System Check_835MHz_100124

DUT: Dipole 835 MHz

Communication System: CW; Frequency: 835 MHz;Duty Cycle: 1:1
Medium: HSL_850_100124 Medium parameters used: f = 835 MHz; σ = 0.915 mho/m; ε_r = 41.5; ρ = 1000 kg/m^3
Ambient Temperature：23.8 ℃；Liquid Temperature：21.5 ℃

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
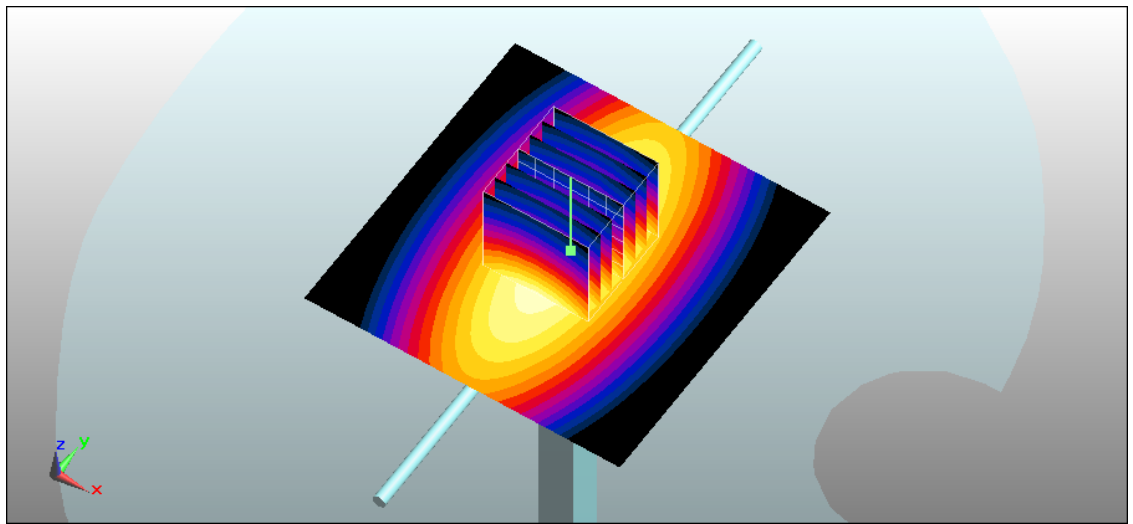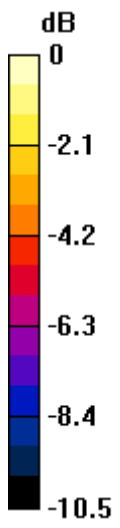Maximum value of SAR (interpolated) = 1.04 mW/g

Pin=100mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 33.6 V/m; Power Drift = -0.00423 dB
Peak SAR (extrapolated) = 1.46 W/kg
SAR(1 g) = 0.964 mW/g; SAR(10 g) = 0.629 mW/g
Maximum value of SAR (measured) = 1.04 mW/g

0 dB = 1.04mW/g

System Check_835MHz_100206

DUT: Dipole 835 MHz

Communication System: CW; Frequency: 835 MHz;Duty Cycle: 1:1
Medium: HSL_850_100206 Medium parameters used: f = 835 MHz; σ = 0.899 mho/m; ε_r = 41.2; ρ = 1000

