# Annex A. SAR Plots of System Verification

The plots for system verification are shown as follows.

# S01 System Check_H2450_210813

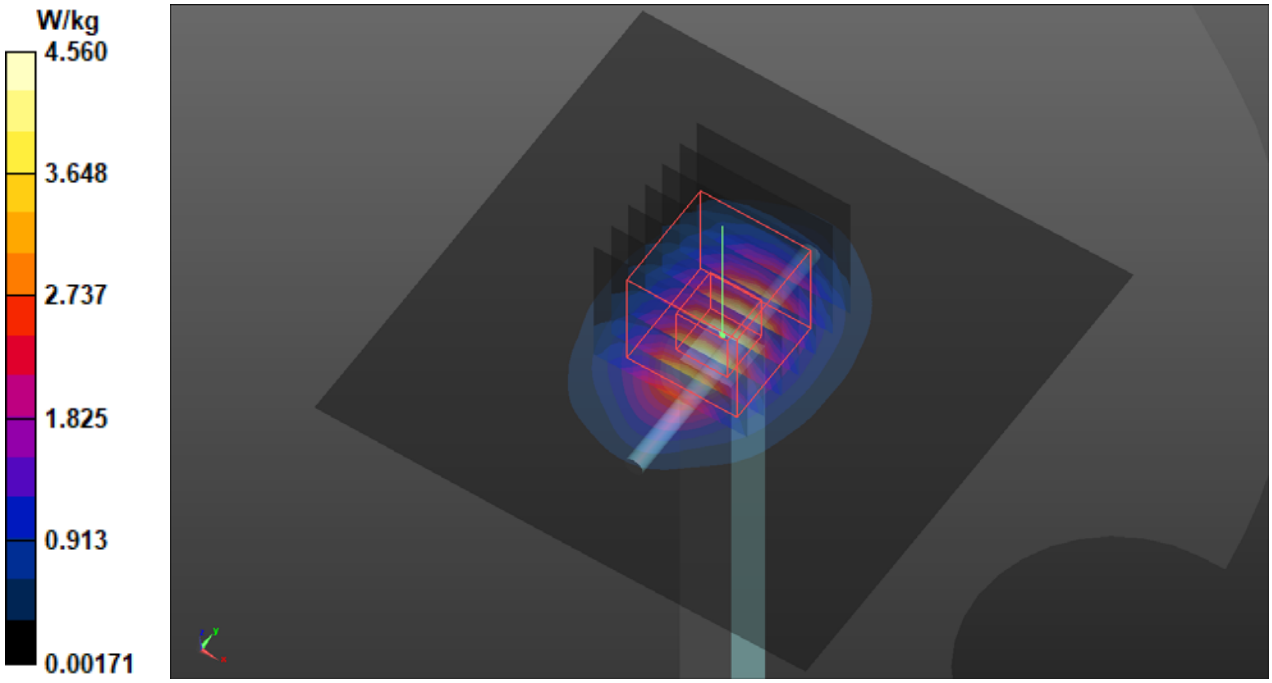
## DUT: Dipole 2450 MHz; Type: D2450V2; SN: 835

Communication System: UID 0, CW; Frequency: 2450 MHz;Duty Cycle: 1:1
Medium: H19T27N1_0813 Medium parameters used (interpolated): f = 2450 MHz; $\sigma$ = 1.864 S/m; $\varepsilon_r$ = 38.07; $\rho$ = 1000 kg/m$^3$
Ambient Temperature：23.7 ℃ ; Liquid Temperature：23.2 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7537; ConvF(7.61, 7.61, 7.61) @ 2450 MHz; Calibrated: 2021/04/26
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1585; Calibrated: 2021/04/15
- Phantom: SAM Phantom_1987; Type: QD 000 P41 AA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Pin=50mW/Area Scan (81x81x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 4.56 W/kg

**Pin=50mW/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 51.67 V/m; Power Drift = 0.07 dB
Peak SAR (extrapolated) = 5.69 W/kg
**SAR(1 g) = 2.71 W/kg; SAR(10 g) = 1.28 W/kg** (SAR corrected for target medium)
Maximum value of SAR (measured) = 4.64 W/kg



