System Check_Head_835MHz_110111

DUT: Dipole 835 MHz

Communication System: CW; Frequency: 835 MHz;Duty Cycle: 1:1
Medium: HSL_850_110111 Medium parameters used: f = 835 MHz; σ = 0.894 mho/m; ε_r = 43.2; ρ =

1000 kg/m^3
Ambient Temperature：22.5 ℃；Liquid Temperature：21.4 ℃

DASY4 Configuration:
- Probe: ET3DV6 - SN1787; ConvF(6.21, 6.21, 6.21); Calibrated: 2010/5/18
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2010/10/22
- 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=100mW/Area Scan (61x61x1): Measurement grid: dx=15mm, dy=15mm
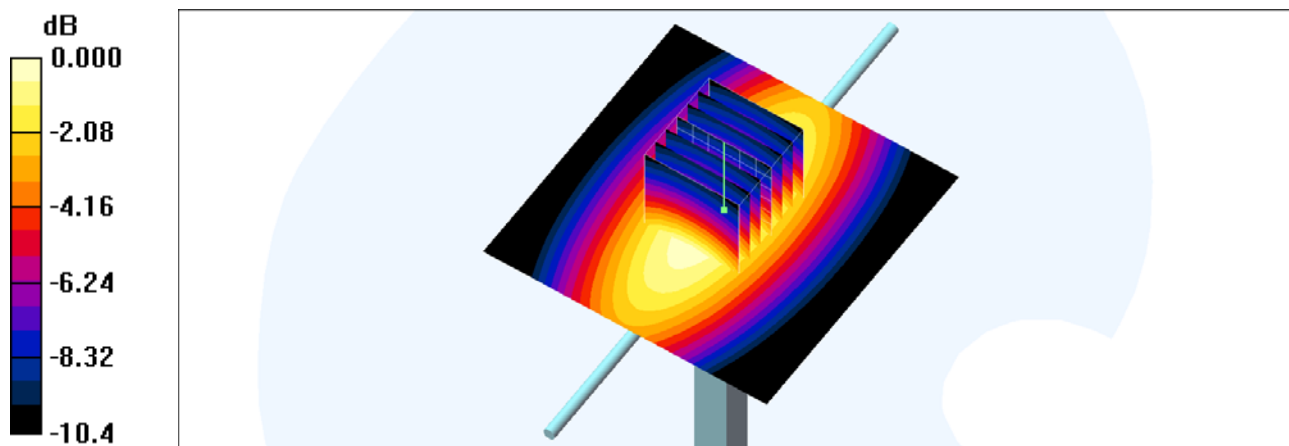Maximum value of SAR (interpolated) = 2.67 mW/g

Pin=100mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 56.8 V/m; Power Drift = -0.034 dB
Peak SAR (extrapolated) = 3.64 W/kg
SAR(1 g) = 2.48 mW/g; SAR(10 g) = 1.62 mW/g
Maximum value of SAR (measured) = 2.68 mW/g

0 dB = 2.68mW/g

System Check_Body_835MHz_110109

DUT: Dipole 835 MHz

Communication System: CW; Frequency: 835 MHz;Duty Cycle: 1:1
Medium: MSL_850_110109 Medium parameters used: f = 835 MHz; σ = 0.96 mho/m; ε_r = 55.2; ρ =

