System Check_Head_835MHz_110927

DUT: Dipole 835 MHz

Communication System: CW; Frequency: 835 MHz;Duty Cycle: 1:1
Medium: HSL_850_110927 Medium parameters used: f = 835 MHz; σ = 0.909 mho/m; ε_r = 43.3; ρ = 1000 kg/m^3
Ambient Temperature：22.6 ℃；Liquid Temperature：21.6 ℃

DASY4 Configuration:
- Probe: EX3DV4 - SN3754; ConvF(8.71, 8.71, 8.71); Calibrated: 2011/1/11
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2011/4/28
- Phantom: SAM-Right; Type: QD 000 P40 C; Serial: TP-1383
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Pin=250mW/Area Scan (61x61x1): Measurement grid: dx=15mm, dy=15mm
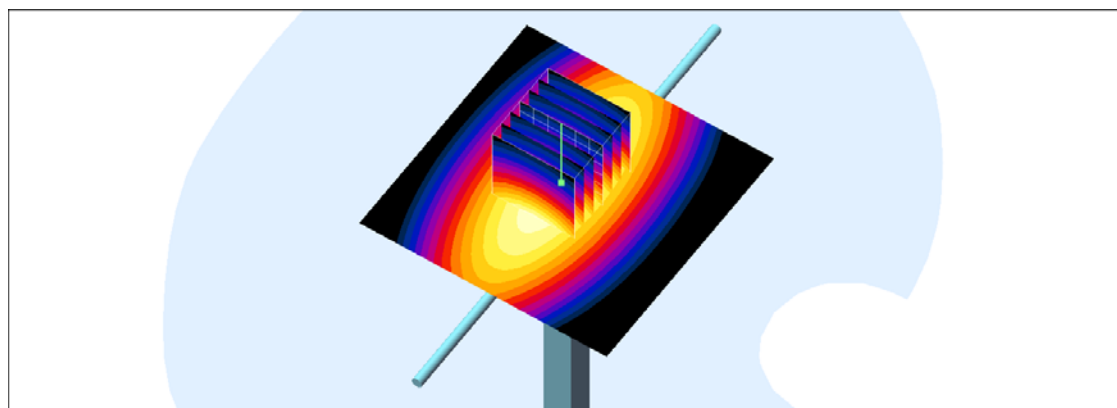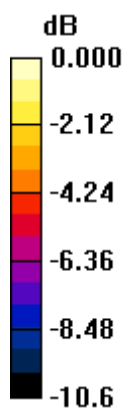Maximum value of SAR (interpolated) = 2.61 mW/g

Pin=250mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 53.0 V/m; Power Drift = 0.038 dB
Peak SAR (extrapolated) = 3.67 W/kg
SAR(1 g) = 2.41 mW/g; SAR(10 g) = 1.56 mW/g
Maximum value of SAR (measured) = 2.60 mW/g

0 dB = 2.60mW/g

System Check_Head_1900MHz_110927

DUT: Dipole 1900 MHz

Communication System: CW; Frequency: 1900 MHz;Duty Cycle: 1:1
Medium: HSL_1900_110927 Medium parameters used: f = 1900 MHz; σ = 1.43 mho/m; ε_r = 39; ρ =

