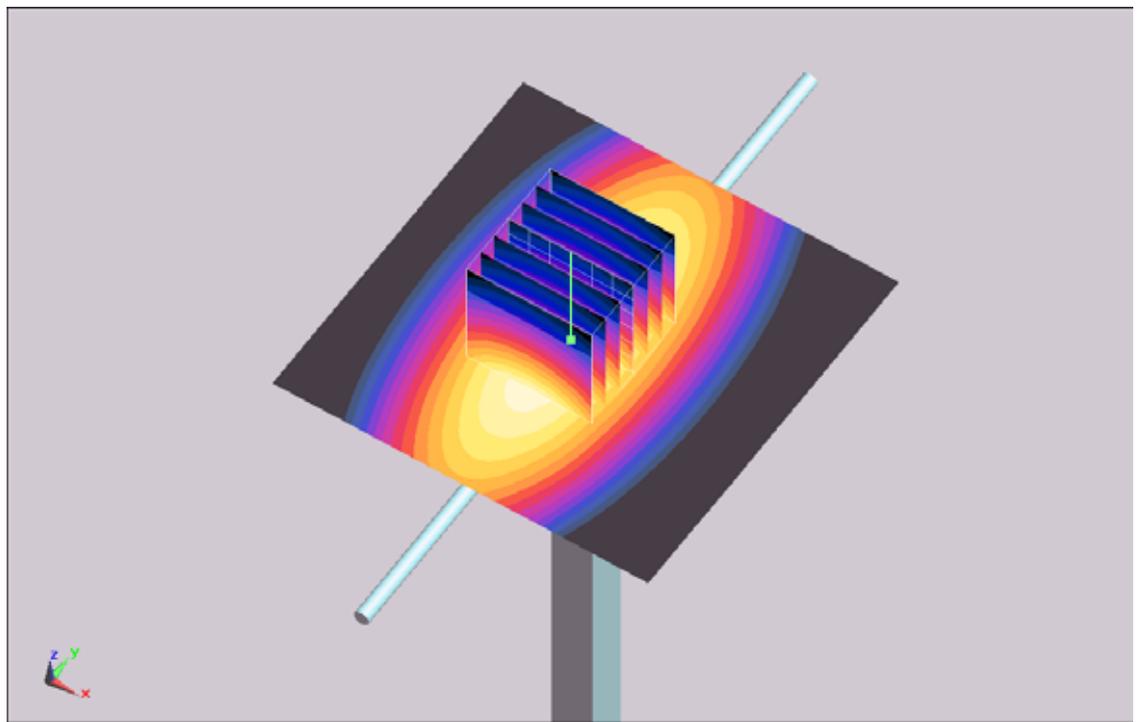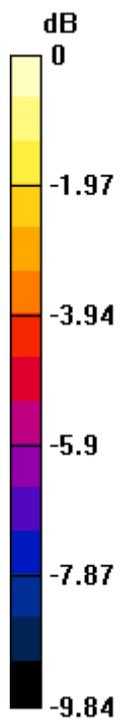Maximum value of SAR (interpolated) = 2.9 mW/g

Pin=250mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 54.4 V/m; Power Drift = -0.0072 dB
Peak SAR (extrapolated) = 3.96 W/kg
SAR(1 g) = 2.68 mW/g; SAR(10 g) = 1.78 mW/g
Maximum value of SAR (measured) = 2.88 mW/g

0 dB = 2.88mW/g

System Check_Body_835MHz_110608

DUT: Dipole 835 MHz

Communication System: CW; Frequency: 835 MHz;Duty Cycle: 1:1
Medium: MSL_850_110608 Medium parameters used: f = 835 MHz; σ = 0.986 mho/m; ε_r = 54.7; ρ = 1000

kg/m^3
Ambient Temperature   22.3   ; Liquid Temperature   21.3

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(8.65, 8.65, 8.65); Calibrated: 2010/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1249; Calibrated: 2011/2/21
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1029
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

