# System Check_H835_120122

## DUT: Dipole 835 MHz; Type: D835V2; SN: 4d021

Communication System: CW; Frequency: 835 MHz;Duty Cycle: 1:1
Medium: H835_0122 Medium parameters used: f = 835 MHz; σ = 0.886 mho/m; $ε_r$ = 42; ρ = 1000 kg/m$^3$
Ambient Temperature：21.4 ℃；Liquid Temperature：20.2 ℃

DASY4 Configuration:
- Probe: EX3DV4 - SN3800; ConvF(8.7, 8.7, 8.7); Calibrated: 2011/08/05
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2011/08/29
- Phantom: SAM Phantom_Left; Type: SAM V4.0; Serial: TP 1652
- 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
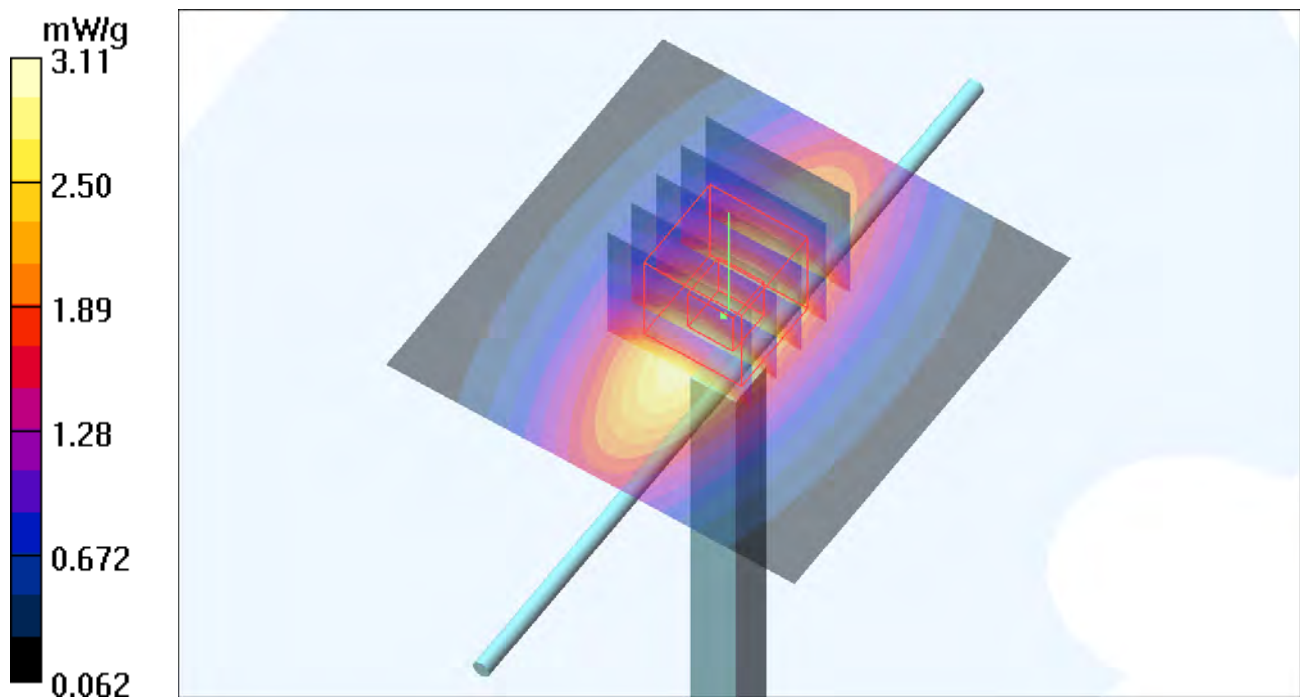Maximum value of SAR (interpolated) = 3.11 mW/g

**Pin=250mW/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 56.9 V/m; Power Drift = -0.023 dB
Peak SAR (extrapolated) = 3.61 W/kg
**SAR(1 g) = 2.42 mW/g; SAR(10 g) = 1.59 mW/g**
Maximum value of SAR (measured) = 3.06 mW/g

## System Check_H835_120209

### DUT: Dipole 835 MHz; Type: D835V2; SN: 4d021

Communication System: CW; Frequency: 835 MHz;Duty Cycle: 1:1
Medium: H835_0209 Medium parameters used: f = 835 MHz; σ = 0.885 mho/m; $\varepsilon_r$ = 42; ρ = 1000 kg/m$^3$
Ambient Temperature：21.4 ℃；Liquid Temperature：20.8 ℃

DASY4 Configuration:
- Probe: EX3DV4 - SN3661; ConvF(9.46, 9.46, 9.46); Calibrated: 2012/01/27
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2011/09/23
- Phantom: SAM Phantom_Left; Type: SAM V4.0; Serial: TP 1652
- 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
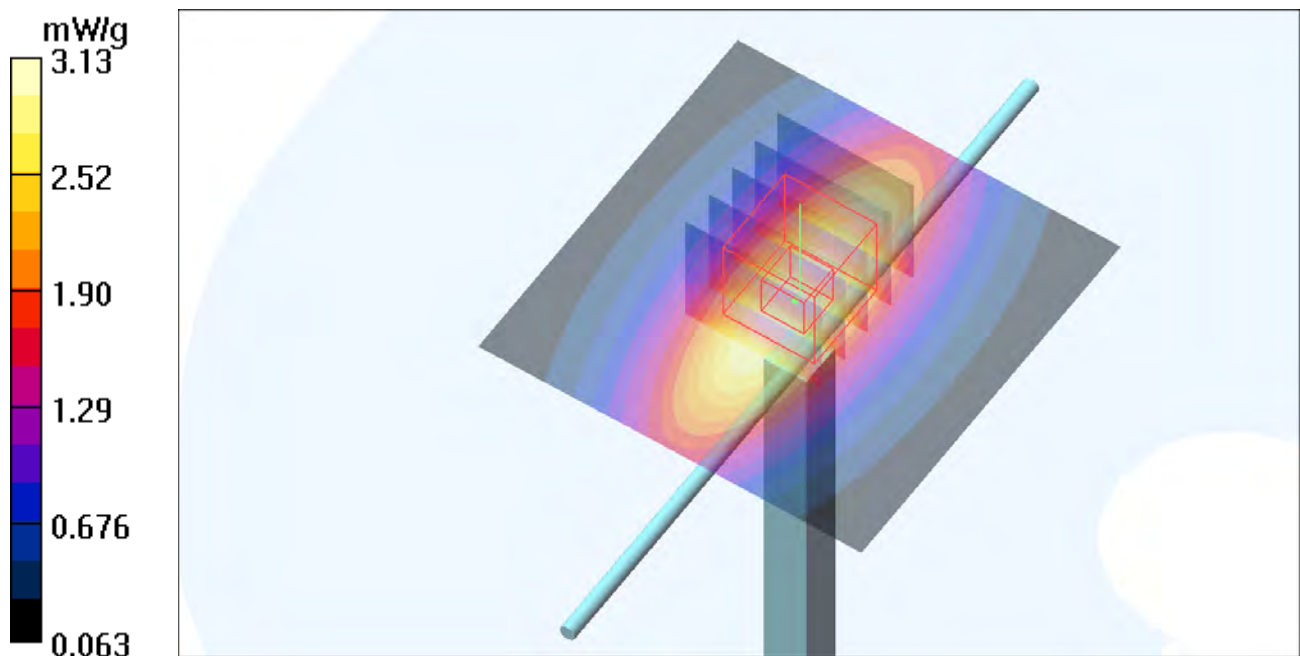Maximum value of SAR (interpolated) = 3.13 mW/g