1000 kg/m^3
Ambient Temperature：22.5 ℃；Liquid Temperature：21.5 ℃

DASY4 Configuration:
- Probe: EX3DV4 - SN3754; ConvF(7.38, 7.38, 7.38); Calibrated: 2011/1/11
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2011/4/28
- Phantom: SAM-Left; Type: QD 000 P40 C; Serial: TP-1478
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Pin=250mW/Area Scan (61x61x1): Measurement grid: dx=15mm, dy=15mm
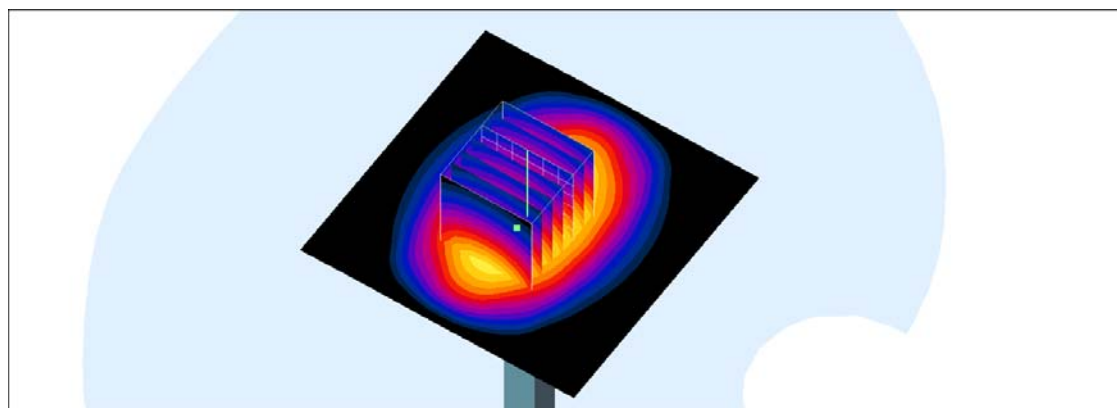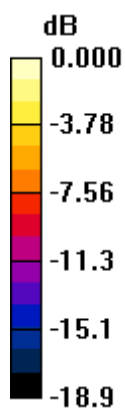Maximum value of SAR (interpolated) = 12.0 mW/g

Pin=250mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 89.2 V/m; Power Drift = 0.007 dB
Peak SAR (extrapolated) = 19.2 W/kg
SAR(1 g) = 10.1 mW/g; SAR(10 g) = 5.22 mW/g
Maximum value of SAR (measured) = 11.4 mW/g

0 dB = 11.4mW/g

System Check_Head_2450MHz_111022

DUT: Dipole 2450 MHz

Communication System: CW; Frequency: 2450 MHz;Duty Cycle: 1:1
Medium: HSL_2450_111022 Medium parameters used: f = 2450 MHz; σ = 1.824 mho/m; ε_r =

37.873; ρ = 1000 kg/m^3
Ambient Temperature：22.3 ℃；Liquid Temperature：21.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3792; ConvF(6.92, 6.92, 6.92); Calibrated: 2011/6/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2011/1/13
- Phantom: SAM Right; Type: QD000P40CD; Serial: TP:1644
- Measurement SW: DASY52, Version 52.6 (2); SEMCAD X Version 14.4.5 (3634)