Pin=250mW/Area Scan (61x61x1): Measurement grid: dx=15mm, dy=15mm
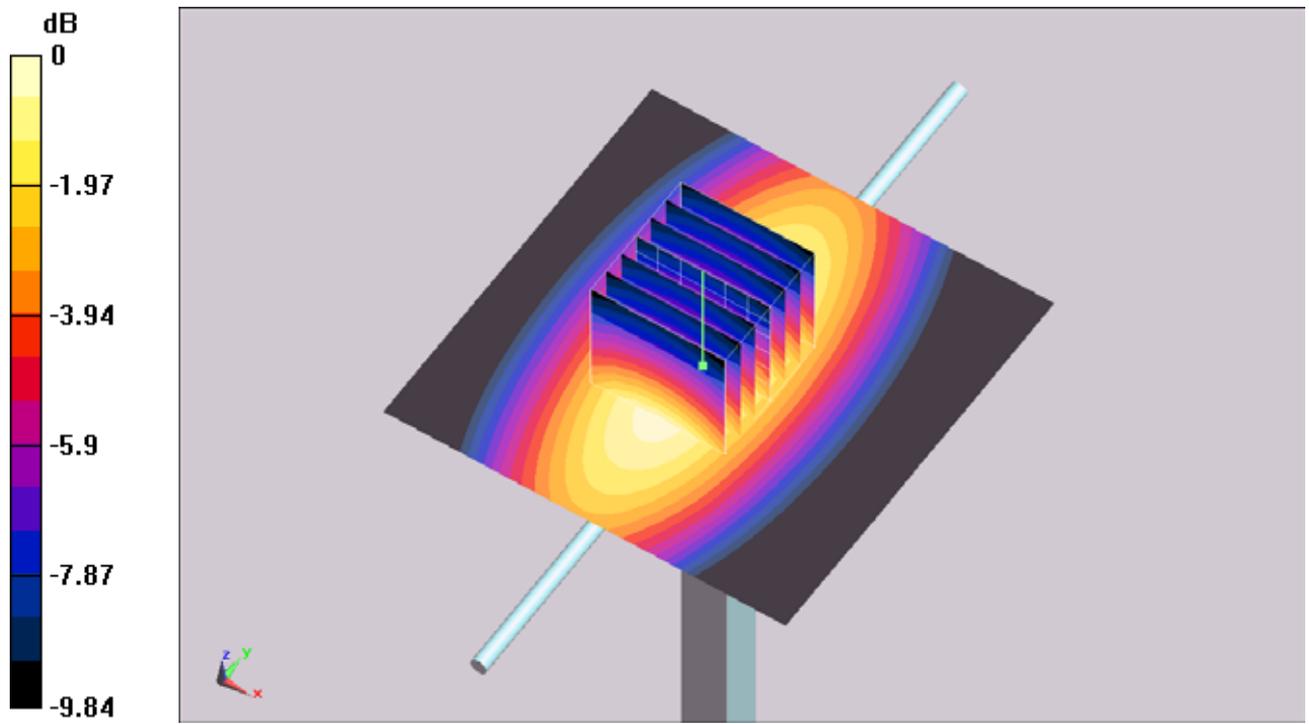Maximum value of SAR (interpolated) = 2.92 mW/g

Pin=250mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 54.4 V/m; Power Drift = -0.032 dB
Peak SAR (extrapolated) = 3.99 W/kg
SAR(1 g) = 2.7 mW/g; SAR(10 g) = 1.79 mW/g
Maximum value of SAR (measured) = 2.9 mW/g

0 dB = 2.9mW/g

System Check_Body_835MHz_110611

DUT: Dipole 835 MHz

Communication System: CW; Frequency: 835 MHz;Duty Cycle: 1:1
Medium: MSL_850_110611 Medium parameters used: f = 835 MHz; σ = 0.953 mho/m; ε_r = 56.3; ρ = 1000

kg/m^3
Ambient Temperature 22.4 ; Liquid Temperature 21.4

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(8.65, 8.65, 8.65); Calibrated: 2010/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1249; Calibrated: 2011/2/21
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1029
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