**Pin=250mW/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 58.0 V/m; Power Drift = -0.149 dB
Peak SAR (extrapolated) = 3.65 W/kg
**SAR(1 g) = 2.45 mW/g; SAR(10 g) = 1.61 mW/g**
Maximum value of SAR (measured) = 3.12 mW/g

## System Check_B835_120118

### DUT: Dipole 835 MHz; Type: D835V2; SN: 4d021

Communication System: CW; Frequency: 835 MHz;Duty Cycle: 1:1
Medium: B835_0118 Medium parameters used: f = 835 MHz; σ = 0.996 mho/m; $\varepsilon_r$ = 55.208; ρ =

1000 kg/m$^3$
Ambient Temperature：21.2 ℃；Liquid Temperature：20.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3590; ConvF(10.32, 10.32, 10.32); Calibrated: 2011/02/25
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1277; Calibrated: 2011/07/29
- Phantom: ELI v4.0; Type: QDOVA001BA; Serial: TP:1043
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

**Pin=250mW/Area Scan (61x61x1):** Measurement grid: dx=15mm, dy=15mm
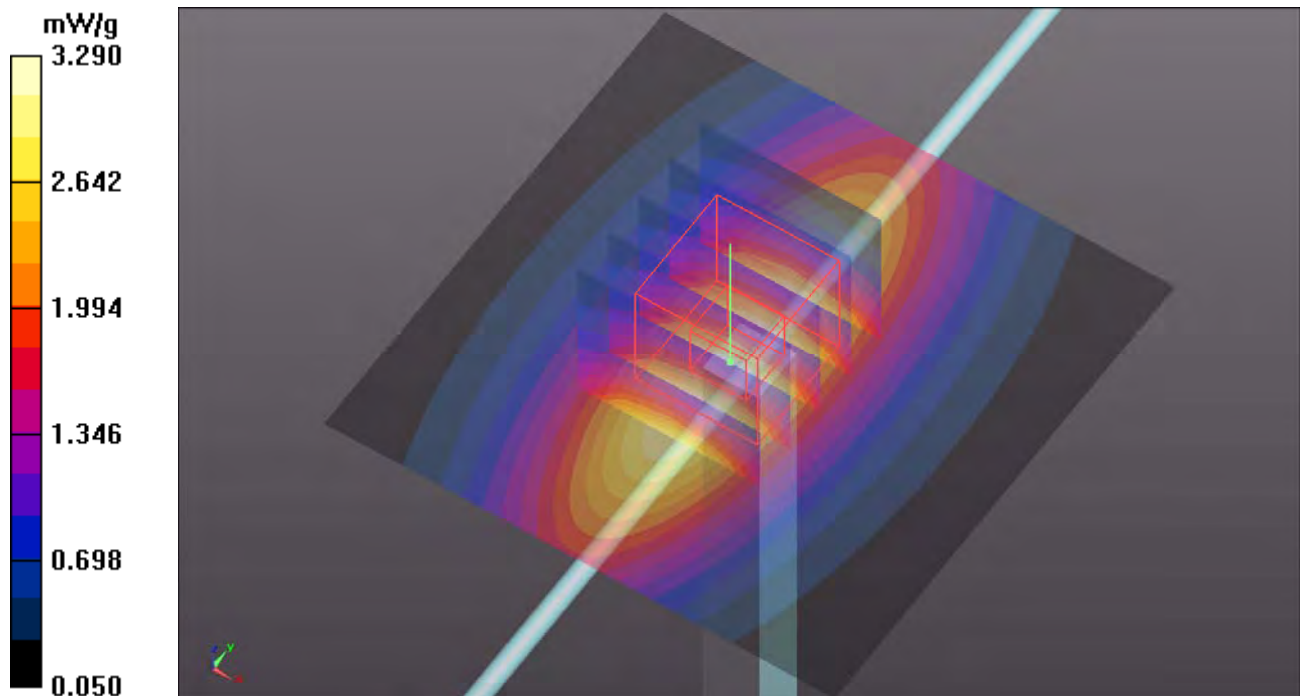Maximum value of SAR (interpolated) = 3.290 mW/g

**Pin=250mW/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 55.248 V/m; Power Drift = 0.008 dB
Peak SAR (extrapolated) = 3.8740
**SAR(1 g) = 2.59 mW/g; SAR(10 g) = 1.71 mW/g**
Maximum value of SAR (measured) = 3.284 mW/g

## System Check_B835_120122

### DUT: Dipole 835 MHz; Type: D835V2; SN: 4d021

Communication System: CW; Frequency: 835 MHz;Duty Cycle: 1:1
Medium: B835_0122 Medium parameters used: f = 835 MHz; σ = 0.998 mho/m; $\varepsilon_r$ = 55.5; ρ = 1000 kg/m$^3$
Ambient Temperature：21.2 ℃；Liquid Temperature：20.1 ℃

DASY4 Configuration:
- Probe: EX3DV4 - SN3800; ConvF(8.94, 8.94, 8.94); Calibrated: 2011/08/05
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2011/08/29
- Phantom: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1654
- 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
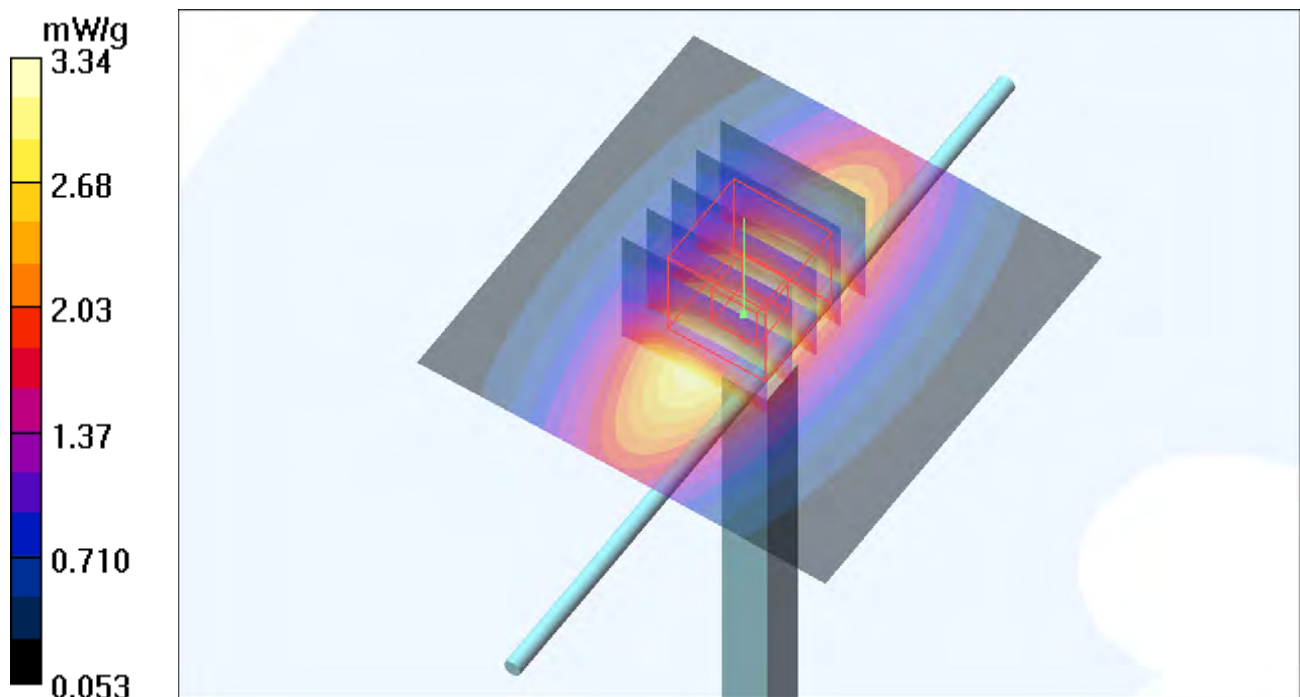Maximum value of SAR (interpolated) = 3.34 mW/g