kg/m^3
Ambient Temperature 23.0 ; Liquid Temperature 21.6

DASY5 Configuration:
- Probe: ET3DV6 - SN1788; ConvF(6.3, 6.3, 6.3); Calibrated: 2009/9/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2009/9/18
- 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=100mW/Area Scan (61x61x1): Measurement grid: dx=15mm, dy=15mm
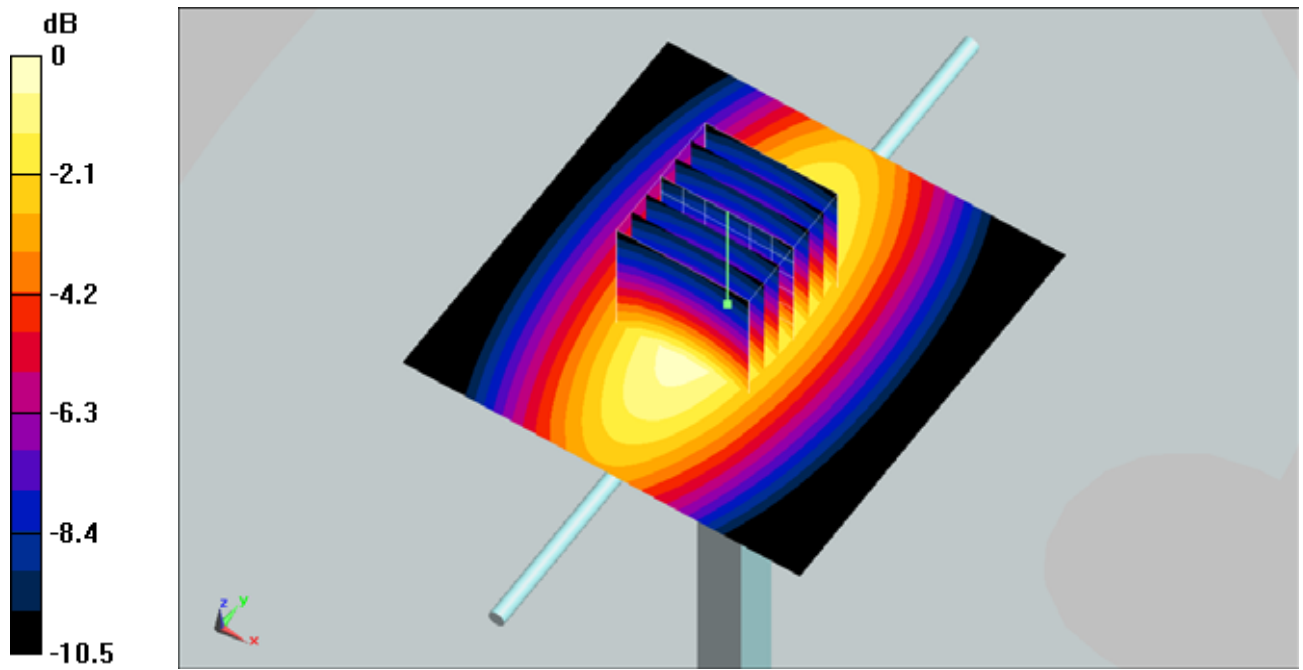Maximum value of SAR (interpolated) = 1.03 mW/g

Pin=100mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 35 V/m; Power Drift = -0.030 dB
Peak SAR (extrapolated) = 1.39 W/kg
SAR(1 g) = 0.944 mW/g; SAR(10 g) = 0.615 mW/g
Maximum value of SAR (measured) = 1.02 mW/g

0 dB = 1.02mW/g

System Check_835MHz_100209

DUT: Dipole 835 MHz

Communication System: CW; Frequency: 835 MHz;Duty Cycle: 1:1
Medium: MSL_850_100209 Medium parameters used: f = 835 MHz; σ = 0.975 mho/m; ε_r = 52.9; ρ = 1000