Pin=250mW/Area Scan (61x61x1): Measurement grid: dx=15mm, dy=15mm
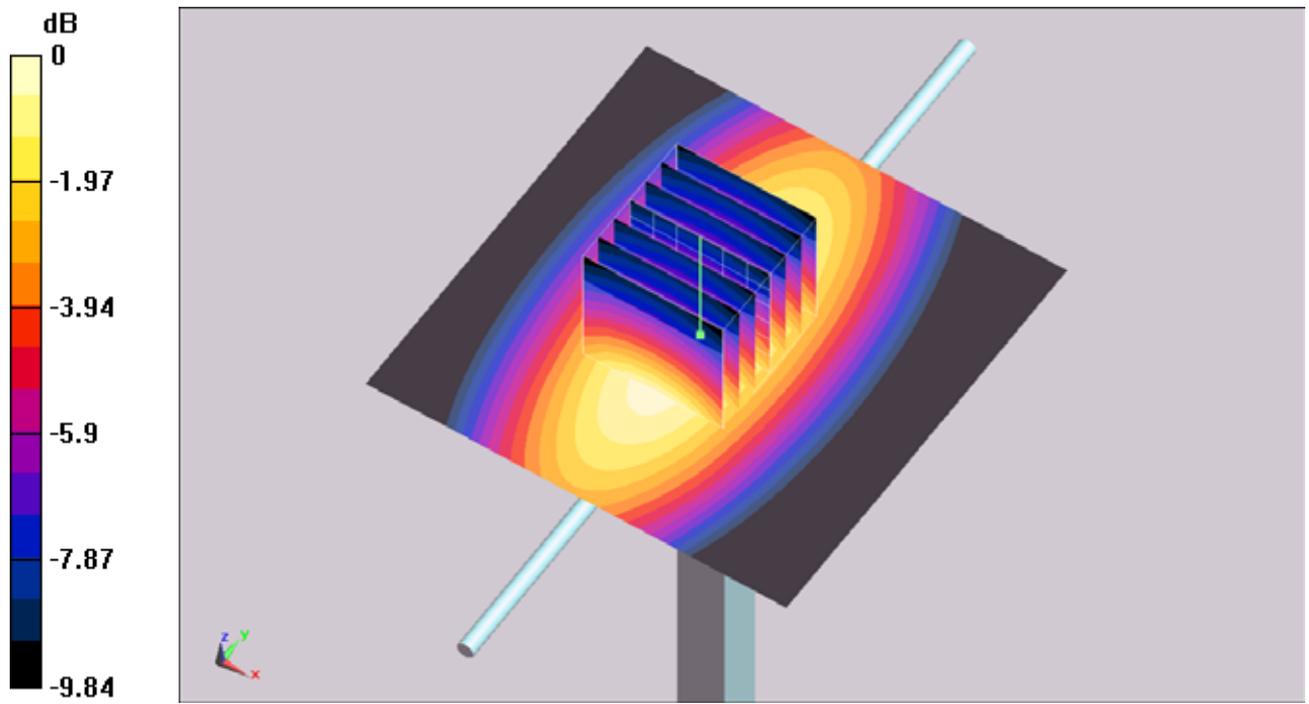Maximum value of SAR (interpolated) = 2.82 mW/g

Pin=250mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 54.4 V/m; Power Drift = -0.045 dB
Peak SAR (extrapolated) = 3.85 W/kg
SAR(1 g) = 2.61 mW/g; SAR(10 g) = 1.73 mW/g
Maximum value of SAR (measured) = 2.81 mW/g

0 dB = 2.81mW/g

System Check_Body_1800MHz_110611

DUT: Dipole 1800 MHz

Communication System: CW; Frequency: 1800 MHz;Duty Cycle: 1:1
Medium: MSL_1800_110611 Medium parameters used: f = 1800 MHz; σ = 1.56 mho/m; ε_r = 52.3; ρ = 1000

kg/m^3
Ambient Temperature 22.6 ; Liquid Temperature 21.6

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(7.41, 7.41, 7.41); Calibrated: 2010/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1249; Calibrated: 2011/2/21
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1029
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