**Pin=250mW/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 56.0 V/m; Power Drift = 0.025 dB
Peak SAR (extrapolated) = 3.87 W/kg
**SAR(1 g) = 2.65 mW/g; SAR(10 g) = 1.76 mW/g**
Maximum value of SAR (measured) = 3.33 mW/g

## System Check_B835_120209

### DUT: Dipole 835 MHz; Type: D835V2; SN: 4d021

Communication System: CW; Frequency: 835 MHz;Duty Cycle: 1:1
Medium: B835_0209 Medium parameters used: f = 835 MHz; σ = 0.998 mho/m; $\varepsilon_r$ = 55.6; ρ = 1000 $kg/m^3$
Ambient Temperature：21.5 ℃；Liquid Temperature：20.4 ℃

DASY4 Configuration:
- Probe: EX3DV4 - SN3661; ConvF(9.64, 9.64, 9.64); Calibrated: 2012/01/27
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2011/09/23
- Phantom: SAM Phantom_Left; Type: SAM V4.0; Serial: TP 1652
- 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
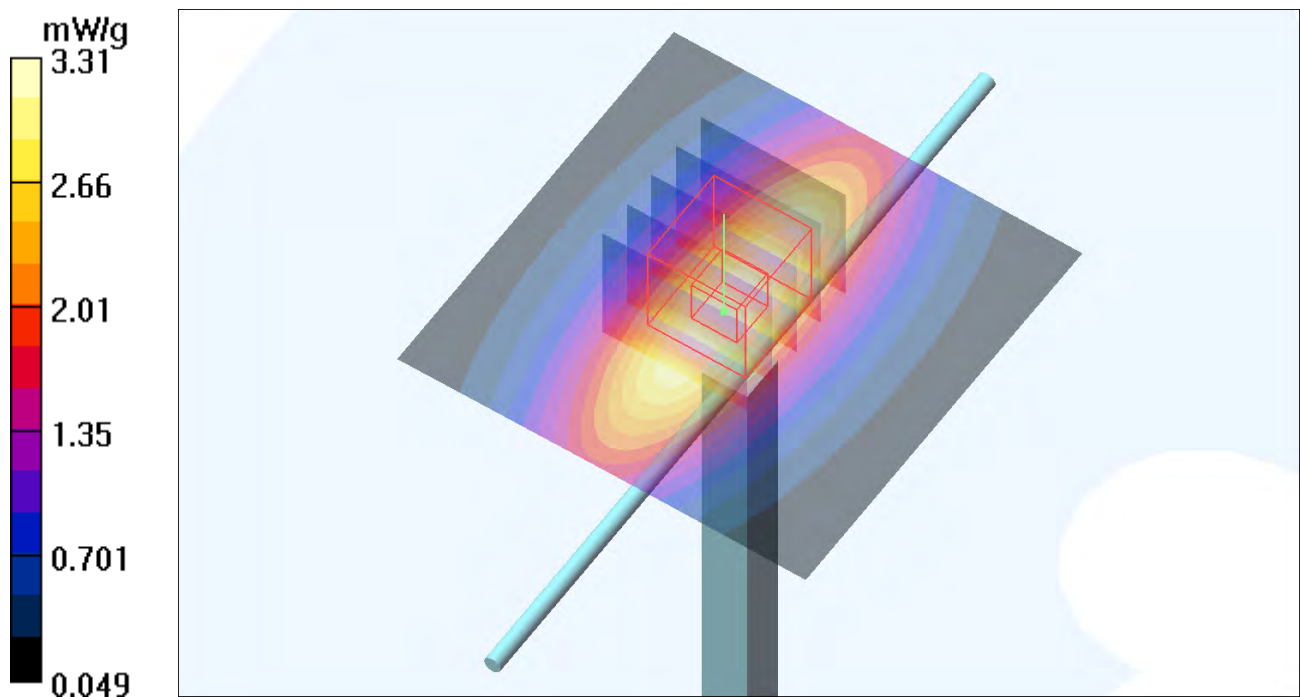Maximum value of SAR (interpolated) = 3.31 mW/g

**Pin=250mW/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 55.8 V/m; Power Drift = 0.004 dB
Peak SAR (extrapolated) = 3.82 W/kg
**SAR(1 g) = 2.62 mW/g; SAR(10 g) = 1.73 mW/g**
Maximum value of SAR (measured) = 3.29 mW/g

## System Check_B835_120210

### DUT: Dipole 835 MHz; Type: D835V2; SN: 4d021

Communication System: CW; Frequency: 835 MHz;Duty Cycle: 1:1
Medium: B835_0210 Medium parameters used: f = 835 MHz; $\sigma$ = 0.996 mho/m; $\varepsilon_r$ = 55.208; $\rho$ =

1000 kg/m$^3$
Ambient Temperature：21.4 ℃；Liquid Temperature：20.9 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3650; ConvF(9.12, 9.12, 9.12); Calibrated: 2011/10/26
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1277; Calibrated: 2011/07/29
- Phantom: SAM with CRP v5.0 Front; Type: QD000P40CD; Serial: TP:1653
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

**Pin=250mW/Area Scan (61x121x1):** Measurement grid: dx=15mm, dy=15mm
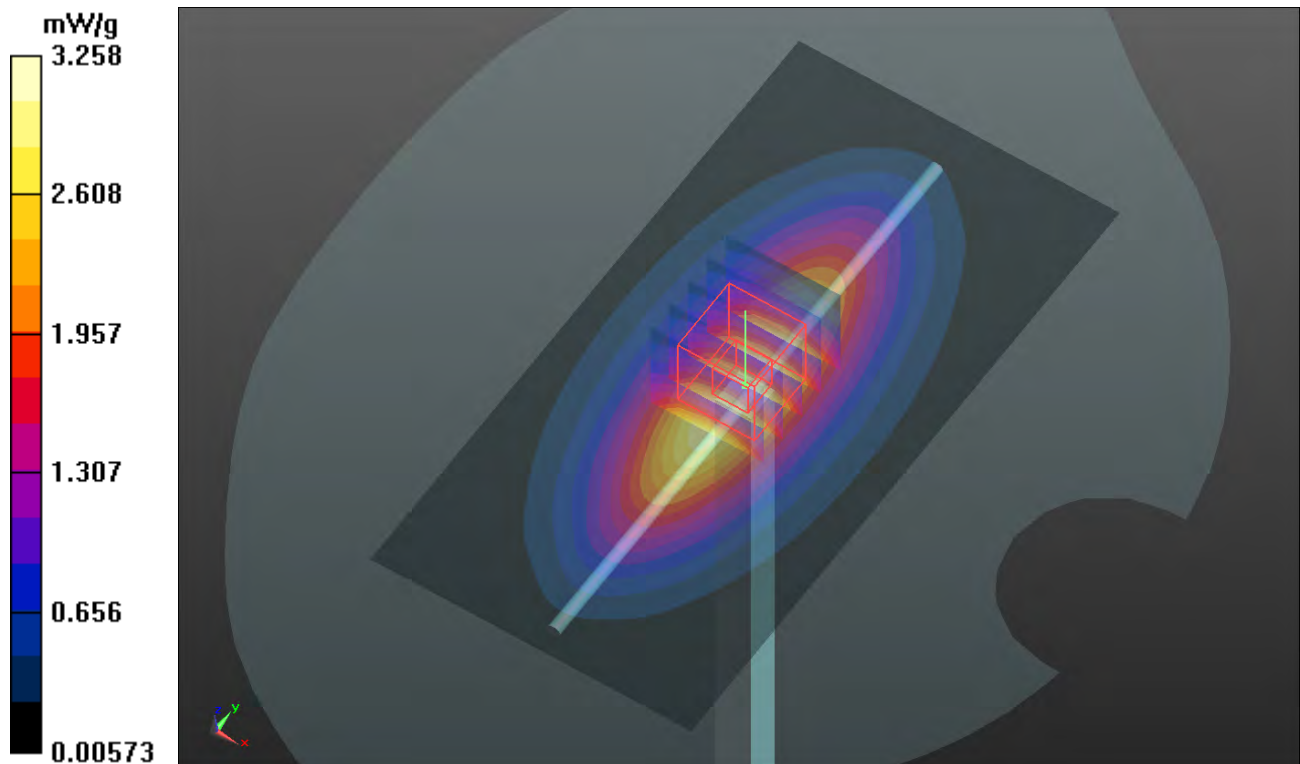Maximum value of SAR (interpolated) = 3.258 mW/g