1000 kg/m^3
Ambient Temperature：22.4 ℃；Liquid Temperature：21.3 ℃

DASY4 Configuration:
- Probe: ET3DV6 - SN1787; ConvF(6.12, 6.12, 6.12); Calibrated: 2010/5/18
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2010/10/22
- 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
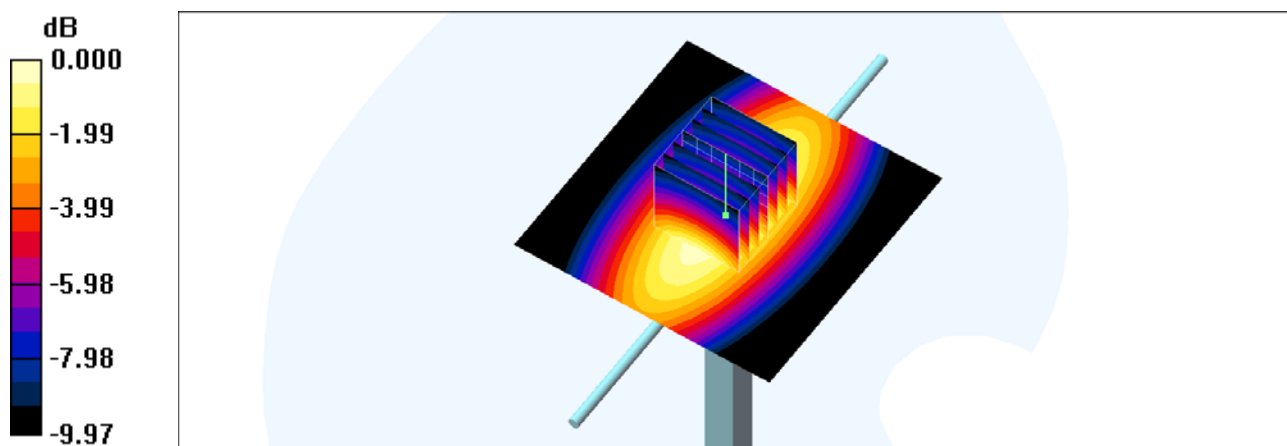Maximum value of SAR (interpolated) = 2.84 mW/g

Pin=250mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 56.5 V/m; Power Drift = -0.003 dB
Peak SAR (extrapolated) = 3.70 W/kg
SAR(1 g) = 2.62 mW/g; SAR(10 g) = 1.74 mW/g
Maximum value of SAR (measured) = 2.84 mW/g

0 dB = 2.84mW/g

System Check_Body_835MHz_110110

DUT: Dipole 835 MHz

Communication System: CW; Frequency: 835 MHz;Duty Cycle: 1:1
Medium: MSL_850_110110 Medium parameters used: f = 835 MHz; σ = 0.995 mho/m; ε_r = 56.7; ρ = 1000 kg/m^3
Ambient Temperature：22.5 ℃; Liquid Temperature：21.6 ℃

DASY4 Configuration:
- Probe: ET3DV6 - SN1787; ConvF(6.12, 6.12, 6.12); Calibrated: 2010/5/18
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2010/10/22
- Phantom: ELI 4.0_Front; Type: QDOVA001BB; Serial: 1026
- 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
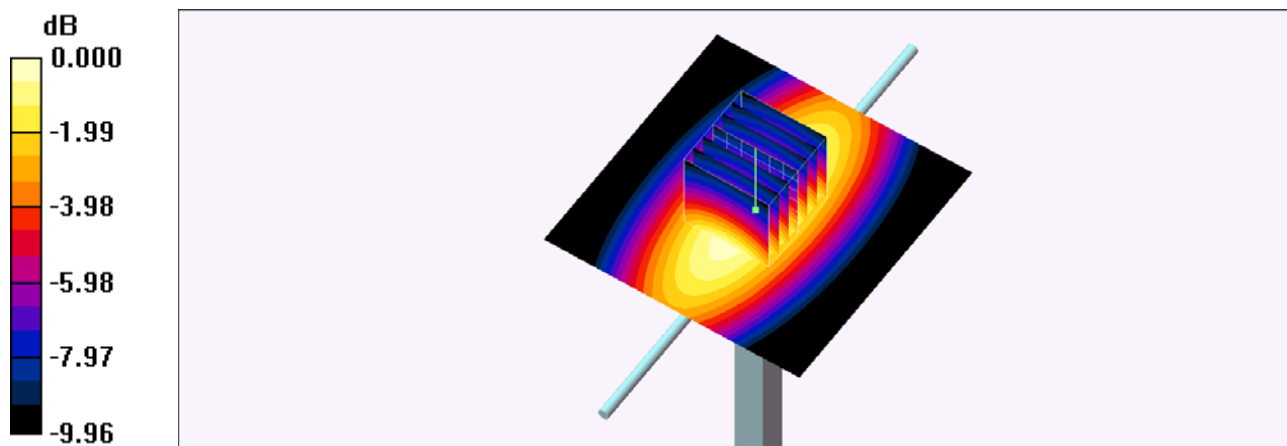Maximum value of SAR (interpolated) = 2.85 mW/g