# S02 System Check_H2450_210813

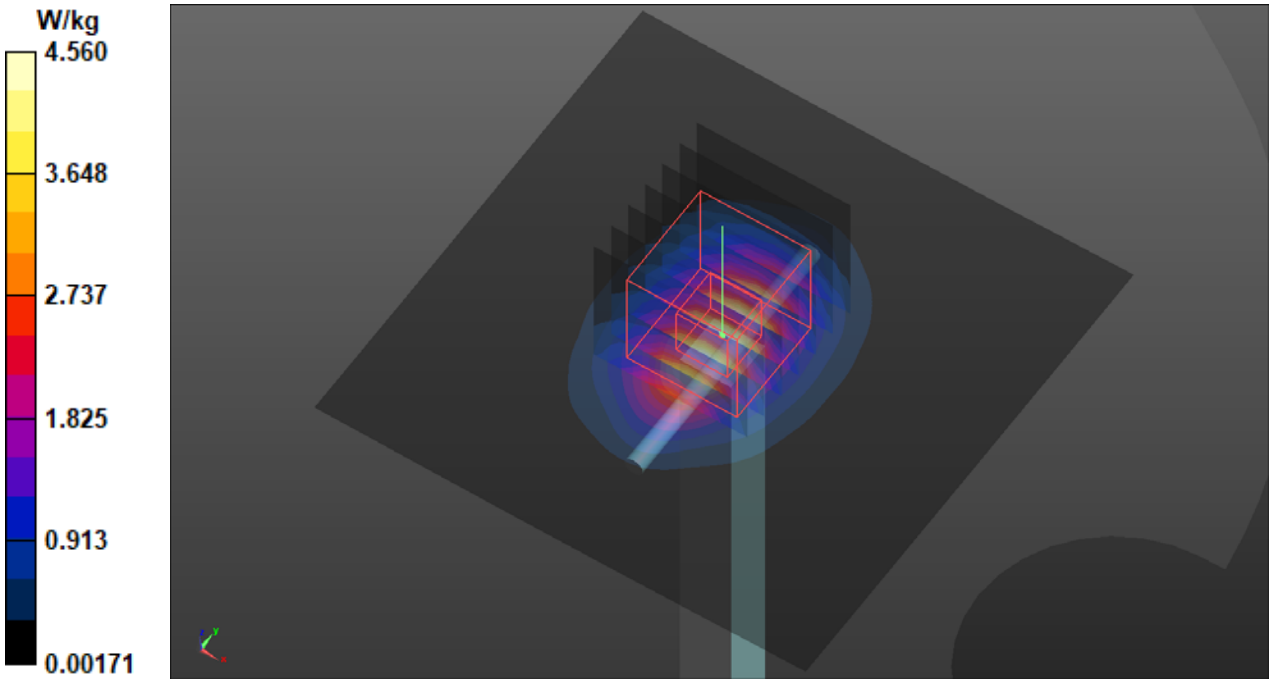
## DUT: Dipole 2450 MHz; Type: D2450V2; SN: 835

Communication System: UID 0, CW; Frequency: 2450 MHz;Duty Cycle: 1:1
Medium: H19T27N1_0813 Medium parameters used (interpolated): f = 2450 MHz; $\sigma$ = 1.864 S/m; $\varepsilon_r$ = 38.07; $\rho$ = 1000 kg/m$^3$
Ambient Temperature：23.7 ℃ ; Liquid Temperature：23.2 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7537; ConvF(7.61, 7.61, 7.61) @ 2450 MHz; Calibrated: 2021/04/26
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1585; Calibrated: 2021/04/15
- Phantom: SAM Phantom_1987; Type: QD 000 P41 AA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Pin=50mW/Area Scan (81x81x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 4.56 W/kg

**Pin=50mW/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 51.67 V/m; Power Drift = 0.07 dB
Peak SAR (extrapolated) = 5.69 W/kg
**SAR(1 g) = 2.71 W/kg; SAR(10 g) = 1.28 W/kg** (SAR corrected for target medium)
Maximum value of SAR (measured) = 4.64 W/kg