Pin=250mW/Area Scan (91x91x1): Measurement grid: dx=10mm, dy=10mm
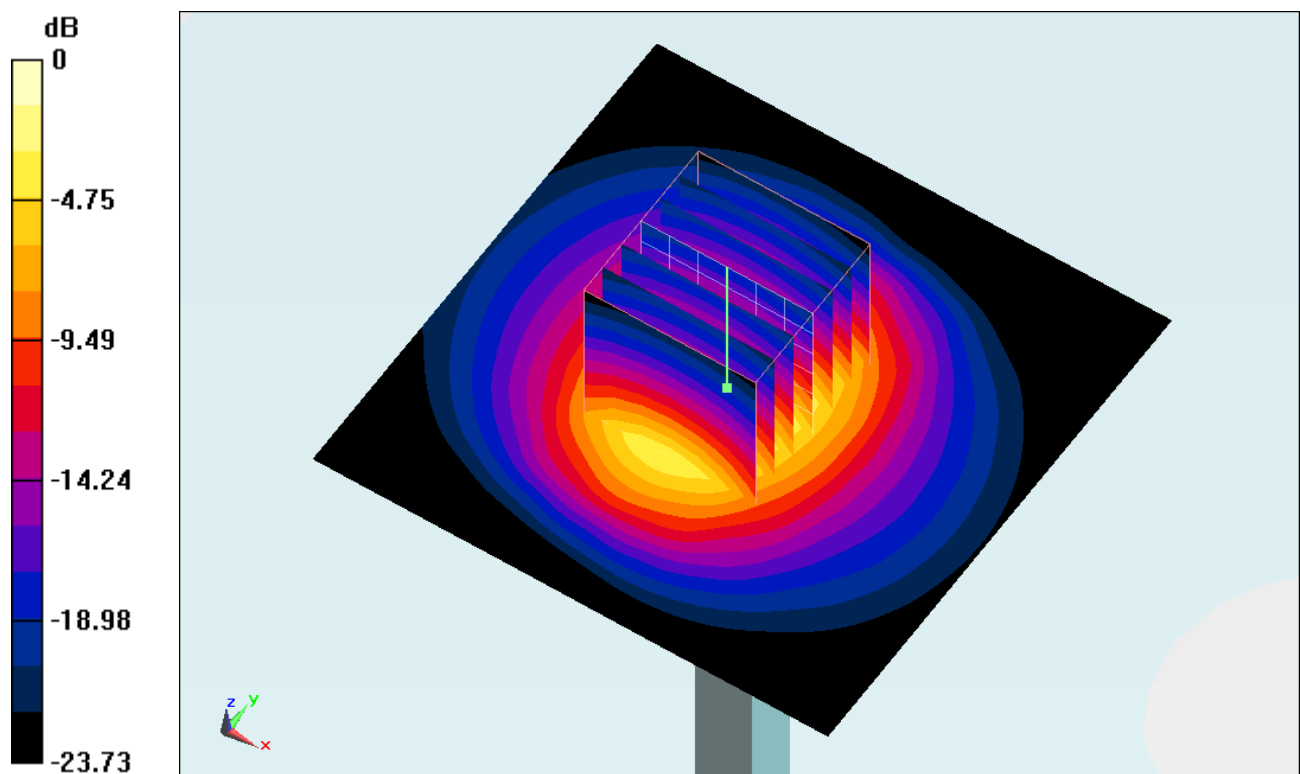Maximum value of SAR (interpolated) = 15.830 mW/g

Pin=250mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 91.338 V/m; Power Drift = 0.10 dB
Peak SAR (extrapolated) = 31.263 W/kg
SAR(1 g) = 13.7 mW/g; SAR(10 g) = 6.09 mW/g
Maximum value of SAR (measured) = 15.640 mW/g

0 dB = 15.640mW/g

System Check_Body_835MHz_110927

DUT: Dipole 835 MHz D835V2

Communication System: CW; Frequency: 835 MHz;Duty Cycle: 1:1
Medium: MSL_850_110927 Medium parameters used: f = 835 MHz; σ = 0.955 mho/m; ε_r = 52.69; ρ

= 1000 kg/m^3
Ambient Temperature：22.5 ℃；Liquid Temperature：21.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3792; ConvF(9.02, 9.02, 9.02); Calibrated: 2011/6/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2011/6/17
- Phantom: SAM Left; Type: QD000P40CD; Serial: TP:1542
- Measurement SW: DASY52, Version 52.6 (2); SEMCAD X Version 14.4.5 (3634)