**Pin=250mW/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 55.517 V/m; Power Drift = -0.0046 dB
Peak SAR (extrapolated) = 3.7920
**SAR(1 g) = 2.59 mW/g; SAR(10 g) = 1.71 mW/g**
Maximum value of SAR (measured) = 3.255 mW/g

## System Check_H1900_120209

### DUT: Dipole 1900 MHz; Type: D1900V2; SN: 5d142

Communication System: CW; Frequency: 1900 MHz;Duty Cycle: 1:1
Medium: H1900_0209 Medium parameters used: f = 1900 MHz; σ = 1.44 mho/m; $ε_r$ = 40.5; ρ = 1000 kg/m$^3$
Ambient Temperature：21.6 ℃；Liquid Temperature：20.5 ℃

DASY4 Configuration:
- Probe: EX3DV4 - SN3661; ConvF(8.33, 8.33, 8.33); Calibrated: 2012/01/27
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2011/09/23
- Phantom: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1654
- 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
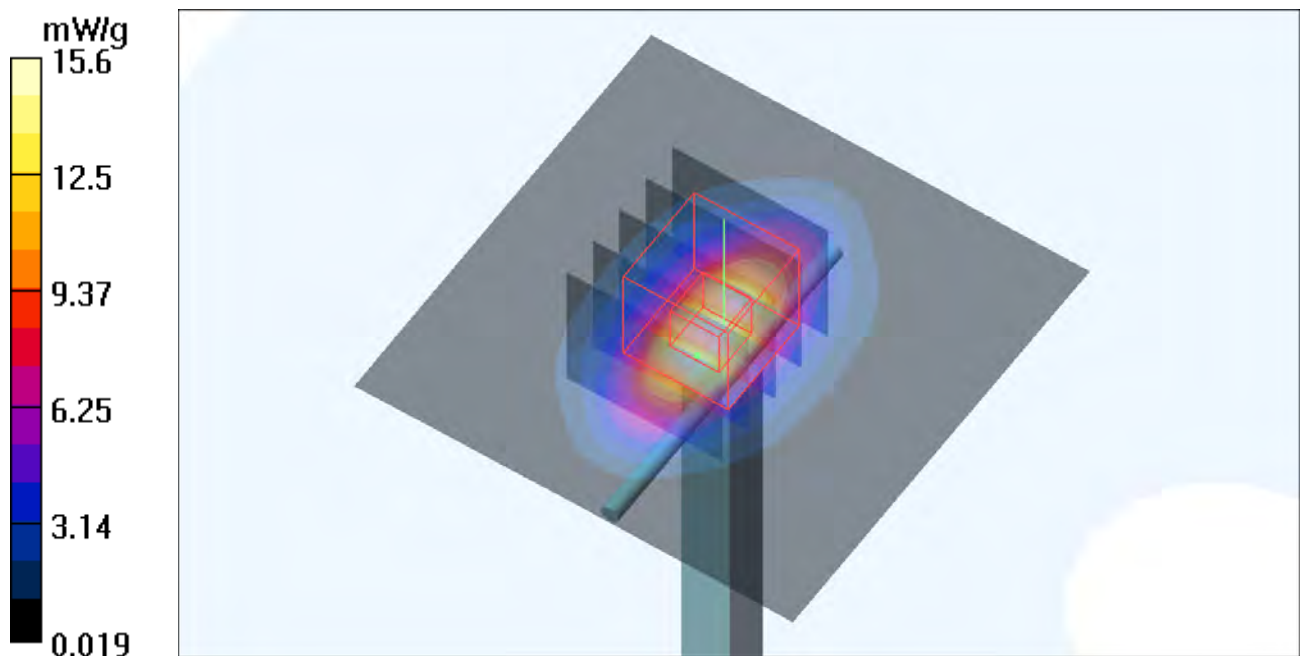Maximum value of SAR (interpolated) = 15.6 mW/g

**Pin=250mW/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 102.9 V/m; Power Drift = -0.005 dB
Peak SAR (extrapolated) = 18.9 W/kg
**SAR(1 g) = 10.3 mW/g; SAR(10 g) = 5.35 mW/g**
Maximum value of SAR (measured) = 14.7 mW/g

## System Check_H1900_120210

### DUT: Dipole 1900 MHz; Type: D1900V2; SN: 5d142

Communication System: CW; Frequency: 1900 MHz;Duty Cycle: 1:1
Medium: H1900_0210 Medium parameters used: f = 1900 MHz; $\sigma$ = 1.453 mho/m; $\varepsilon_r$ = 41.383; $\rho$ =

1000 kg/m$^3$
Ambient Temperature：21.4 ℃；Liquid Temperature：20.6 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3661; ConvF(8.33, 8.33, 8.33); Calibrated: 2012/01/27
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2011/09/23
- Phantom: SAM with CRP v5.0 Front; Type: QD000P40CD; Serial: TP:1653
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

**Pin=250mW/Area Scan (61x61x1):** Measurement grid: dx=15mm, dy=15mm
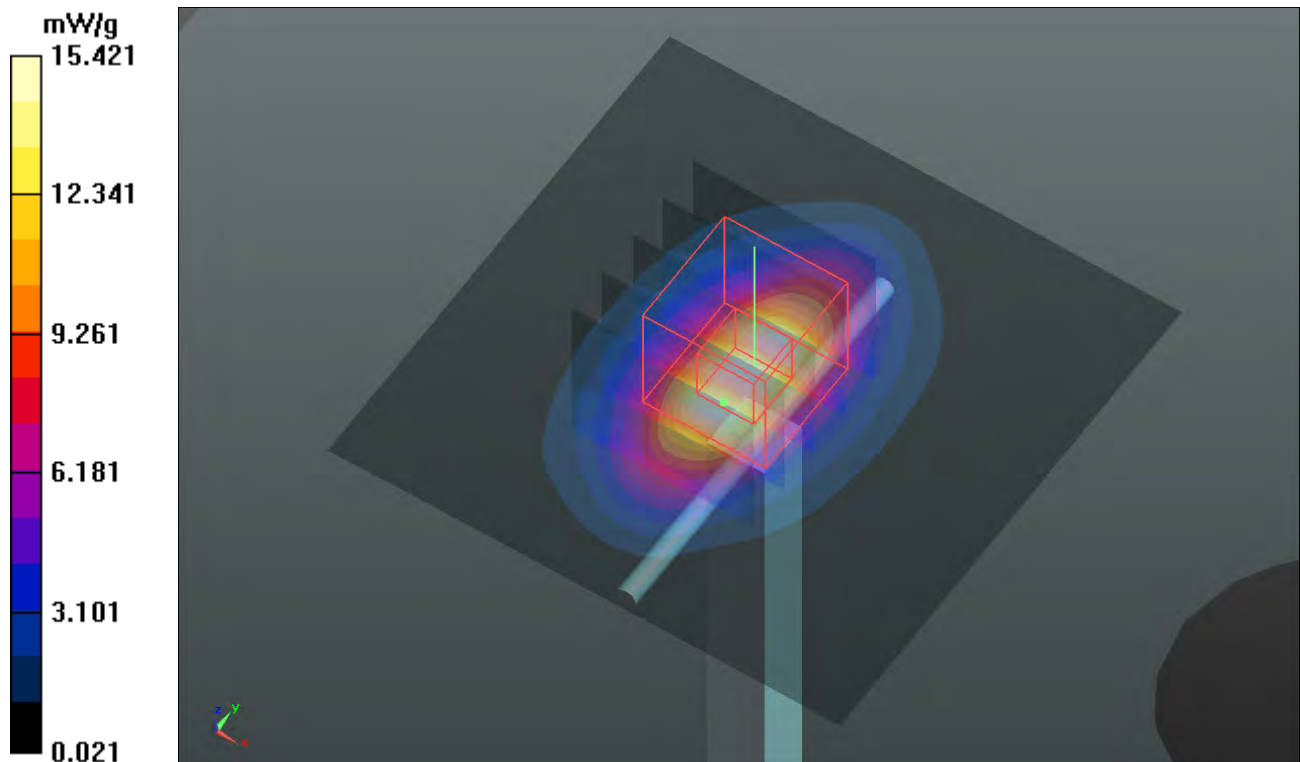Maximum value of SAR (interpolated) = 15.421 mW/g

