System Check_Head_835MHz_100730

DUT: Dipole 835 MHz

Communication System: CW; Frequency: 835 MHz;Duty Cycle: 1:1
Medium: HSL_850_100730 Medium parameters used: f = 835 MHz; σ = 0.921 mho/m; ε_r = 41.3; ρ = 1000 kg/m^3
Ambient Temperature 22.3 ; Liquid Temperature 21.3

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
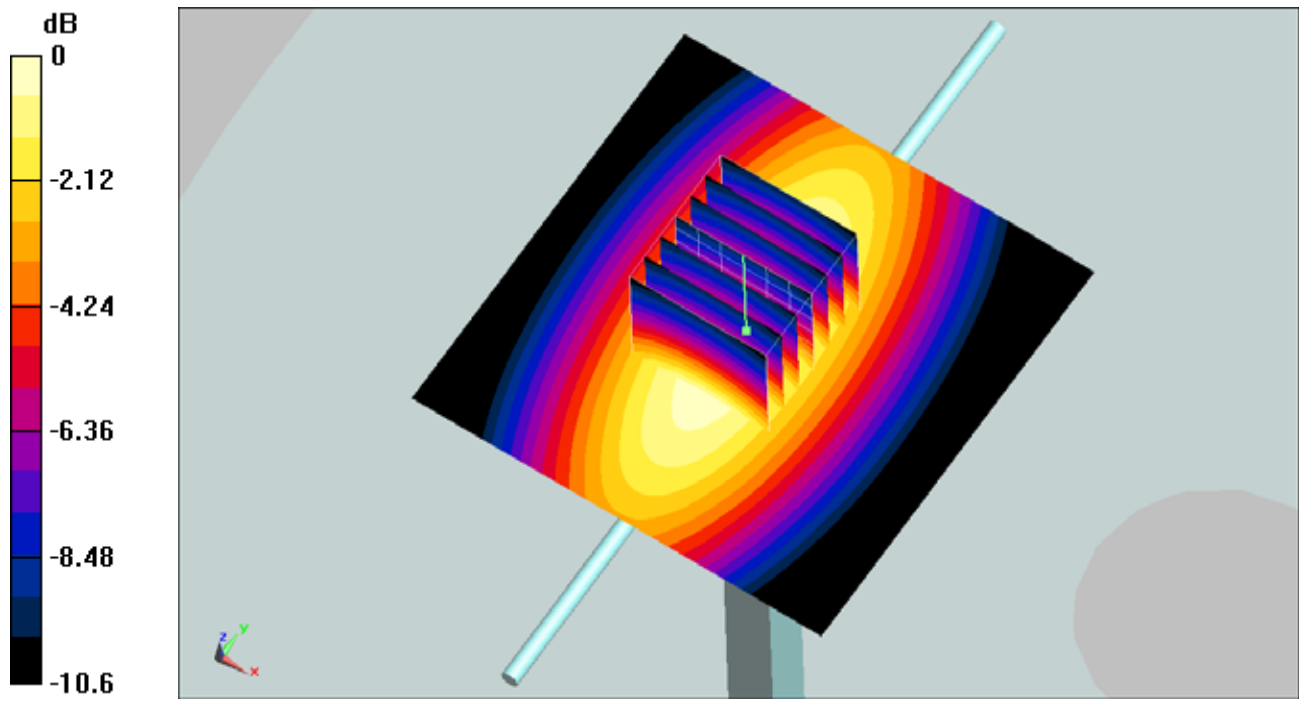Maximum value of SAR (interpolated) = 1.05 mW/g

Pin=100mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 34.9 V/m; Power Drift = -0.015 dB
Peak SAR (extrapolated) = 1.42 W/kg
SAR(1 g) = 0.971 mW/g; SAR(10 g) = 0.634 mW/g
Maximum value of SAR (measured) = 1.05 mW/g