kg/m^3
Ambient Temperature   22.3   ; Liquid Temperature   21.5

DASY5 Configuration:
- Probe: ET3DV6 - SN1788; ConvF(6.08, 6.08, 6.08); Calibrated: 2009/9/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2009/9/18
- 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=100mW/Area Scan (61x61x1): Measurement grid: dx=15mm, dy=15mm
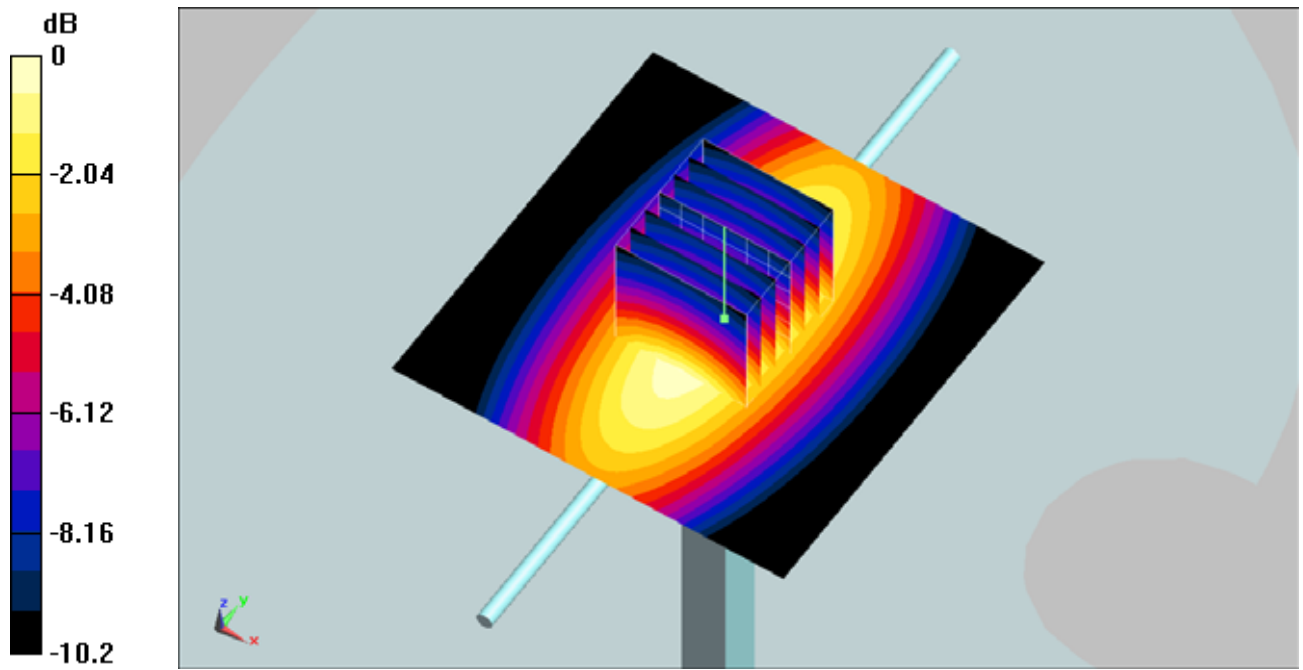Maximum value of SAR (interpolated) = 1.02 mW/g

Pin=100mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 33.4 V/m; Power Drift = -0.022 dB
Peak SAR (extrapolated) = 1.36 W/kg
SAR(1 g) = 0.940 mW/g; SAR(10 g) = 0.620 mW/g
Maximum value of SAR (measured) = 1.02 mW/g

0 dB = 1.02mW/g

System Check_1900MHz_100125

DUT: Dipole 1900 MHz

Communication System: CW; Frequency: 1900 MHz;Duty Cycle: 1:1
Medium: HSL_1900_100125 Medium parameters used: f = 1900 MHz; σ = 1.43 mho/m; ε_r = 41.2; ρ

= 1000 kg/m^3
Ambient Temperature：23.6 ℃；Liquid Temperature：21.4 ℃

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: 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
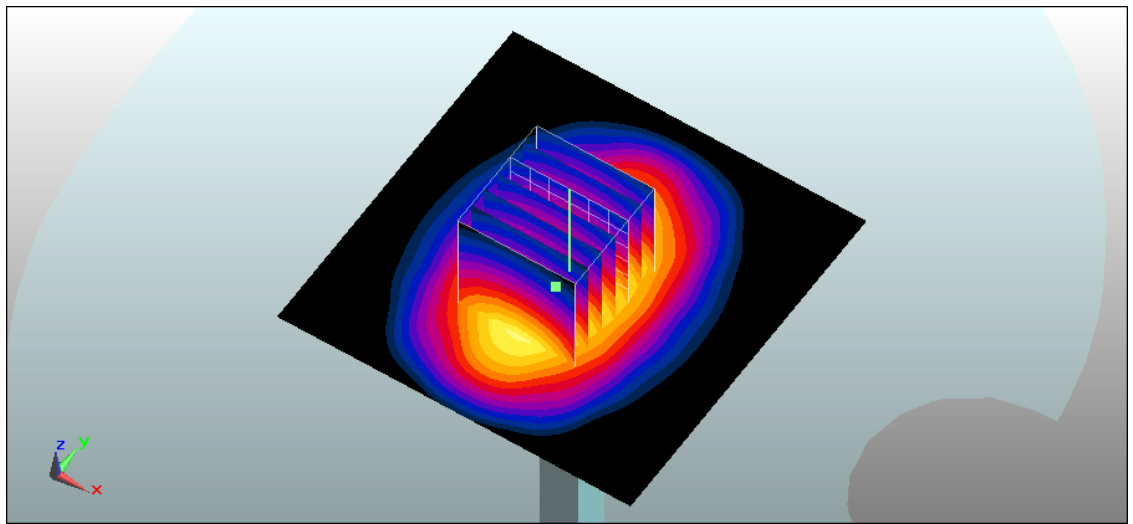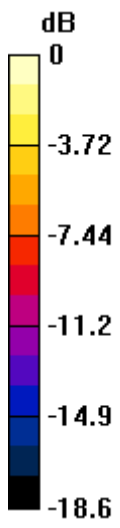Maximum value of SAR (interpolated) = 4.63 mW/g