**Pin=250mW/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 102.2 V/m; Power Drift = 0.04 dB
Peak SAR (extrapolated) = 19.1400
**SAR(1 g) = 10.3 mW/g; SAR(10 g) = 5.3 mW/g**
Maximum value of SAR (measured) = 14.745 mW/g

## System Check_B1900_120121

### DUT: Dipole 1900 MHz; Type: D1900V2; SN: 5d142

Communication System: CW; Frequency: 1900 MHz;Duty Cycle: 1:1
Medium: B1900_0121 Medium parameters used: f = 1900 MHz; σ = 1.55 mho/m; $\varepsilon_r$ = 54.5; ρ = 1000 kg/m$^3$

Ambient Temperature：21.2 ℃；Liquid Temperature：20.3 ℃

DASY4 Configuration:
- Probe: EX3DV4 - SN3800; ConvF(6.97, 6.97, 6.97); Calibrated: 2011/08/05
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2011/08/29
- Phantom: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1654
- 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
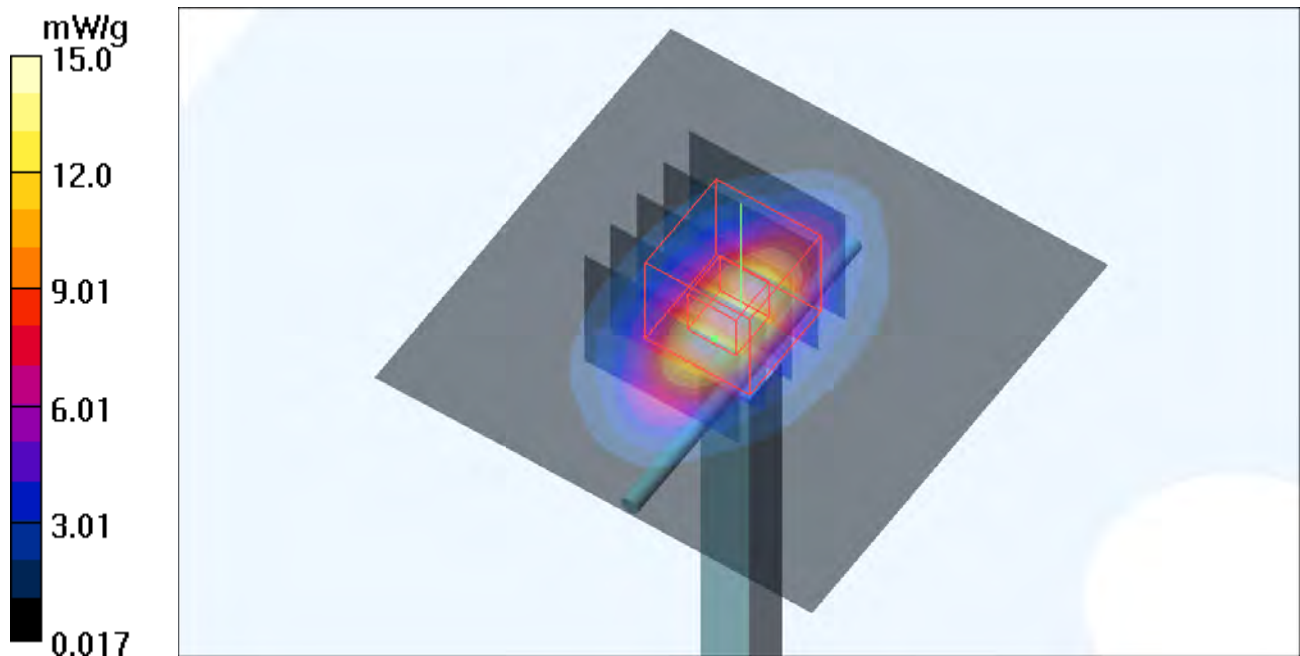Maximum value of SAR (interpolated) = 15.0 mW/g

**Pin=250mW/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 96.8 V/m; Power Drift = 0.032 dB
Peak SAR (extrapolated) = 18.5 W/kg
**SAR(1 g) = 10.1 mW/g; SAR(10 g) = 5.19 mW/g**
Maximum value of SAR (measured) = 14.4 mW/g

## System Check_B1900_120209

### DUT: Dipole 1900 MHz; Type: D1900V2; SN: 5d142

Communication System: CW; Frequency: 1900 MHz;Duty Cycle: 1:1
Medium: B1900_0209 Medium parameters used: f = 1900 MHz; σ = 1.55 mho/m; $\varepsilon_r$ = 52.4; ρ = 1000 kg/m$^3$
Ambient Temperature：21.6 ℃；Liquid Temperature：20.5 ℃

DASY4 Configuration:
- Probe: EX3DV4 - SN3661; ConvF(7.89, 7.89, 7.89); Calibrated: 2012/01/27
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2011/09/23
- Phantom: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1654
- 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
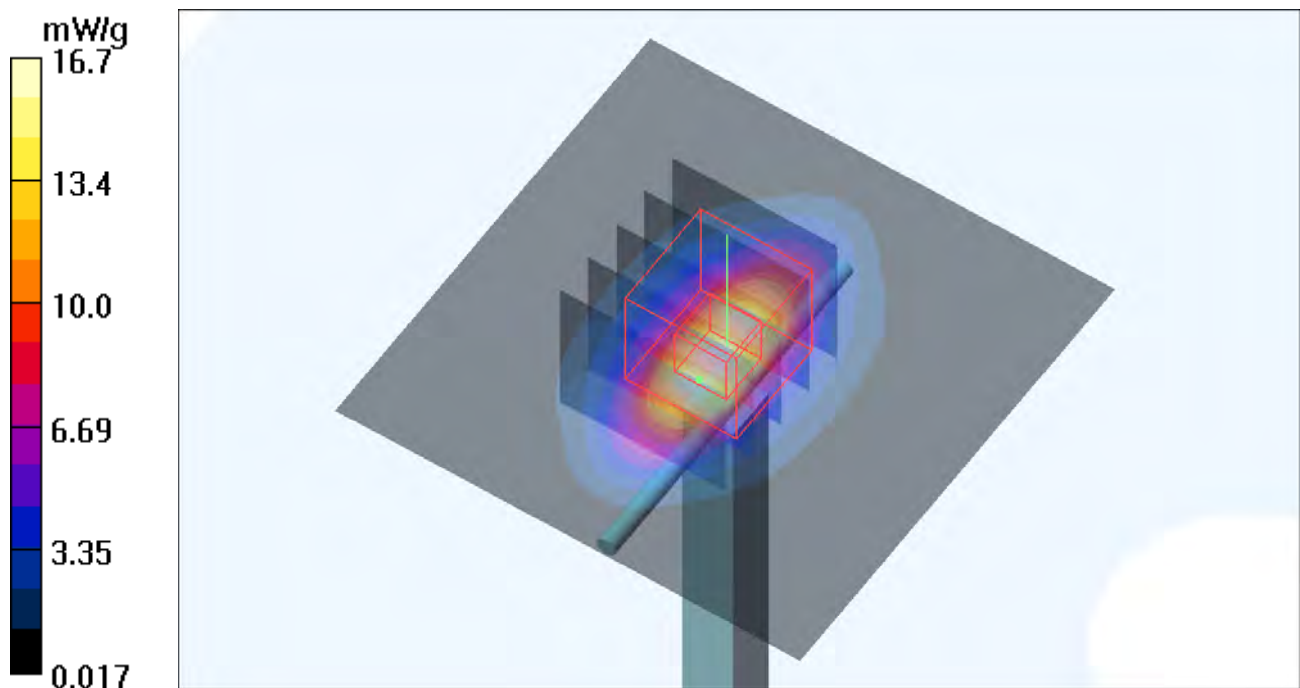Maximum value of SAR (interpolated) = 16.7 mW/g