# S03 System Check_H2450_210813

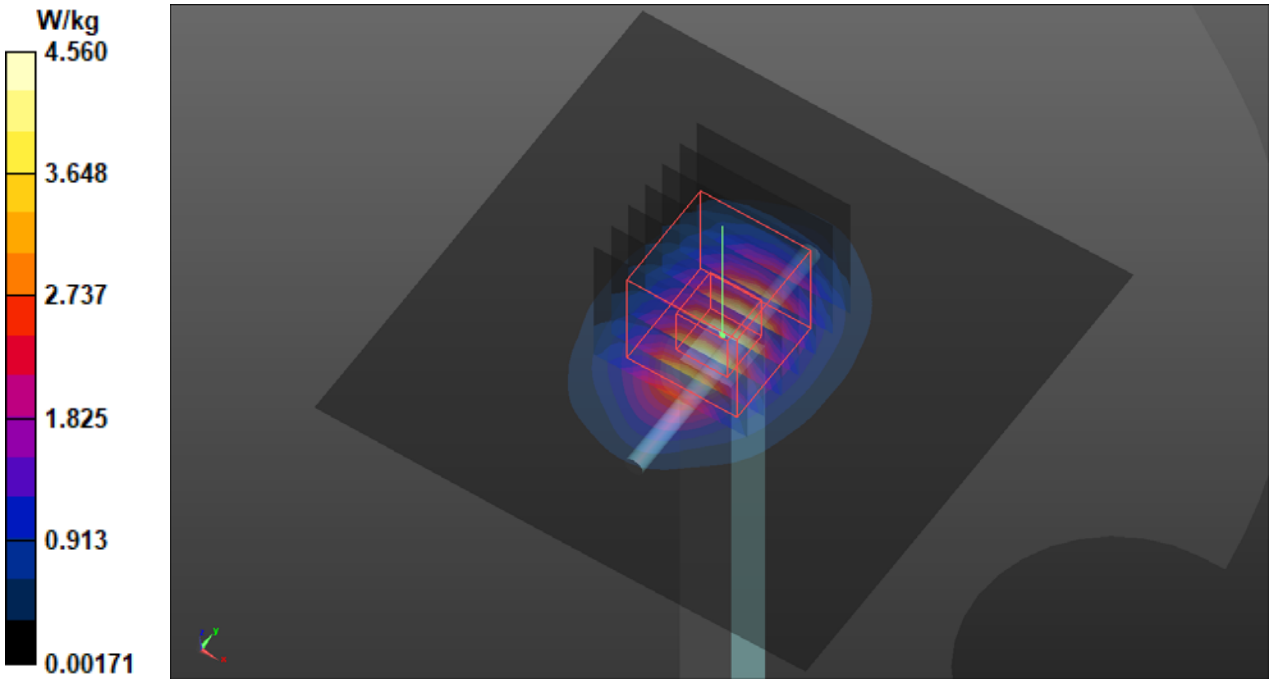
## DUT: Dipole 2450 MHz; Type: D2450V2; SN: 835

Communication System: UID 0, CW; Frequency: 2450 MHz;Duty Cycle: 1:1
Medium: H19T27N1_0813 Medium parameters used (interpolated): f = 2450 MHz; $\sigma$ = 1.864 S/m; $\varepsilon_r$ = 38.07; $\rho$ = 1000 kg/m$^3$
Ambient Temperature：23.7 ℃ ; Liquid Temperature：23.2 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7537; ConvF(7.61, 7.61, 7.61) @ 2450 MHz; Calibrated: 2021/04/26
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1585; Calibrated: 2021/04/15
- Phantom: SAM Phantom_1987; Type: QD 000 P41 AA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Pin=50mW/Area Scan (81x81x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 4.56 W/kg

**Pin=50mW/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 51.67 V/m; Power Drift = 0.07 dB
Peak SAR (extrapolated) = 5.69 W/kg
**SAR(1 g) = 2.71 W/kg; SAR(10 g) = 1.28 W/kg** (SAR corrected for target medium)
Maximum value of SAR (measured) = 4.64 W/kg