Pin=100mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 55.4 V/m; Power Drift = 0.00641 dB
Peak SAR (extrapolated) = 7.55 W/kg
SAR(1 g) = 3.95 mW/g; SAR(10 g) = 2.03 mW/g
Maximum value of SAR (measured) = 4.41 mW/g

0 dB = 4.41mW/g

System Check_1900MHz_100206

DUT: Dipole 1900 MHz

Communication System: CW; Frequency: 1900 MHz;Duty Cycle: 1:1
Medium: HSL_1900_100206 Medium parameters used: f = 1900 MHz; σ = 1.46 mho/m; ε_r = 38; ρ = 1000 kg/m^3

Ambient Temperature 22.3 ; Liquid Temperature 21.6

DASY5 Configuration:
- Probe: ET3DV6 - SN1788; ConvF(5.11, 5.11, 5.11); Calibrated: 2009/9/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2009/9/18
- Phantom: SAM - Front; Type: SAM; Serial: TP-1446
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

Pin=100mW/Area Scan (61x61x1): Measurement grid: dx=15mm, dy=15mm
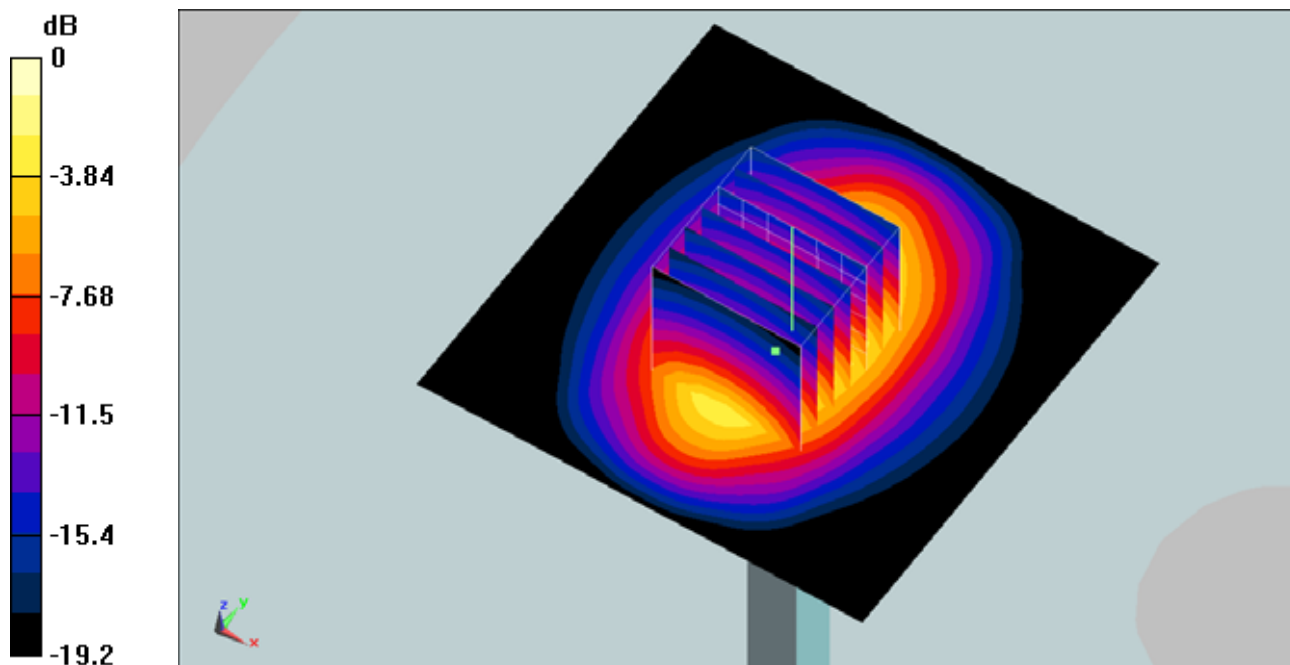Maximum value of SAR (interpolated) = 4.73 mW/g