**Pin=250mW/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 103.3 V/m; Power Drift = -0.004 dB
Peak SAR (extrapolated) = 20.2 W/kg
**SAR(1 g) = 10.9 mW/g; SAR(10 g) = 5.66 mW/g**
Maximum value of SAR (measured) = 15.8 mW/g

## SystemCheck_B1900_120210

### DUT: Dipole 1900 MHz; Type: D1900V2; SN: 5d142

Communication System: CW; Frequency: 1900 MHz;Duty Cycle: 1:1
Medium: B1900_0210 Medium parameters used: f = 1900 MHz; σ = 1.547 mho/m; $\varepsilon_r$ = 52.49; ρ =

1000 kg/m$^3$
Ambient Temperature：21.5 ℃；Liquid Temperature：20.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3661; ConvF(7.89, 7.89, 7.89); Calibrated: 2012/01/27
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2011/09/23
- Phantom: ELI v4.0; Type: QDOVA001BA; Serial: TP:1043
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

**Pin=250mW/Area Scan (61x61x1):** Measurement grid: dx=15mm, dy=15mm
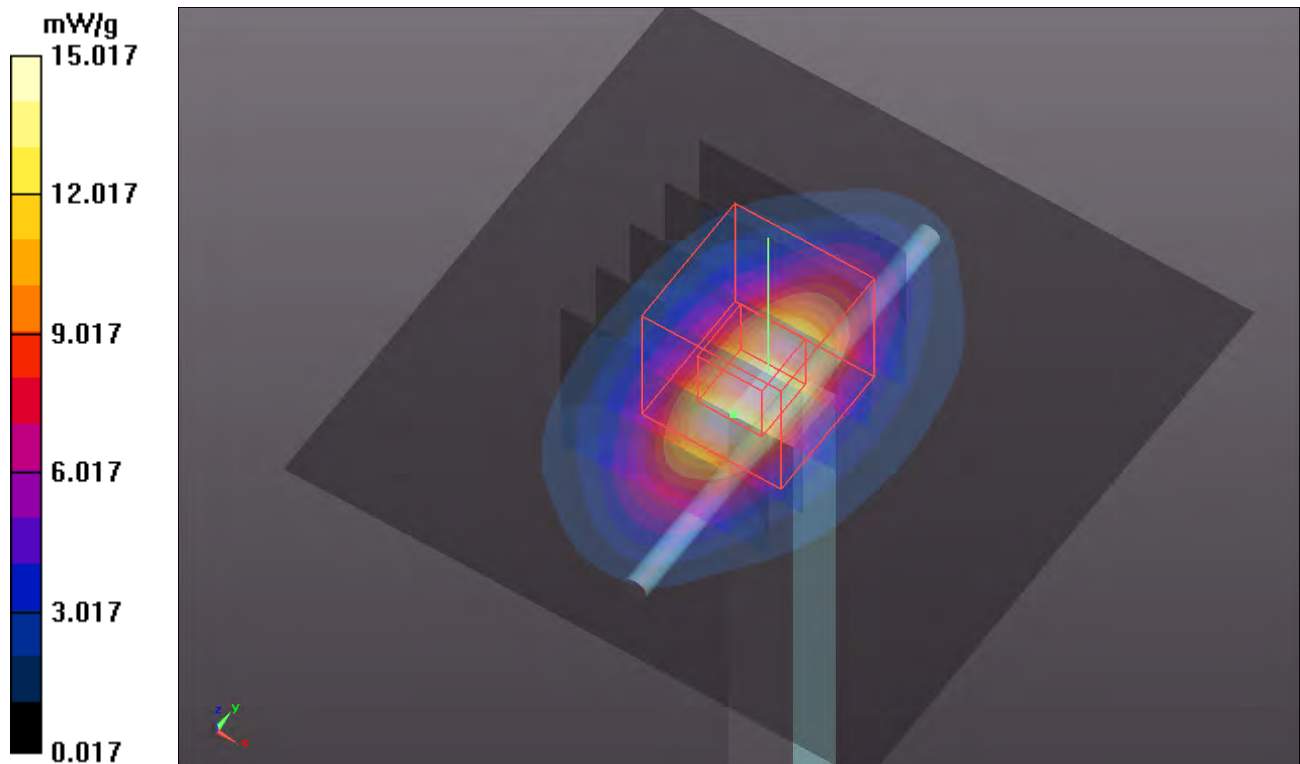Maximum value of SAR (interpolated) = 15.017 mW/g

**Pin=250mW/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 96.850 V/m; Power Drift = 0.03 dB
Peak SAR (extrapolated) = 18.5290
**SAR(1 g) = 10.1 mW/g; SAR(10 g) = 5.2 mW/g**
Maximum value of SAR (measured) = 14.433 mW/g

## System Check_H2450_120123

### DUT: Dipole 2450 MHz; Type: D2450V2; SN: 716

Communication System: CW; Frequency: 2450 MHz;Duty Cycle: 1:1
Medium: H2450_0123 Medium parameters used: f = 2450 MHz; σ = 1.85 mho/m; $\varepsilon_r$ = 38.1; ρ = 1000 kg/m$^3$
Ambient Temperature：22.0 ℃；Liquid Temperature：21.1 ℃