Pin=250mW/Area Scan (61x61x1): Measurement grid: dx=15mm, dy=15mm
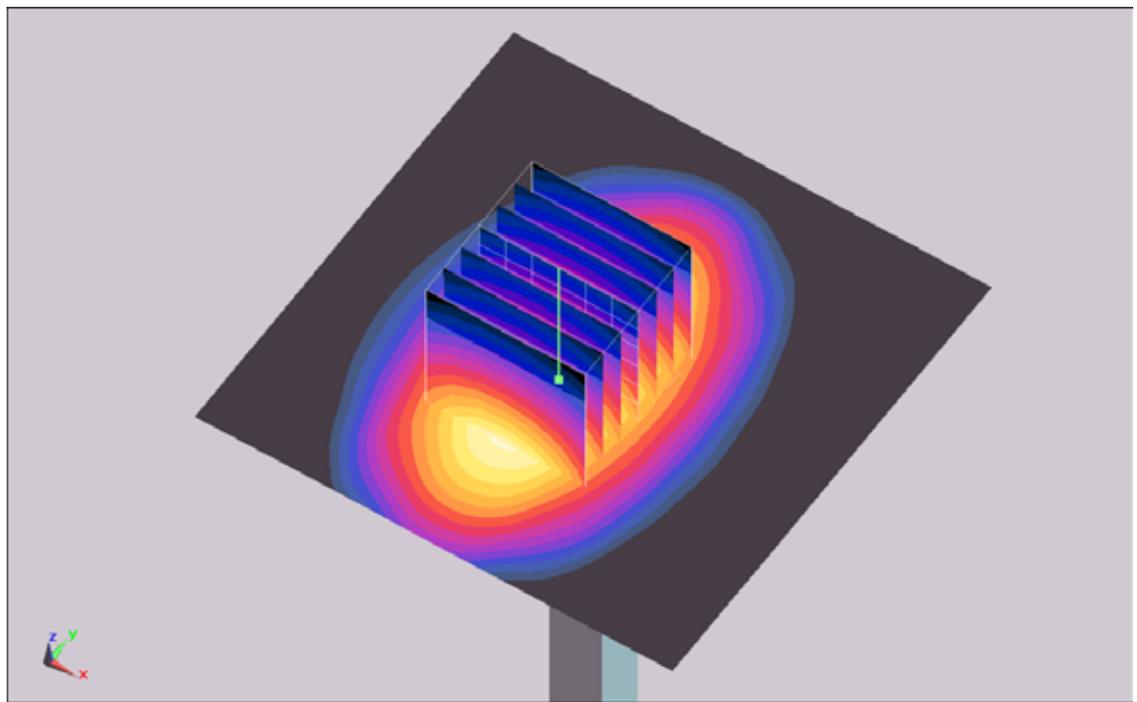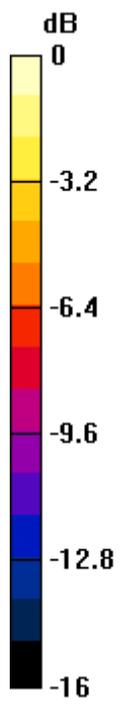Maximum value of SAR (interpolated) = 12.1 mW/g

Pin=250mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 79.8 V/m; Power Drift = 0.174 dB
Peak SAR (extrapolated) = 17.9 W/kg
SAR(1 g) = 9.91 mW/g; SAR(10 g) = 5.37 mW/g
Maximum value of SAR (measured) = 11.1 mW/g

0 dB = 11.1mW/g

System Check_Body_1900MHz_110607

DUT: Dipole 1900 MHz

Communication System: CW; Frequency: 1900 MHz;Duty Cycle: 1:1
Medium: MSL_1900_110607 Medium parameters used: f = 1900 MHz; σ = 1.52 mho/m; $ε_r$ = 53.6; ρ = 1000 kg/m^3

