System Check_835MHz_100205

DUT: Dipole 835 MHz

Communication System: CW; Frequency: 835 MHz;Duty Cycle: 1:1
Medium: MSL_850_100205 Medium parameters used: f = 835 MHz; σ = 0.969 mho/m; ε_r = 56.1; ρ =
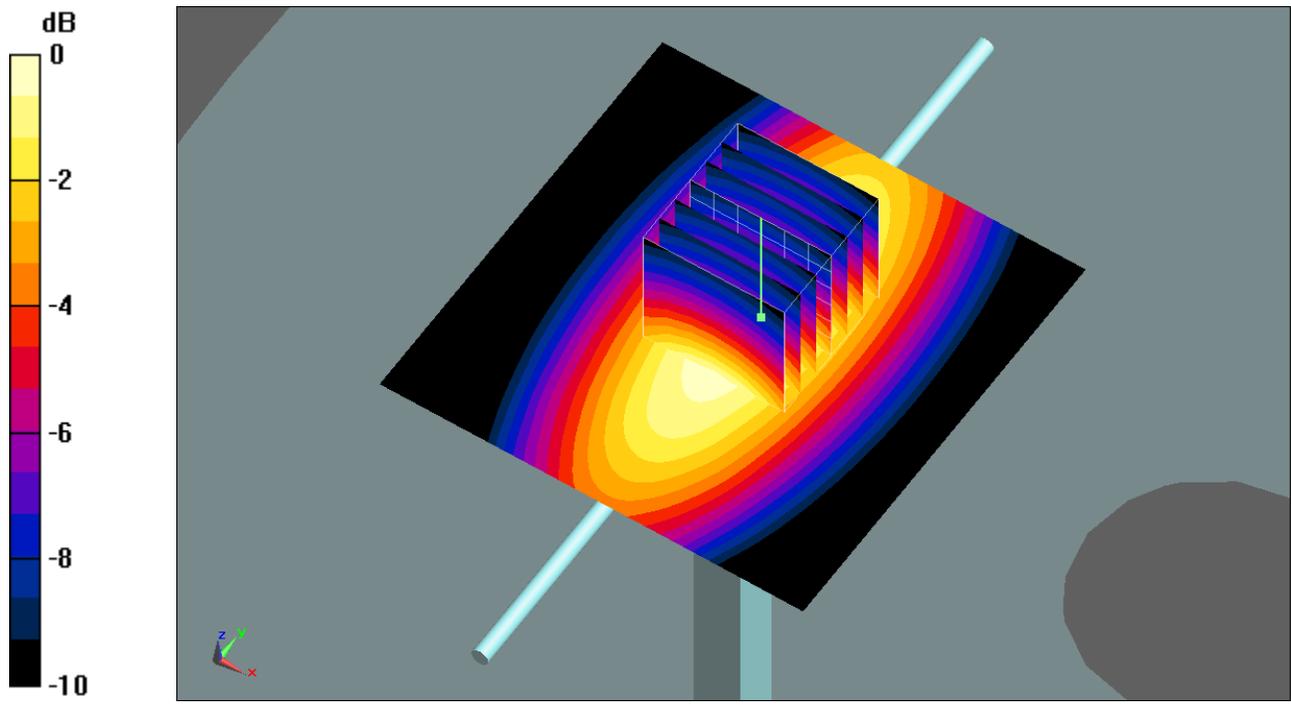
1000 kg/m^3
Ambient Temperature : 23.3 °C; Liquid Temperature : 21.3 °C

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(8.22, 8.22, 8.22); Calibrated: 2009/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2009/11/16
- Phantom: SAM1; Type: SAM; Serial: TP-1477
- 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) = 1.05 mW/g

Pin=100mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 32.6 V/m; Power Drift = -0.010 dB
Peak SAR (extrapolated) = 1.45 W/kg
SAR(1 g) = 0.973 mW/g; SAR(10 g) = 0.642 mW/g
Maximum value of SAR (measured) = 1.05 mW/g