DASY4 Configuration:
- Probe: EX3DV4 - SN3800; ConvF(6.71, 6.71, 6.71); Calibrated: 2011/08/05
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2011/08/29
- Phantom: SAM Phantom_Left; Type: SAM V4.0; Serial: TP 1652
- 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
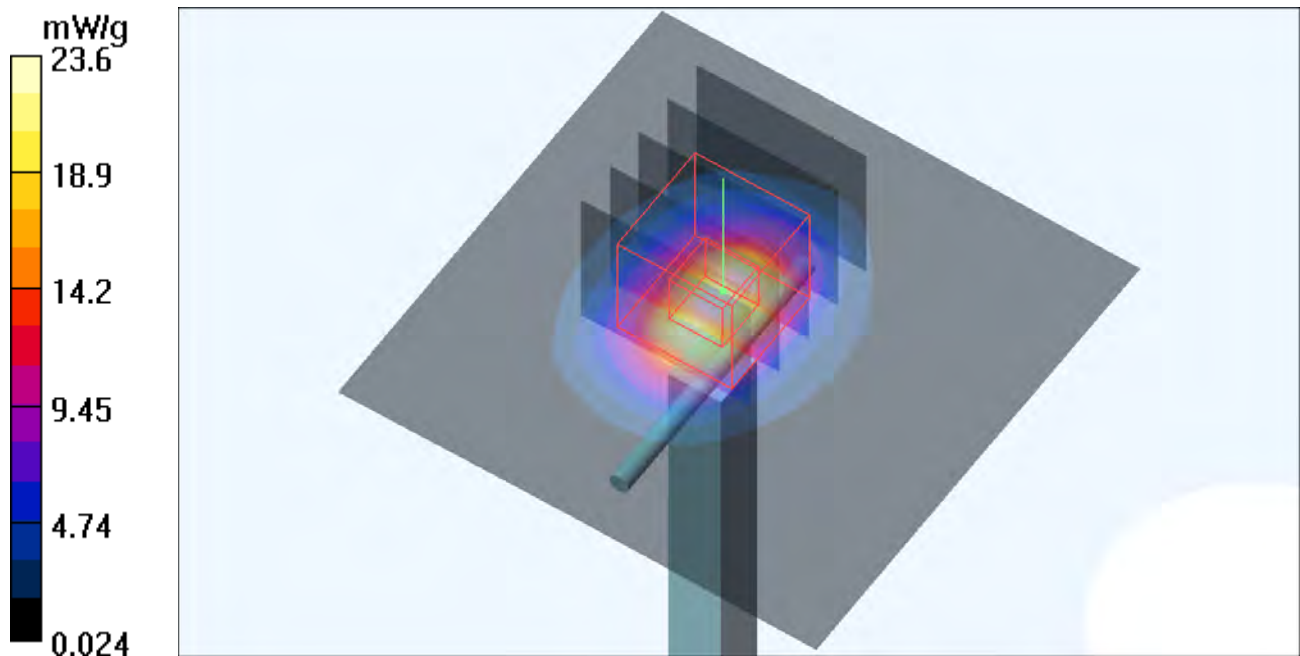Maximum value of SAR (interpolated) = 23.6 mW/g

### Pin=250mW/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 111.1 V/m; Power Drift = -0.046 dB
Peak SAR (extrapolated) = 31.5 W/kg
**SAR(1 g) = 14.1 mW/g; SAR(10 g) = 6.37 mW/g**
Maximum value of SAR (measured) = 21.8 mW/g

## System Check_H2450_120210

### DUT: Dipole 2450 MHz; Type: D2450V2; SN: 735

Communication System: CW; Frequency: 2450 MHz;Duty Cycle: 1:1
Medium: H2450_0210 Medium parameters used: f = 2450 MHz; $\sigma$ = 1.846 mho/m; $\varepsilon_r$ = 38.051; $\rho$ =

1000 kg/m$^3$
Ambient Temperature：21.4 ℃；Liquid Temperature：20.9 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3650; ConvF(6.8, 6.8, 6.8); Calibrated: 2011/10/26
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1277; Calibrated: 2011/07/29
- Phantom: SAM with CRP v5.0 Front; Type: QD000P40CD; Serial: TP:1653
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

**Pin=250mW/Area Scan (61x61x1):** Measurement grid: dx=15mm, dy=15mm
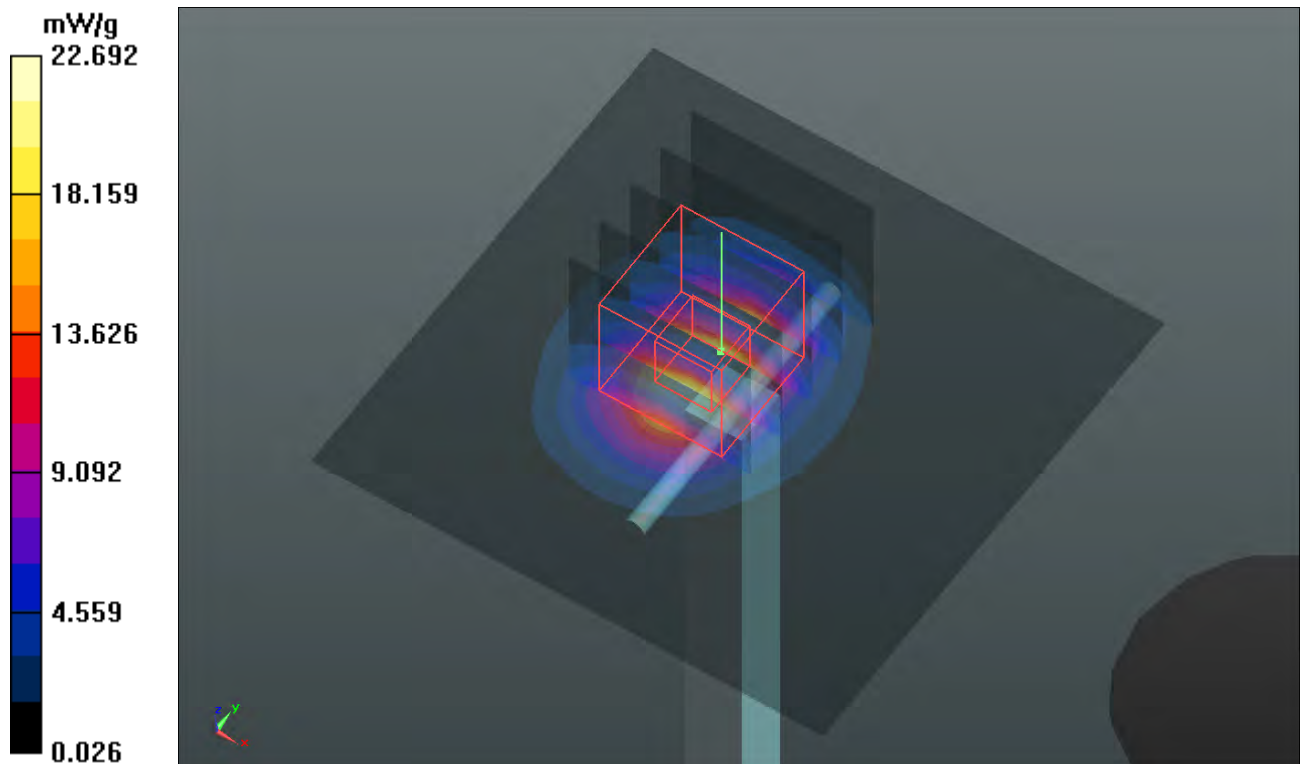Maximum value of SAR (interpolated) = 22.692 mW/g

**Pin=250mW/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 107.5 V/m; Power Drift = 0.04 dB
Peak SAR (extrapolated) = 30.0040
**SAR(1 g) = 13.5 mW/g; SAR(10 g) = 6.11 mW/g**
Maximum value of SAR (measured) = 20.673 mW/g

## System Check_B2450_120123

### DUT: Dipole 2450 MHz; Type: D2450V2; SN: 716

Communication System: CW; Frequency: 2450 MHz;Duty Cycle: 1:1
Medium: B2450_0123 Medium parameters used: f = 2450 MHz; $\sigma$ = 1.98 mho/m; $\varepsilon_r$ = 51; $\rho$ = 1000 kg/m$^3$
Ambient Temperature：22.0 ℃；Liquid Temperature：21.1 ℃