Ambient Temperature 22.5   ; Liquid Temperature 21.5

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(7.26, 7.26, 7.26); Calibrated: 2010/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1249; Calibrated: 2011/2/21
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1029
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

Pin=250mW/Area Scan (61x61x1): Measurement grid: dx=15mm, dy=15mm
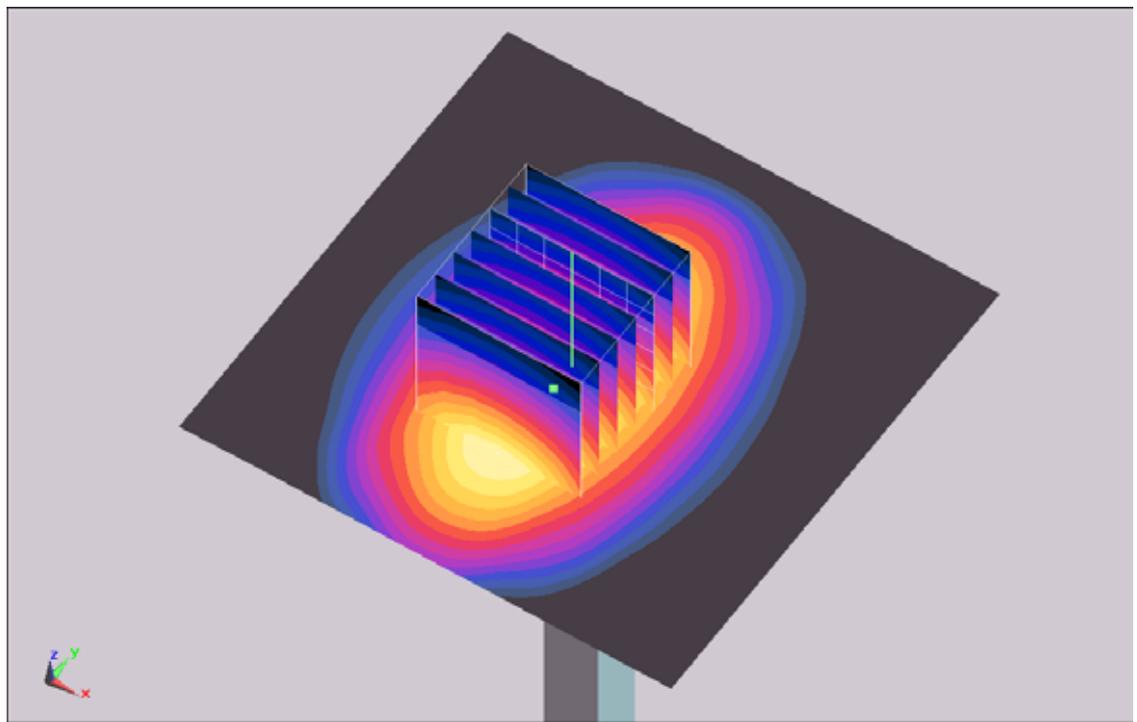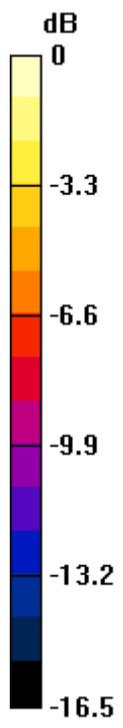Maximum value of SAR (interpolated) = 10.4 mW/g

Pin=250mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 77.5 V/m; Power Drift = 0.156 dB
Peak SAR (extrapolated) = 17.1 W/kg
SAR(1 g) = 9.39 mW/g; SAR(10 g) = 5.09 mW/g
Maximum value of SAR (measured) = 10.4 mW/g