Pin=100mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 59.2 V/m; Power Drift = -0.021 dB
Peak SAR (extrapolated) = 7.06 W/kg
SAR(1 g) = 4.01 mW/g; SAR(10 g) = 2.08 mW/g
Maximum value of SAR (measured) = 4.56 mW/g

0 dB = 4.56mW/g

System Check_1900MHz_100209

DUT: Dipole 1900 MHz

Communication System: CW; Frequency: 1900 MHz;Duty Cycle: 1:1
Medium: MSL_1900_100209 Medium parameters used: f = 1900 MHz; σ = 1.53 mho/m; ε_r = 51.6; ρ = 1000

kg/m^3
Ambient Temperature 22.2 ; Liquid Temperature 21.6

DASY5 Configuration:
- Probe: ET3DV6 - SN1788; ConvF(4.52, 4.52, 4.52); Calibrated: 2009/9/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2009/9/18
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1029
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

Pin=100mW/Area Scan (61x61x1): Measurement grid: dx=15mm, dy=15mm
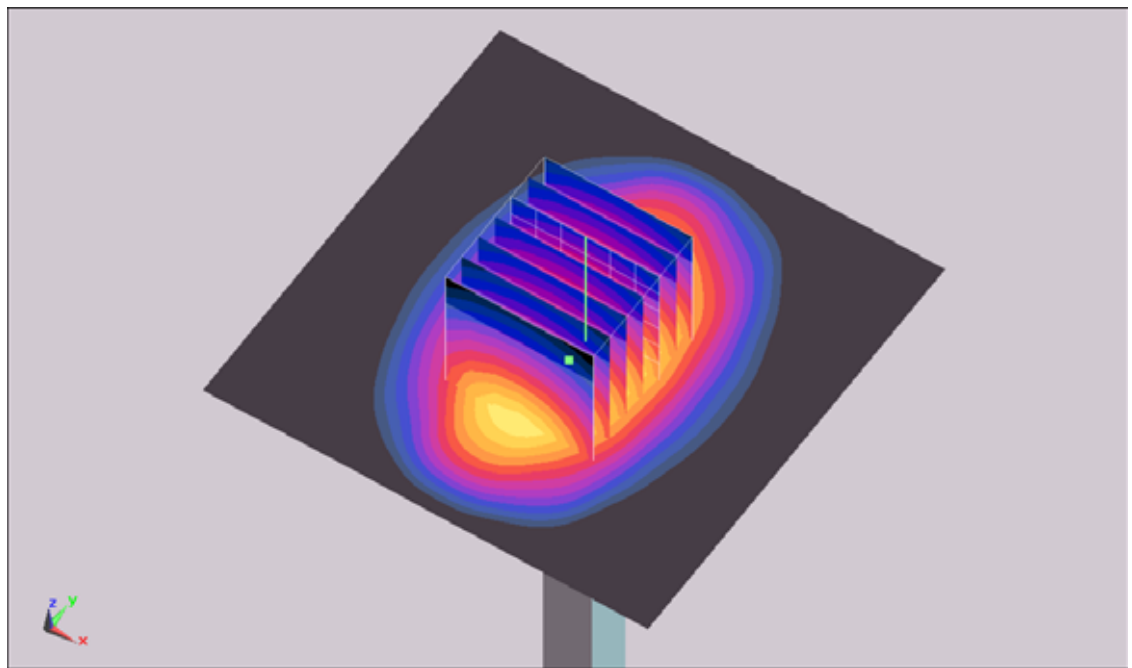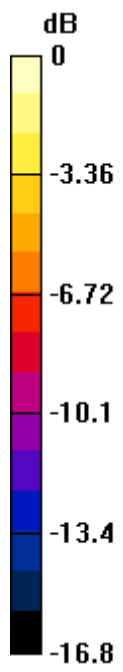Maximum value of SAR (interpolated) = 4.95 mW/g

Pin=100mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 59.2 V/m; Power Drift = -0.019 dB
Peak SAR (extrapolated) = 6 W/kg
SAR(1 g) = 4.03 mW/g; SAR(10 g) = 2.21 mW/g
Maximum value of SAR (measured) = 4.6 mW/g

0 dB = 4.6mW/g