DASY4 Configuration:
- Probe: EX3DV4 - SN3800; ConvF(6.75, 6.75, 6.75); Calibrated: 2011/08/05
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2011/08/29
- Phantom: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1654
- 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
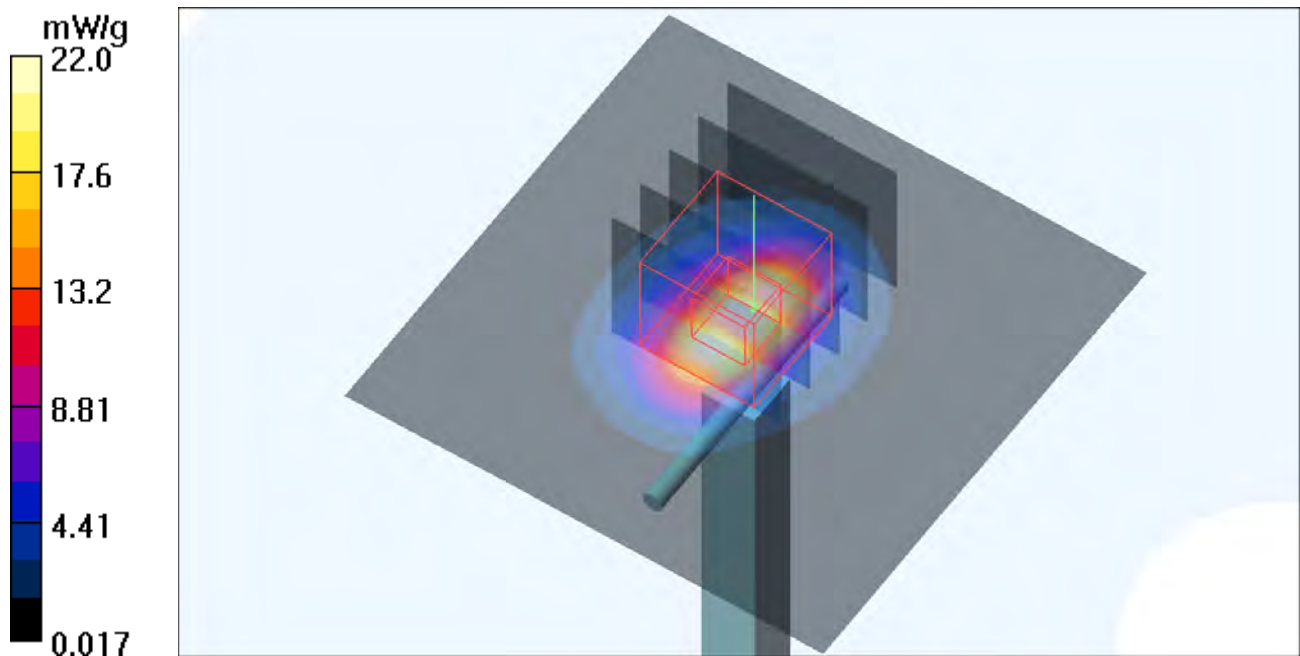Maximum value of SAR (interpolated) = 22.0 mW/g

**Pin=250mW/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 103.7 V/m; Power Drift = 0.077 dB
Peak SAR (extrapolated) = 30.4 W/kg
**SAR(1 g) = 14.3 mW/g; SAR(10 g) = 6.64 mW/g**
Maximum value of SAR (measured) = 21.5 mW/g

## System Check_B2450_120210

### DUT: Dipole 2450 MHz; Type: D2450V2; SN: 735

Communication System: CW; Frequency: 2450 MHz;Duty Cycle: 1:1
Medium: B2450_0210 Medium parameters used: f = 2450 MHz; σ = 1.97 mho/m; $\varepsilon_r$ = 50.9; ρ = 1000 kg/m$^3$
Ambient Temperature：21.2 ℃; Liquid Temperature：20.3 ℃

DASY4 Configuration:
- Probe: EX3DV4 - SN3661; ConvF(7.5, 7.5, 7.5); Calibrated: 2012/01/27
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2011/09/23
- Phantom: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1654
- 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
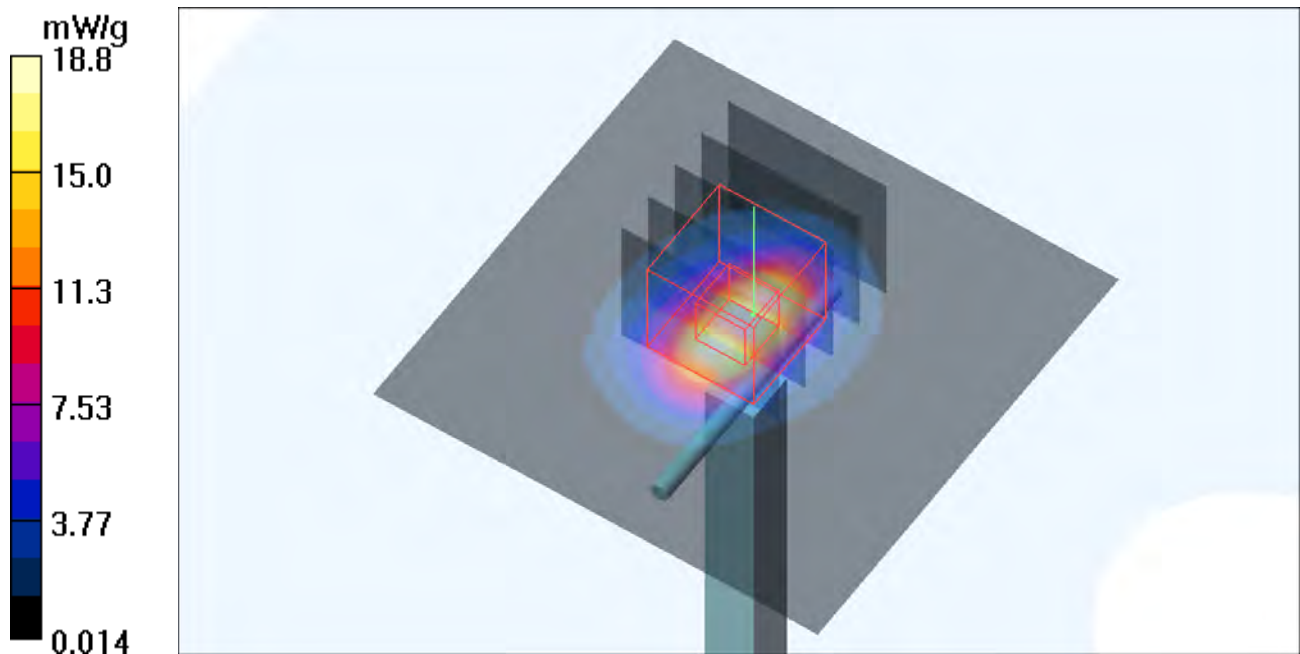Maximum value of SAR (interpolated) = 18.8 mW/g

**Pin=250mW/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 95.2 V/m; Power Drift = 0.082 dB
Peak SAR (extrapolated) = 25.3 W/kg
**SAR(1 g) = 12 mW/g; SAR(10 g) = 5.55 mW/g**
Maximum value of SAR (measured) = 17.9 mW/g

## System Check_B2450_120210

### DUT: Dipole 2450 MHz; Type: D2450V2; SN: 716

Communication System: CW; Frequency: 2450 MHz;Duty Cycle: 1:1
Medium: B2450_0210 Medium parameters used: f = 2450 MHz; σ = 1.976 mho/m; $ε_r$ = 50.932; ρ =

1000 kg/m$^3$
Ambient Temperature：21.4 ℃；Liquid Temperature：20.9 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3650; ConvF(6.89, 6.89, 6.89); Calibrated: 2011/10/26
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1277; Calibrated: 2011/07/29
- Phantom: ELI v4.0; Type: QDOVA001BA; Serial: TP:1043
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

**Pin=250mW/Area Scan (61x61x1):** Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 19.556 mW/g

**Pin=250mW/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 99.423 V/m; Power Drift = -0.0068 dB
Peak SAR (extrapolated) = 25.6260
**SAR(1 g) = 12.4 mW/g; SAR(10 g) = 5.74 mW/g**
Maximum value of SAR (measured) = 18.655 mW/g