0 dB = 1.05mW/g

System Check_835MHz_100214

DUT: Dipole 835 MHz

Communication System: CW; Frequency: 835 MHz;Duty Cycle: 1:1
Medium: MSL_850_100214 Medium parameters used: f = 835 MHz; σ = 0.976 mho/m; ε_r = 53; ρ = 1000

kg/m^3
Ambient Temperature 22.5 ; Liquid Temperature 21.3

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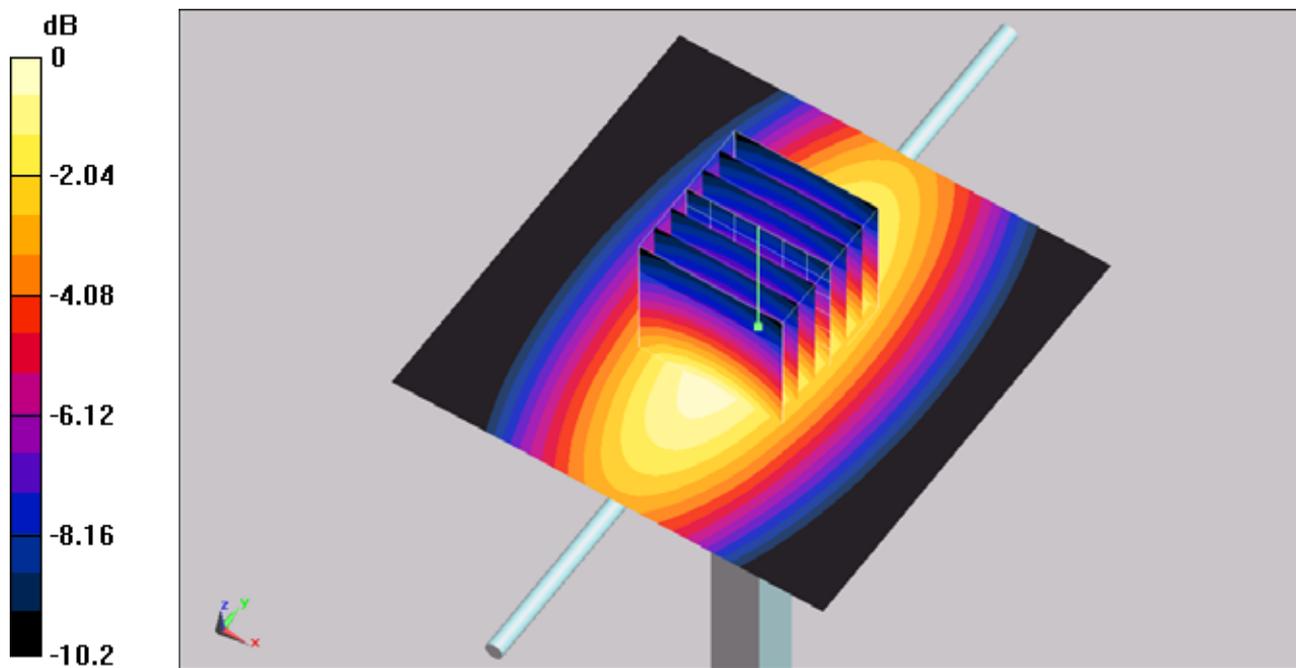Maximum value of SAR (interpolated) = 1.05 mW/g

Pin=100mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 33.9 V/m; Power Drift = -0.011 dB
Peak SAR (extrapolated) = 1.41 W/kg
SAR(1 g) = 0.974 mW/g; SAR(10 g) = 0.643 mW/g
Maximum value of SAR (measured) = 1.05 mW/g

0 dB = 1.05mW/g

System Check_835MHz_100217

DUT: Dipole 835 MHz

Communication System: CW; Frequency: 835 MHz;Duty Cycle: 1:1
Medium: MSL_850_100217 Medium parameters used: f = 835 MHz; σ = 0.984 mho/m; $ε_r$ = 54.5; ρ = 1000