Pin=250mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 55.8 V/m; Power Drift = -0.031 dB
Peak SAR (extrapolated) = 3.71 W/kg
SAR(1 g) = 2.63 mW/g; SAR(10 g) = 1.75 mW/g
Maximum value of SAR (measured) = 2.85 mW/g

0 dB = 2.85mW/g

System Check_Head_1900MHz_110112

DUT: Dipole 1900 MHz

Communication System: CW; Frequency: 1900 MHz;Duty Cycle: 1:1
Medium: HSL_1900_110112 Medium parameters used: f = 1900 MHz; σ = 1.44 mho/m; ε$_r$ = 39.2; ρ = 1000 kg/m^3
Ambient Temperature：22.8 ℃；Liquid Temperature：21.1 ℃

DASY4 Configuration:
- Probe: ET3DV6 - SN1787; ConvF(5.09, 5.09, 5.09); Calibrated: 2010/5/18
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2010/10/22
- Phantom: SAM-Left; Type: QD 000 P40 C; Serial: TP-1477
- 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
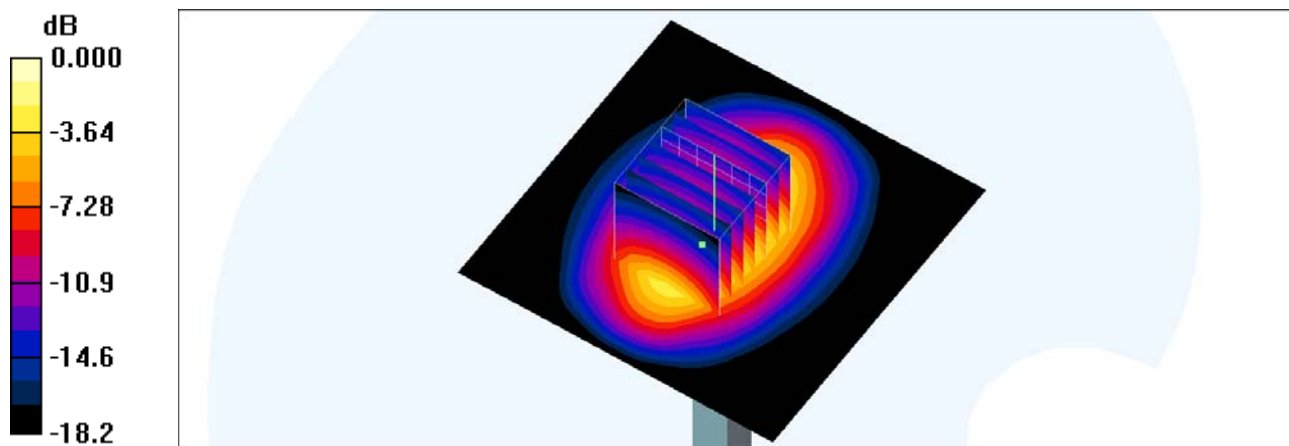Maximum value of SAR (interpolated) = 11.3 mW/g

Pin=250mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 91.6 V/m; Power Drift = -0.018 dB
Peak SAR (extrapolated) = 16.4 W/kg
SAR(1 g) = 9.55 mW/g; SAR(10 g) = 5.06 mW/g
Maximum value of SAR (measured) = 10.7 mW/g

0 dB = 10.7mW/g

System Check_Body_1900MHz_110109

DUT: Dipole 1900 MHz

Communication System: CW; Frequency: 1900 MHz;Duty Cycle: 1:1
Medium: MSL_1900_110109 Medium parameters used: f = 1900 MHz; σ = 1.5 mho/m; ε_r = 53; ρ = 1000