Pin=250mW/Area Scan (61x61x1): Measurement grid: dx=15mm, dy=15mm
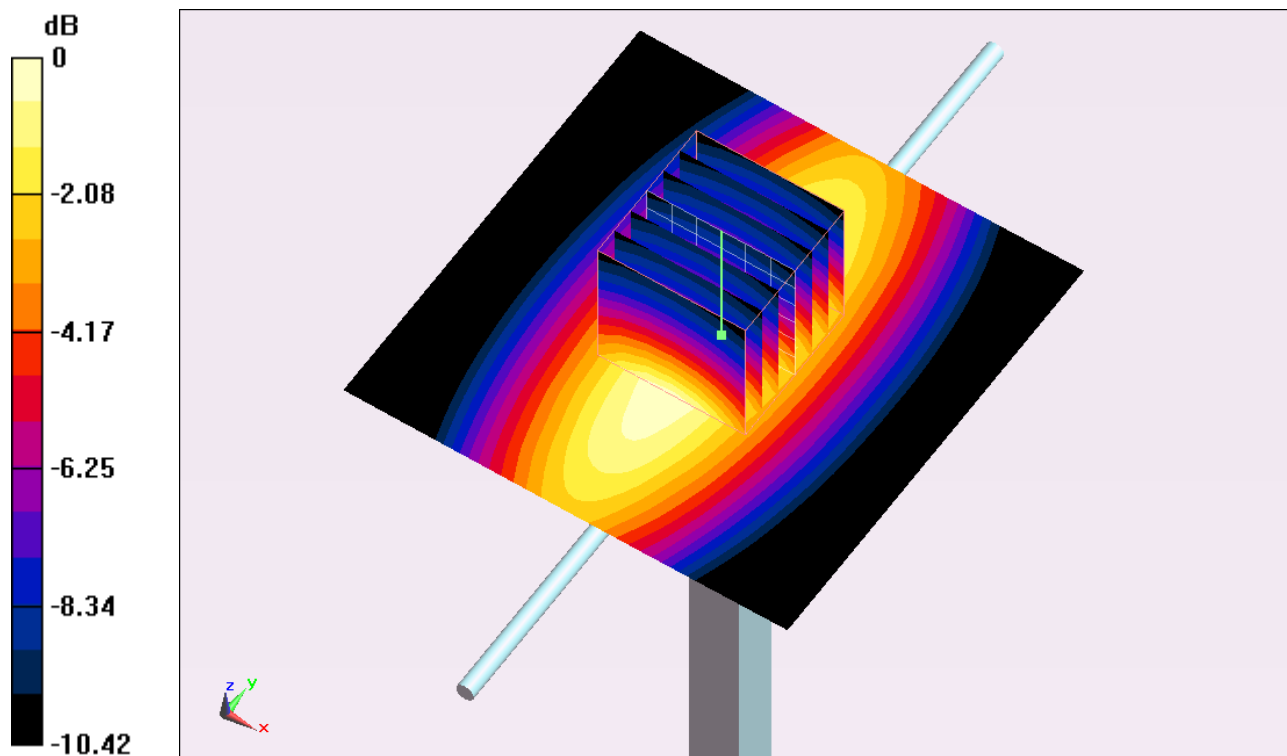Maximum value of SAR (interpolated) = 2.767 mW/g

Pin=250mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 53.734 V/m; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 4.077 W/kg
SAR(1 g) = 2.55 mW/g; SAR(10 g) = 1.62 mW/g
Maximum value of SAR (measured) = 2.779 mW/g

0 dB = 2.780mW/g

System Check_Body_835MHz_110928

DUT: Dipole 835 MHz D835V2

Communication System: CW; Frequency: 835 MHz;Duty Cycle: 1:1
Medium: MSL_850_110928 Medium parameters used: f = 835 MHz; σ = 0.964 mho/m; ε_r = 54.532;

ρ = 1000 kg/m^3
Ambient Temperature：22.6 ℃；Liquid Temperature：21.4 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3792; ConvF(9.02, 9.02, 9.02); Calibrated: 2011/6/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2011/6/17
- Phantom: SAM Right; Type: QD000P40CD; Serial: TP:1644
- Measurement SW: DASY52, Version 52.6 (2); SEMCAD X Version 14.4.5 (3634)