0 dB = 1.05mW/g

System Check_Body_835MHz_100730

DUT: Dipole 835 MHz

Communication System: CW; Frequency: 835 MHz;Duty Cycle: 1:1
Medium: MSL_850_100730 Medium parameters used: f = 835 MHz; σ = 0.963 mho/m; $ε_r$ = 54.6; ρ = 1000 kg/m^3
Ambient Temperature 22.5 ; 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 - 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
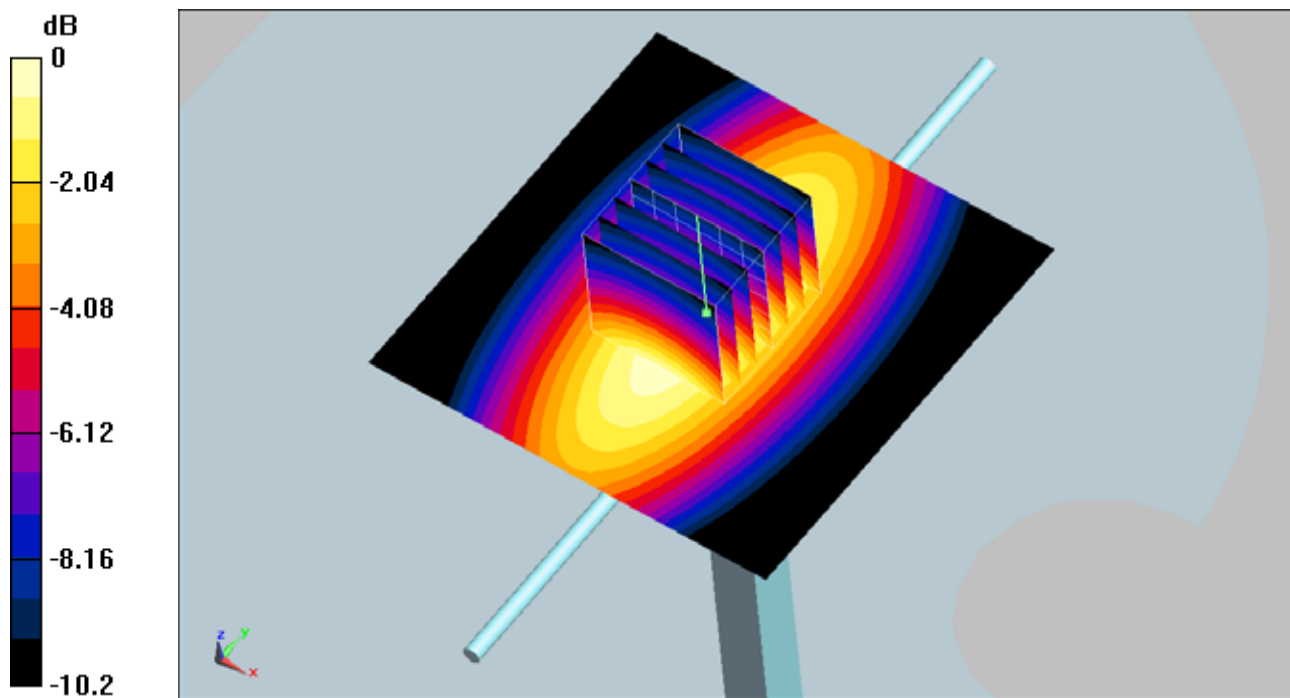Maximum value of SAR (interpolated) = 0.967 mW/g

Pin=100mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 32.9 V/m; Power Drift = -0.018 dB
Peak SAR (extrapolated) = 1.29 W/kg
SAR(1 g) = 0.894 mW/g; SAR(10 g) = 0.588 mW/g
Maximum value of SAR (measured) = 0.970 mW/g

0 dB = 0.970mW/g

System Check_Head_1900MHz_100730

DUT: Dipole 1900 MHz

Communication System: CW; Frequency: 1900 MHz;Duty Cycle: 1:1
Medium: HSL_1900_100730 Medium parameters used: f = 1900 MHz; σ = 1.45 mho/m; ε_r = 39.5; ρ = 1000

kg/m^3
Ambient Temperature 22.2   ; Liquid Temperature 21.2

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
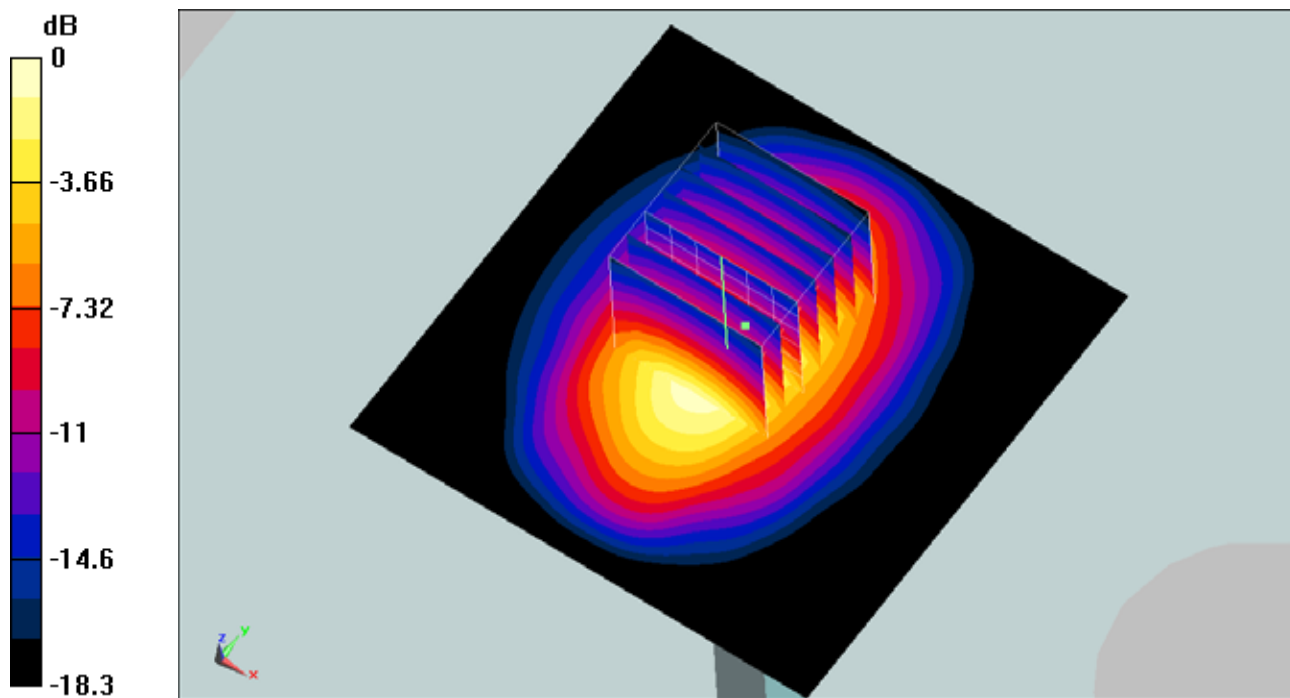Maximum value of SAR (interpolated) = 4.65 mW/g