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

DASY5 Configuration:
- Probe: ET3DV6 - SN1788; ConvF(4.39, 4.39, 4.39); Calibrated: 2010/9/21
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn913; Calibrated: 2010/11/18
- Phantom: SAM - Front; Type: SAM; Serial: TP-1446
- 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
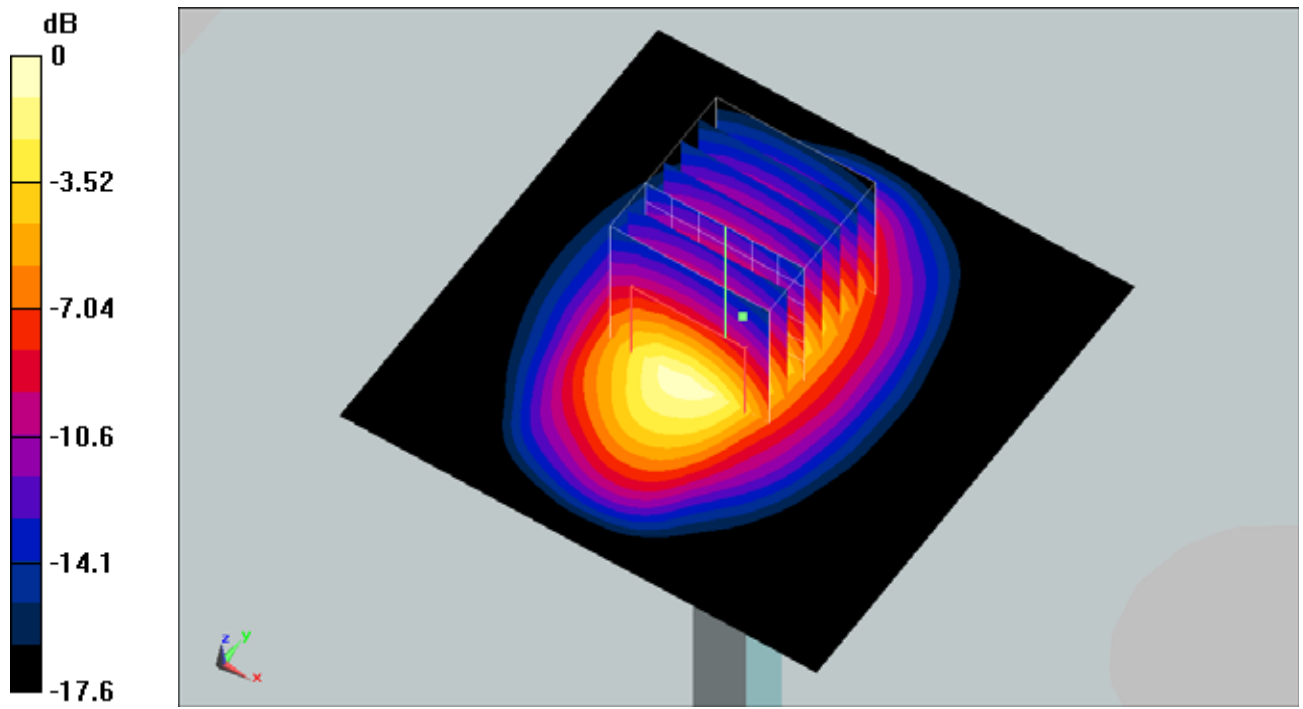Maximum value of SAR (interpolated) = 12.3 mW/g

Pin=250mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 92.2 V/m; Power Drift = 0.081 dB
Peak SAR (extrapolated) = 15.7 W/kg
SAR(1 g) = 10.1 mW/g; SAR(10 g) = 5.49 mW/g
Maximum value of SAR (measured) = 11.6 mW/g