Pin=250mW/Area Scan (61x61x1): Measurement grid: dx=15mm, dy=15mm
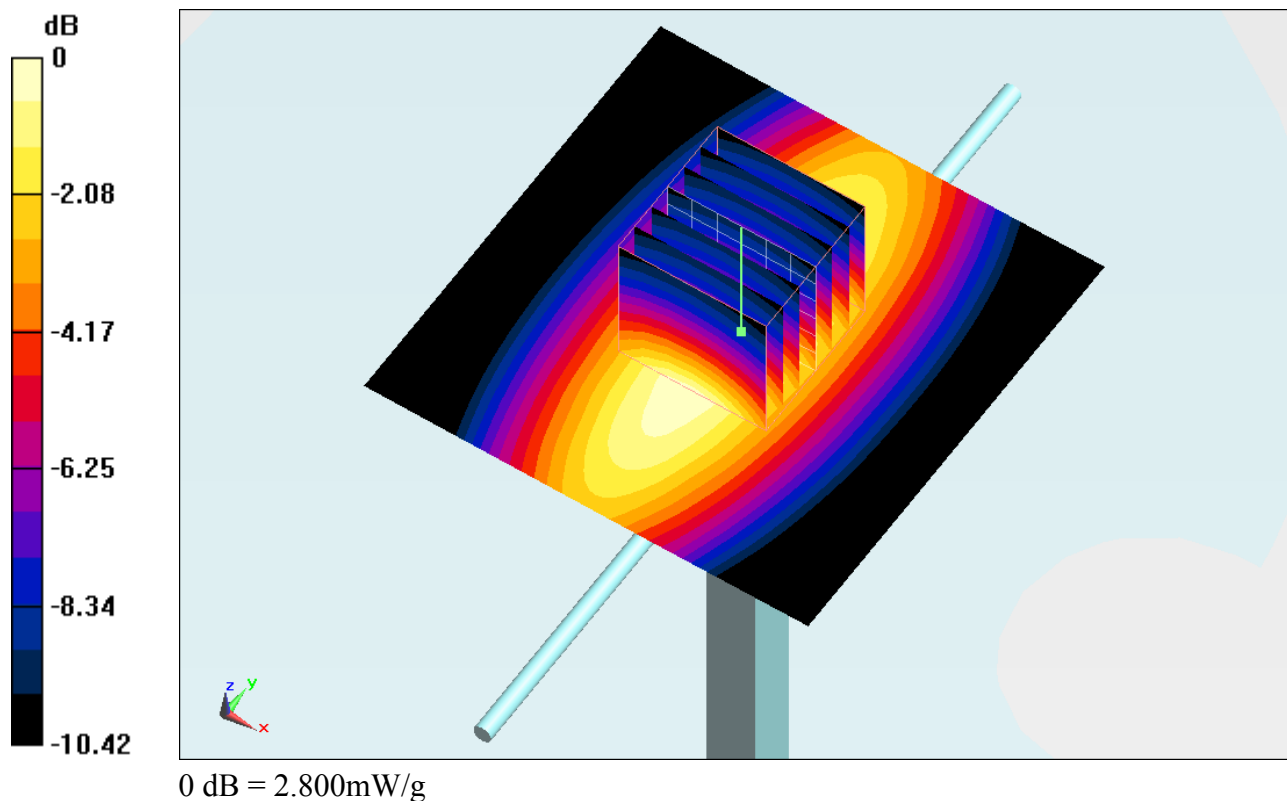Maximum value of SAR (interpolated) = 2.792 mW/g

Pin=250mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 53.734 V/m; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 4.115 W/kg
SAR(1 g) = 2.58 mW/g; SAR(10 g) = 1.64 mW/g
Maximum value of SAR (measured) = 2.805 mW/g

0 dB = 2.800mW/g

System Check_Body_1900MHz_110927

DUT: Dipole 1900 MHz

Communication System: CW; Frequency: 1900 MHz;Duty Cycle: 1:1
Medium: MSL_1900_110927 Medium parameters used: f = 1900 MHz; σ = 1.535 mho/m; ε$_r$ =

52.436; ρ = 1000 kg/m^3
Ambient Temperature：22.3 ℃；Liquid Temperature：21.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3792; ConvF(7.17, 7.17, 7.17); Calibrated: 2011/6/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2011/6/17
- Phantom: SAM Right; Type: QD000P40CD; Serial: TP:1644
- Measurement SW: DASY52, Version 52.6 (2); SEMCAD X Version 14.4.5 (3634)