0 dB = 10.4mW/g

System Check_Body_1900MHz_110608

DUT: Dipole 1900 MHz

Communication System: CW; Frequency: 1900 MHz;Duty Cycle: 1:1
Medium: MSL_1900_110608 Medium parameters used: f = 1900 MHz; σ = 1.55 mho/m; ε_r = 51.9; ρ = 1000

kg/m^3
Ambient Temperature 22.4 ; Liquid Temperature 21.4

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(7.26, 7.26, 7.26); Calibrated: 2010/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1249; Calibrated: 2011/2/21
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1029
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

Pin=250mW/Area Scan (61x61x1): Measurement grid: dx=15mm, dy=15mm
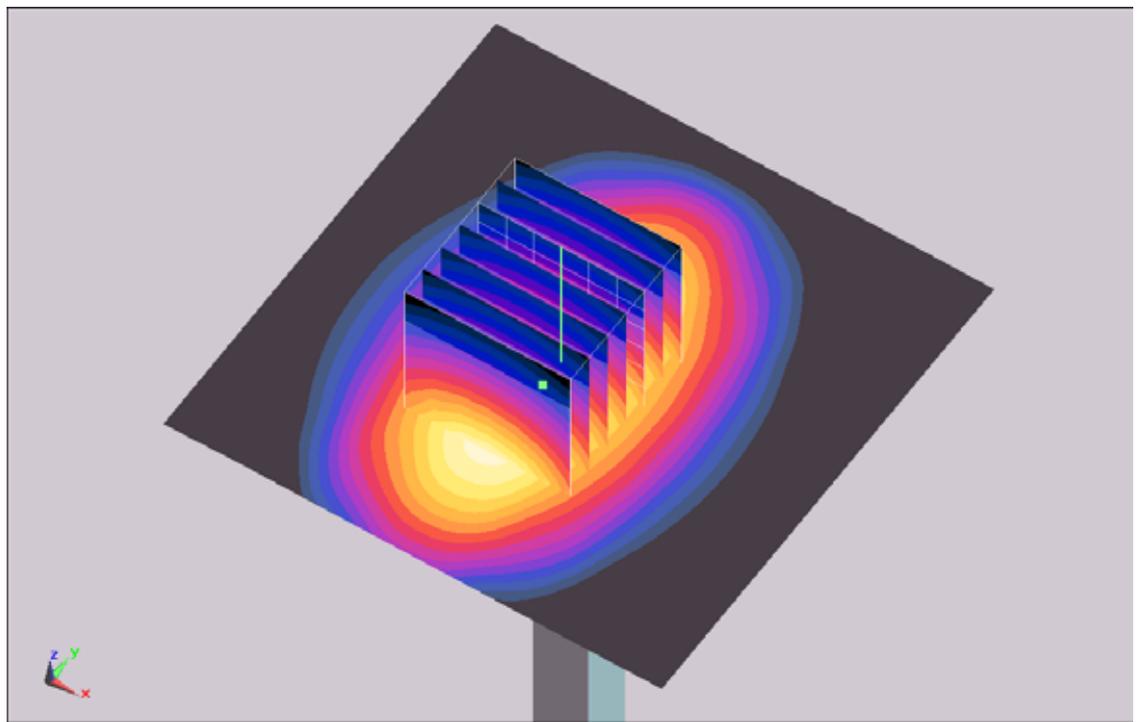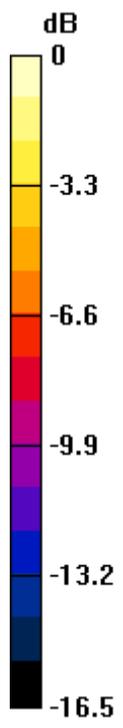Maximum value of SAR (interpolated) = 12.1 mW/g

Pin=250mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 77.5 V/m; Power Drift = 0.181 dB
Peak SAR (extrapolated) = 17.9 W/kg
SAR(1 g) = 9.8 mW/g; SAR(10 g) = 5.31 mW/g
Maximum value of SAR (measured) = 10.9 mW/g