kg/m^3
Ambient Temperature 22.7   ; Liquid Temperature 21.4

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: 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
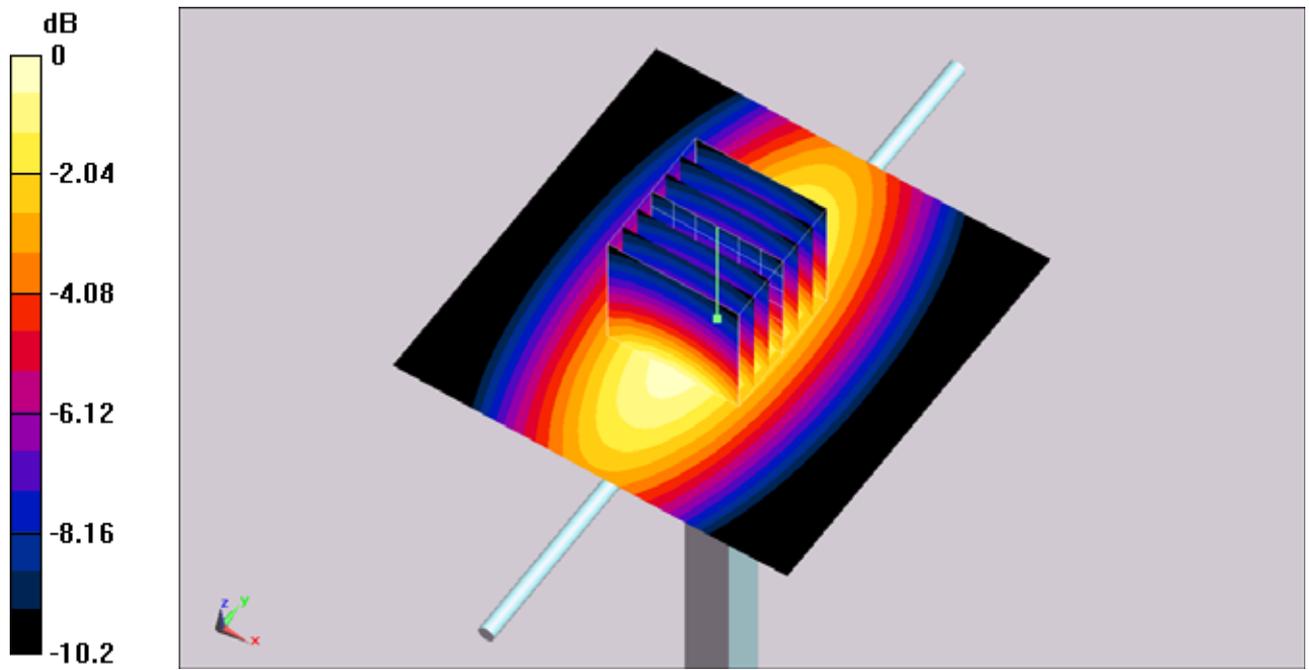Maximum value of SAR (interpolated) = 0.987 mW/g

Pin=100mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 32.9 V/m; Power Drift = -0.047 dB
Peak SAR (extrapolated) = 1.32 W/kg
SAR(1 g) = 0.913 mW/g; SAR(10 g) = 0.601 mW/g
Maximum value of SAR (measured) = 0.991 mW/g

0 dB = 0.991mW/g

System Check_1900MHz_100208

DUT: Dipole 1900 MHz

Communication System: CW; Frequency: 1900 MHz;Duty Cycle: 1:1
Medium: MSL_1900_100208 Medium parameters used: f = 1900 MHz; σ = 1.53 mho/m; ε_r = 54.9; ρ =
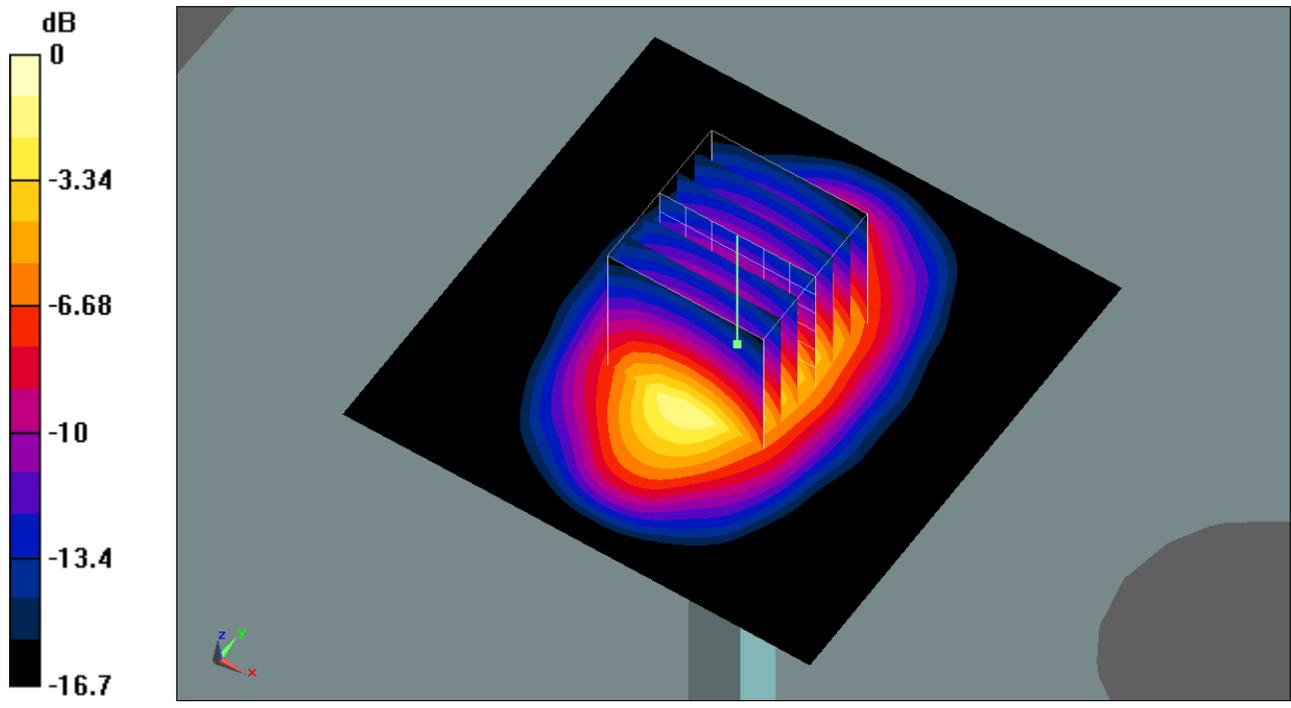
1000 kg/m^3
Ambient Temperature : 23.2 °C; Liquid Temperature : 21.4 °C