0 dB = 11.6mW/g

System Check_Body_1900MHz_110111

DUT: Dipole 1900 MHz

Communication System: CW; Frequency: 1900 MHz;Duty Cycle: 1:1
Medium: MSL_1900_110111 Medium parameters used: f = 1900 MHz; σ = 1.52 mho/m; $ε_r$ = 54.6; ρ = 1000 kg/m^3

Ambient Temperature 22.3 ; Liquid Temperature 21.3

DASY5 Configuration:
- Probe: ET3DV6 - SN1788; ConvF(4.39, 4.39, 4.39); Calibrated: 2010/9/21
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn913; Calibrated: 2010/11/18
- Phantom: SAM-Back; Type: QD 000 P40 C; Serial: TP-1383
- 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
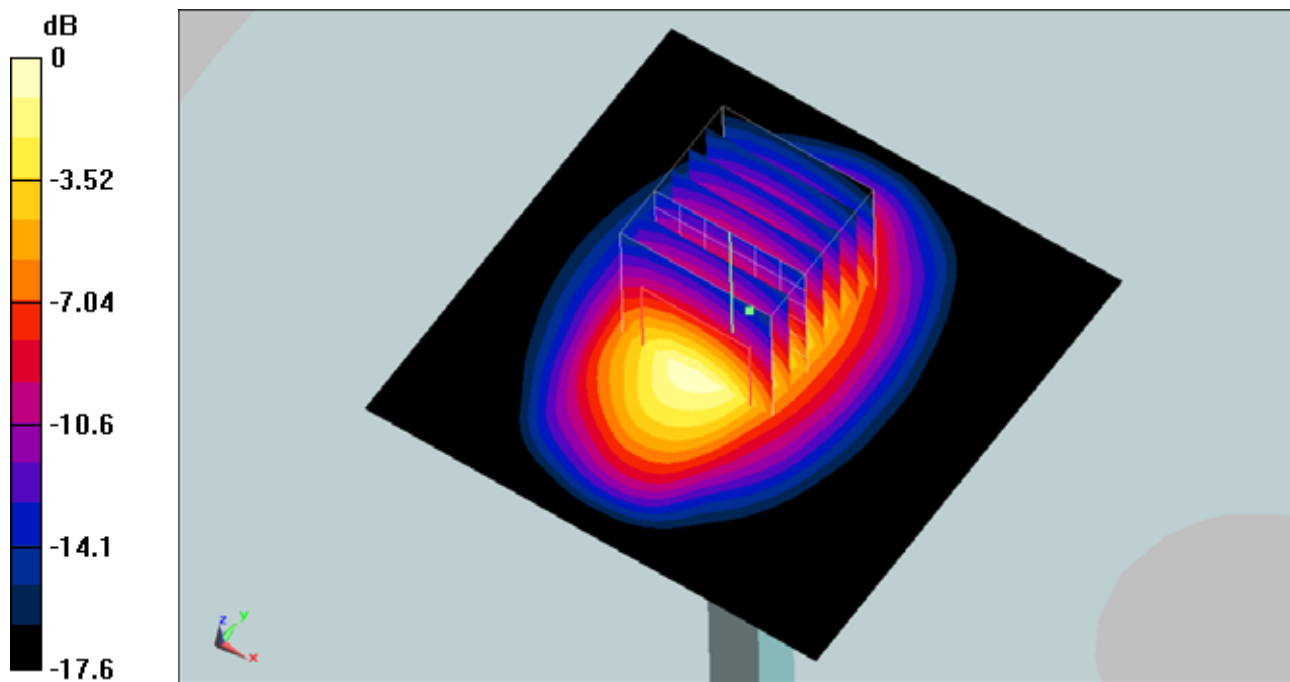Maximum value of SAR (interpolated) = 12.4 mW/g

Pin=250mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 92.2 V/m; Power Drift = 0.081 dB
Peak SAR (extrapolated) = 15.8 W/kg
SAR(1 g) = 10.2 mW/g; SAR(10 g) = 5.54 mW/g
Maximum value of SAR (measured) = 11.7 mW/g

0 dB = 11.7mW/g