0 dB = 10.9mW/g

System Check_Body_1900MHz_110610

DUT: Dipole 1900 MHz

Communication System: CW; Frequency: 1900 MHz;Duty Cycle: 1:1
Medium: MSL_1900_110610 Medium parameters used: f = 1900 MHz; σ = 1.5 mho/m; ε_r = 54.8; ρ = 1000

kg/m^3
Ambient Temperature 22.4 ; Liquid Temperature 21.4

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(7.26, 7.26, 7.26); Calibrated: 2010/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1249; Calibrated: 2011/2/21
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1029
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

Pin=250mW/Area Scan (61x61x1): Measurement grid: dx=15mm, dy=15mm
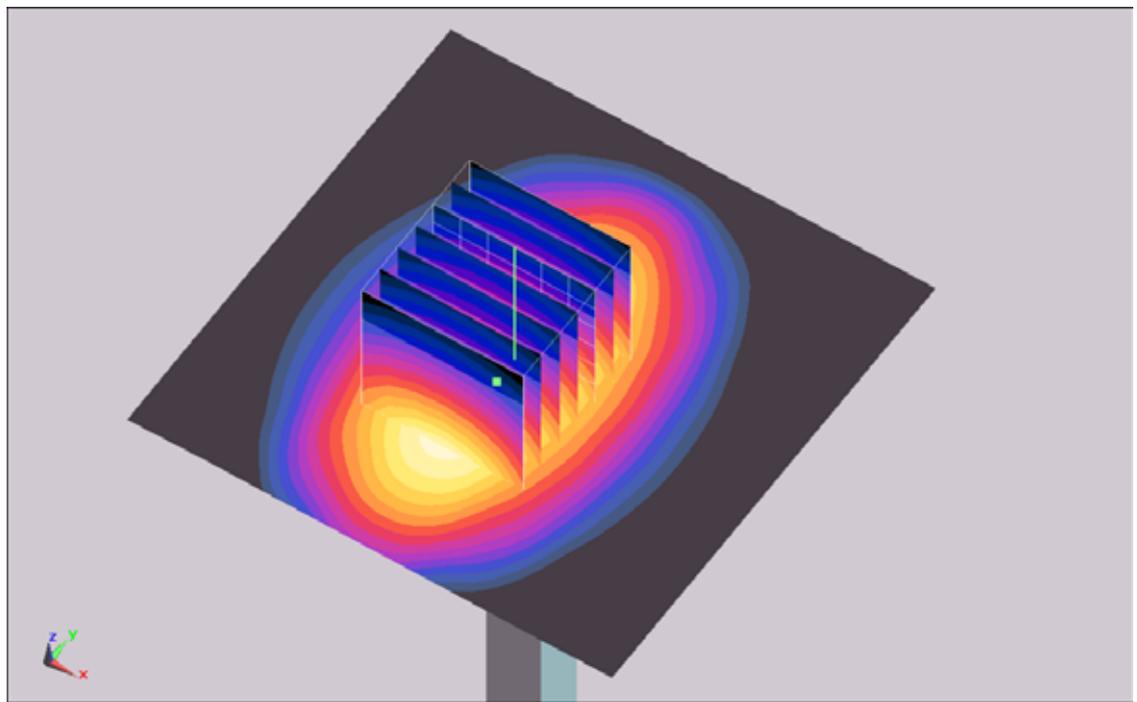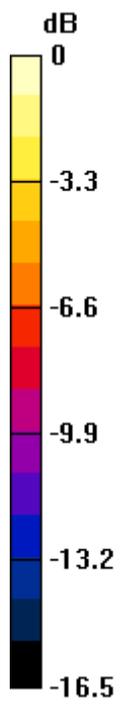Maximum value of SAR (interpolated) = 11.7 mW/g

Pin=250mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 77.5 V/m; Power Drift = 0.158 dB
Peak SAR (extrapolated) = 17.4 W/kg
SAR(1 g) = 9.51 mW/g; SAR(10 g) = 5.15 mW/g
Maximum value of SAR (measured) = 10.6 mW/g