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(7.04, 7.04, 7.04); Calibrated: 2009/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2009/11/16
- Phantom: SAM1; Type: SAM; Serial: TP-1477
- 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) = 4.14 mW/g

Pin=100mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 52.1 V/m; Power Drift = -0.054 dB
Peak SAR (extrapolated) = 6.64 W/kg
SAR(1 g) = 3.65 mW/g; SAR(10 g) = 1.92 mW/g
Maximum value of SAR (measured) = 4.12 mW/g

0 dB = 4.12mW/g

System Check_1900MHz_100214

DUT: Dipole 1900 MHz

Communication System: CW; Frequency: 1900 MHz;Duty Cycle: 1:1
Medium: MSL_1900_100214 Medium parameters used: f = 1900 MHz; σ = 1.54 mho/m; ε_r = 52.5; ρ = 1000 kg/m^3
Ambient Temperature 22.2 ; 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: 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
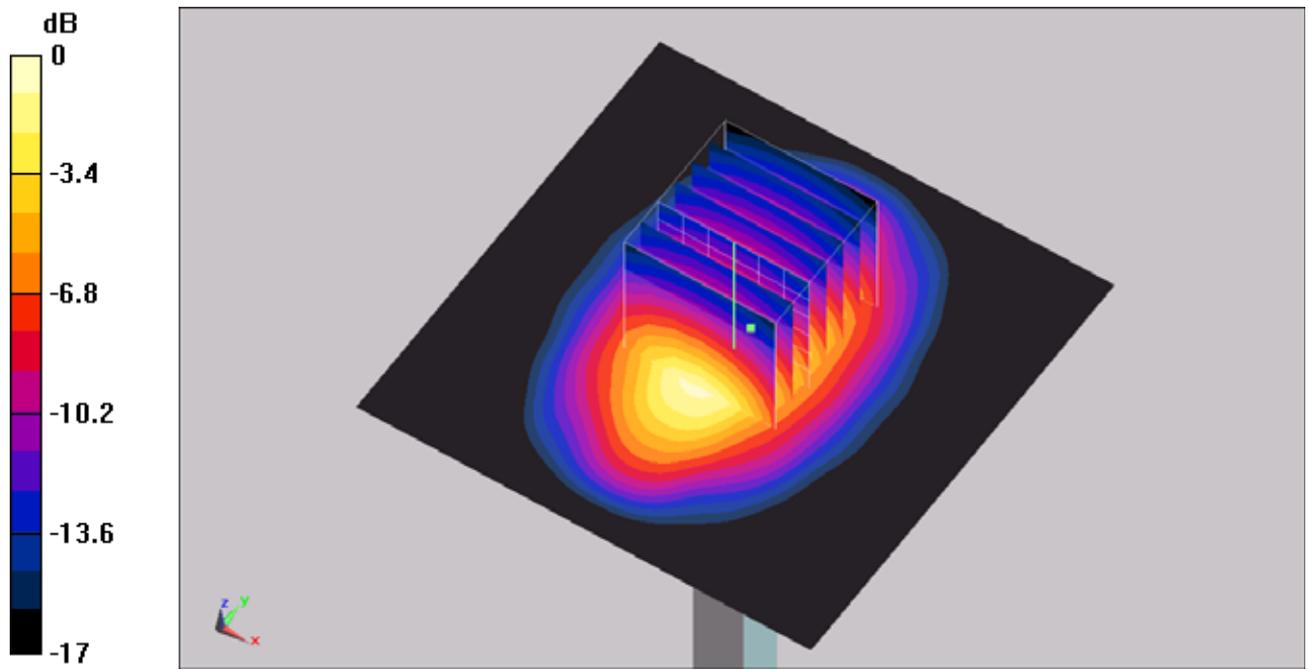Maximum value of SAR (interpolated) = 4.46 mW/g