Pin=100mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 57.9 V/m; Power Drift = 0.057 dB
Peak SAR (extrapolated) = 6.8 W/kg
SAR(1 g) = 3.94 mW/g; SAR(10 g) = 2.07 mW/g
Maximum value of SAR (measured) = 4.49 mW/g

0 dB = 4.49mW/g

System Check_Body_1900MHz_100729

DUT: Dipole 1900 MHz

Communication System: CW; Frequency: 1900 MHz;Duty Cycle: 1:1
Medium: MSL_1900_100729 Medium parameters used: f = 1900 MHz; σ = 1.52 mho/m; ε_r = 53.2; ρ = 1000

kg/m^3
Ambient Temperature 22.5 ; Liquid Temperature 21.4

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: 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
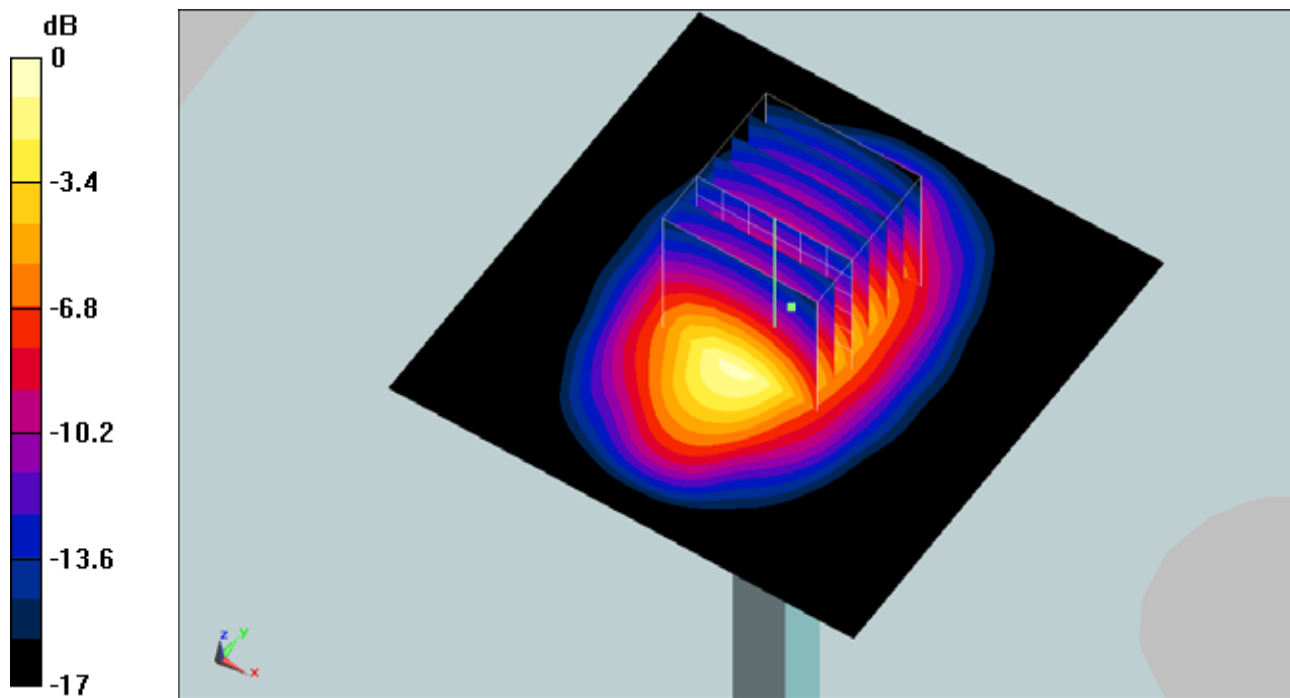Maximum value of SAR (interpolated) = 4.39 mW/g

Pin=100mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 59 V/m; Power Drift = 0.00653 dB
Peak SAR (extrapolated) = 5.69 W/kg
SAR(1 g) = 3.77 mW/g; SAR(10 g) = 2.05 mW/g
Maximum value of SAR (measured) = 4.31 mW/g

0 dB = 4.31mW/g