Pin=250mW/Area Scan (91x91x1): Measurement grid: dx=10mm, dy=10mm
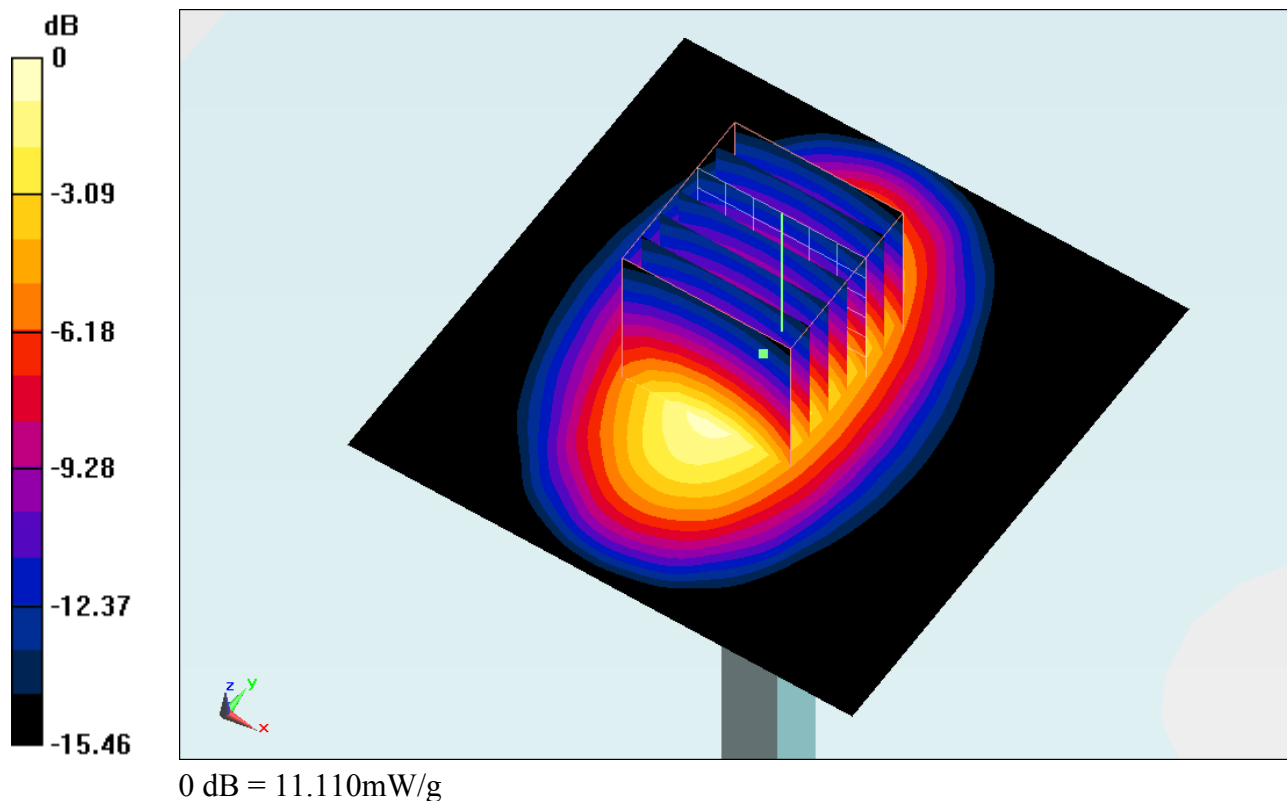Maximum value of SAR (interpolated) = 11.178 mW/g

Pin=250mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 82.857 V/m; Power Drift = 0.08 dB
Peak SAR (extrapolated) = 18.573 W/kg
SAR(1 g) = 10.1 mW/g; SAR(10 g) = 5.59 mW/g
Maximum value of SAR (measured) = 11.114 mW/g

0 dB = 11.110mW/g

System Check_Body_2450MHz_111021

DUT: Dipole 2450 MHz

Communication System: CW; Frequency: 2450 MHz;Duty Cycle: 1:1
Medium: MSL_2450_111021 Medium parameters used: f = 2450 MHz; σ = 1.963 mho/m; ε$_r$ =