0 dB = 10.6mW/g

System Check_Body_2450MHz_110614

DUT: Dipole 2450 MHz

Communication System: CW; Frequency: 2450 MHz;Duty Cycle: 1:1
Medium: MSL_2450_110614 Medium parameters used: f = 2450 MHz; σ = 1.92 mho/m; ε_r = 53.2; ρ = 1000

kg/m^3
Ambient Temperature 22.5 ; Liquid Temperature 21.5

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(7.02, 7.02, 7.02); Calibrated: 2010/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1249; Calibrated: 2011/2/21
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1029
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

Pin=250mW/Area Scan (61x61x1): Measurement grid: dx=15mm, dy=15mm
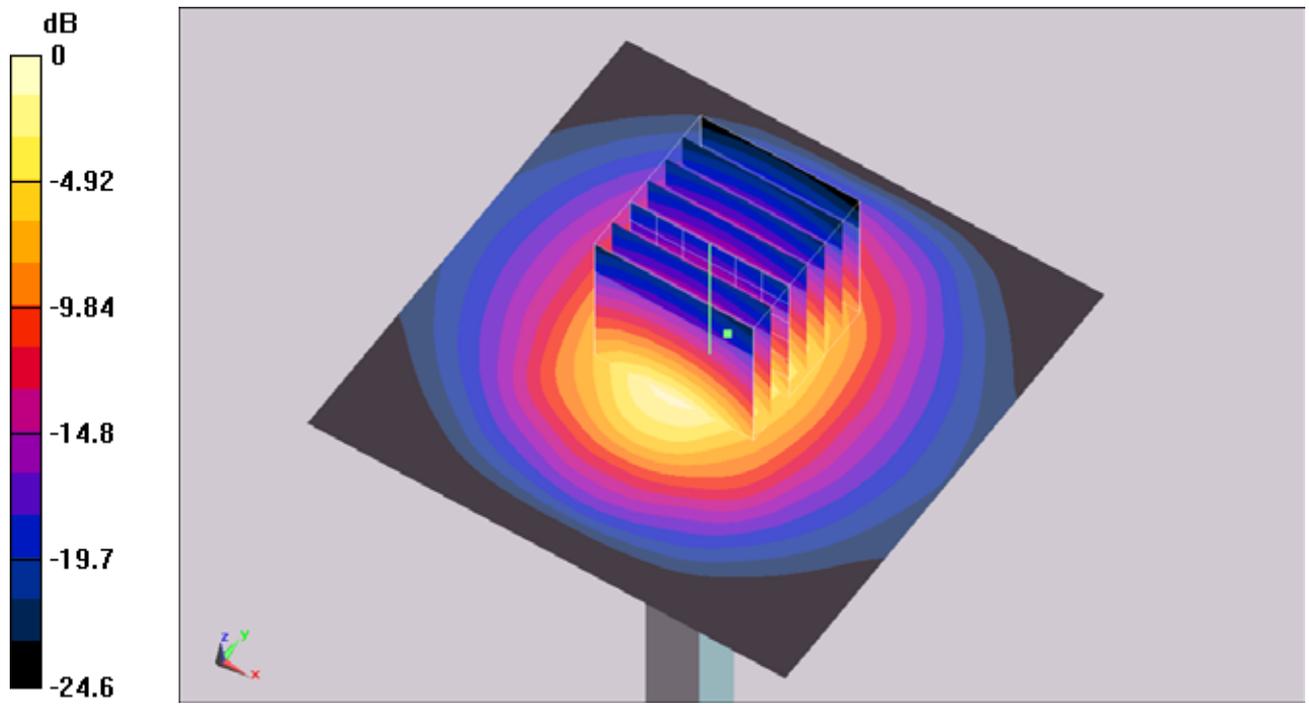Maximum value of SAR (interpolated) = 15.6 mW/g

Pin=250mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 85.6 V/m; Power Drift = 0.00599 dB
Peak SAR (extrapolated) = 29 W/kg
SAR(1 g) = 12.8 mW/g; SAR(10 g) = 5.71 mW/g
Maximum value of SAR (measured) = 14.2 mW/g

0 dB = 14.2mW/g