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) = 5.77 W/kg
SAR(1 g) = 3.82 mW/g; SAR(10 g) = 2.08 mW/g
Maximum value of SAR (measured) = 4.37 mW/g

0 dB = 4.37mW/g

System Check_1900MHz_100217

DUT: Dipole 1900 MHz

Communication System: CW; Frequency: 1900 MHz;Duty Cycle: 1:1
Medium: MSL_1900_100217 Medium parameters used: f = 1900 MHz; σ = 1.54 mho/m; ε_r = 52.5; ρ = 1000

kg/m^3
Ambient Temperature 22.5 ; Liquid Temperature 21.3

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 - 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
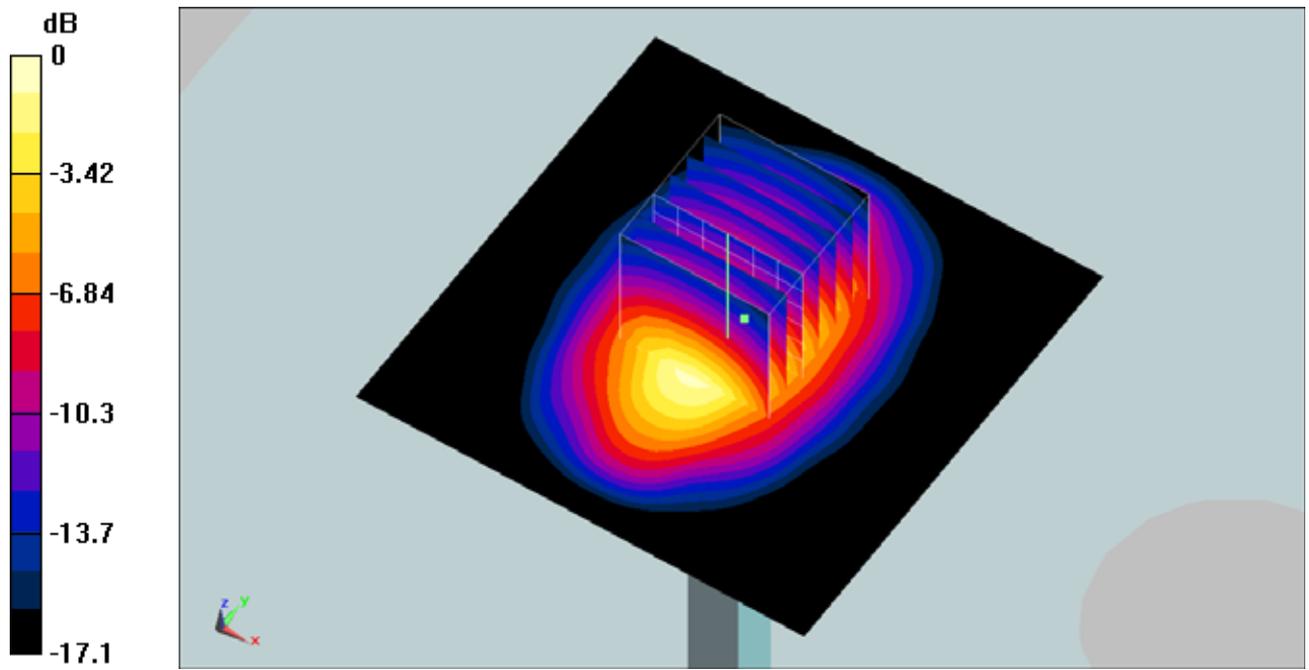Maximum value of SAR (interpolated) = 4.57 mW/g

Pin=100mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 59.9 V/m; Power Drift = 0.000559 dB
Peak SAR (extrapolated) = 5.95 W/kg
SAR(1 g) = 3.92 mW/g; SAR(10 g) = 2.13 mW/g
Maximum value of SAR (measured) = 4.49 mW/g

0 dB = 4.56mW/g