52.895; ρ = 1000 kg/m^3
Ambient Temperature：22.4 ℃；Liquid Temperature：21.4 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3792; ConvF(6.67, 6.67, 6.67); Calibrated: 2011/6/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2011/1/13
- Phantom: SAM Left; Type: QD000P40CD; Serial: TP:1542
- Measurement SW: DASY52, Version 52.6 (2); SEMCAD X Version 14.4.5 (3634)

Pin=250mW/Area Scan (91x91x1): Measurement grid: dx=10mm, dy=10mm
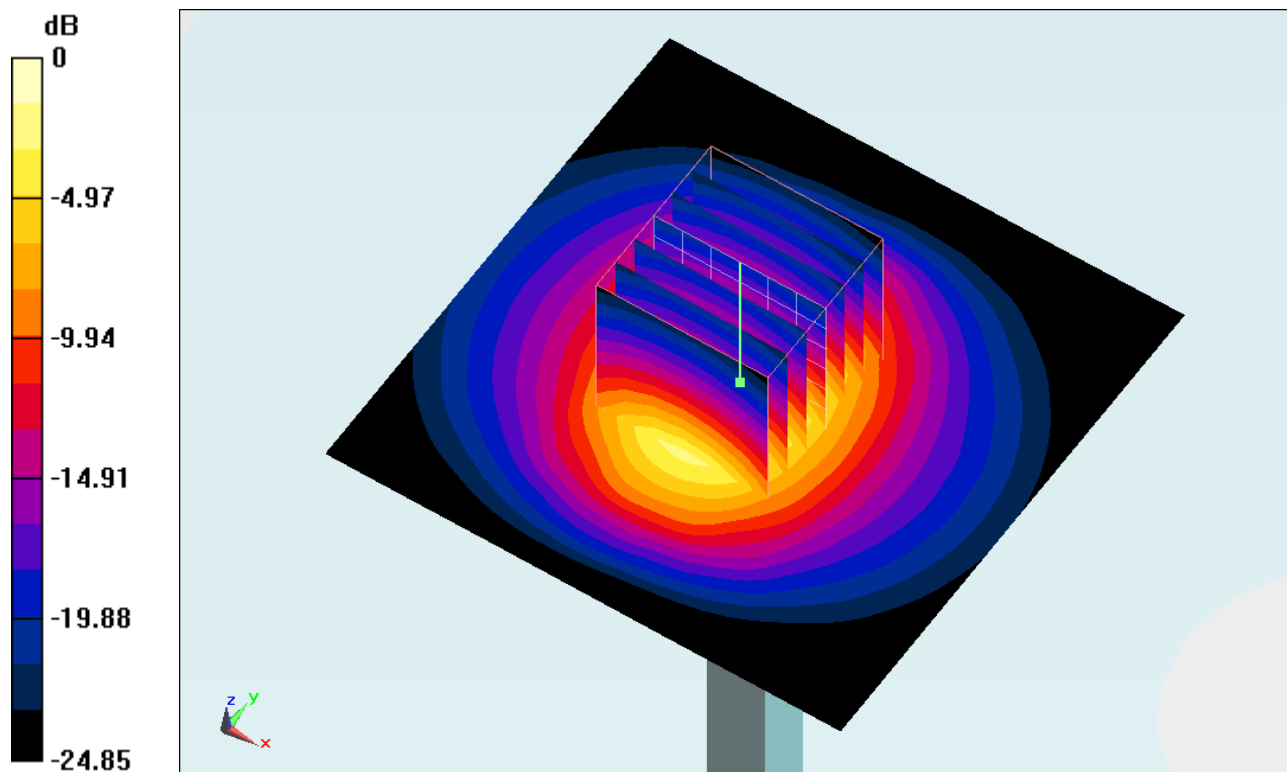Maximum value of SAR (interpolated) = 15.679 mW/g

Pin=250mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 86.454 V/m; Power Drift = 0.09 dB
Peak SAR (extrapolated) = 31.994 W/kg
SAR(1 g) = 13.6 mW/g; SAR(10 g) = 5.94 mW/g
Maximum value of SAR (measured) = 15.434 mW/g

0 dB = 15.430mW/g