# S04 System Check_H2450_210816

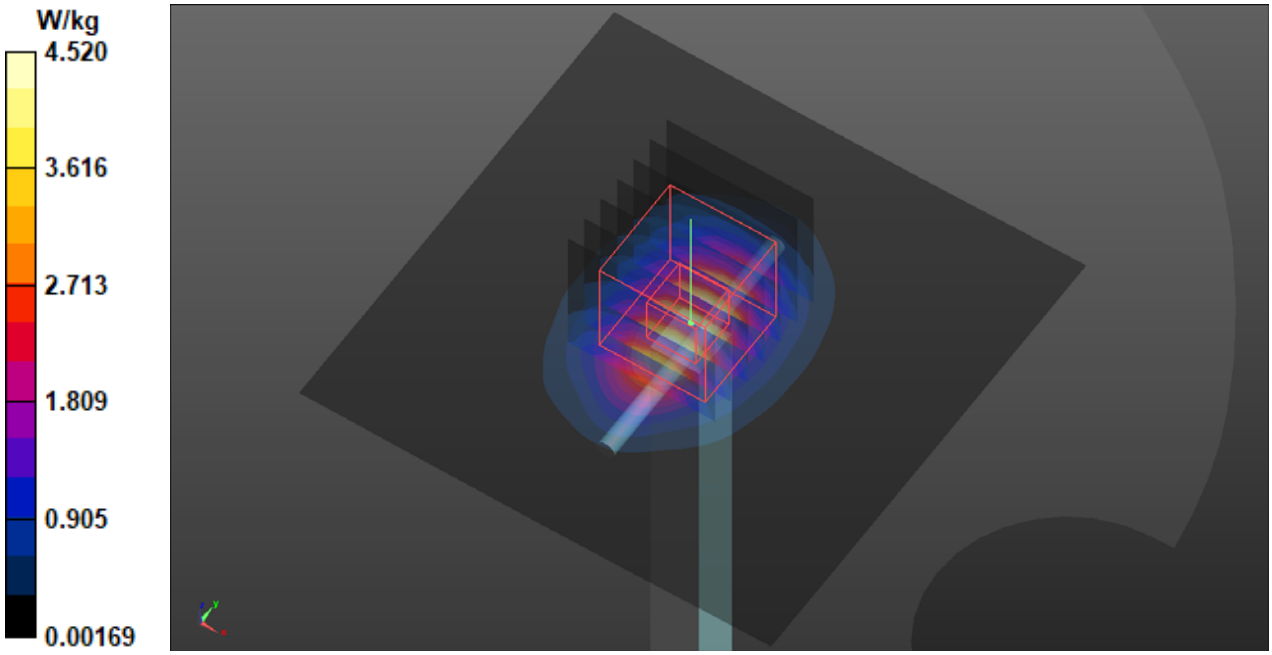
## DUT: Dipole 2450 MHz; Type: D2450V2; SN: 835

Communication System: UID 0, CW; Frequency: 2450 MHz;Duty Cycle: 1:1
Medium: H19T27N1_0816 Medium parameters used (interpolated): f = 2450 MHz; $\sigma$ = 1.848 S/m; $\varepsilon_r$ = 37.854; $\rho$ = 1000 kg/m$^3$
Ambient Temperature：23.8 ℃ ; Liquid Temperature：23.1 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7537; ConvF(7.61, 7.61, 7.61) @ 2450 MHz; Calibrated: 2021/04/26
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1585; Calibrated: 2021/04/15
- Phantom: SAM Phantom_1987; Type: QD 000 P41 AA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Pin=50mW/Area Scan (81x81x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 4.52 W/kg

**Pin=50mW/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 51.67 V/m; Power Drift = 0.07 dB
Peak SAR (extrapolated) = 5.64 W/kg
**SAR(1 g) = 2.70 W/kg; SAR(10 g) = 1.27 W/kg** (SAR corrected for target medium)
Maximum value of SAR (measured) = 4.60 W/kg



# S05 System Check_H2450_210813

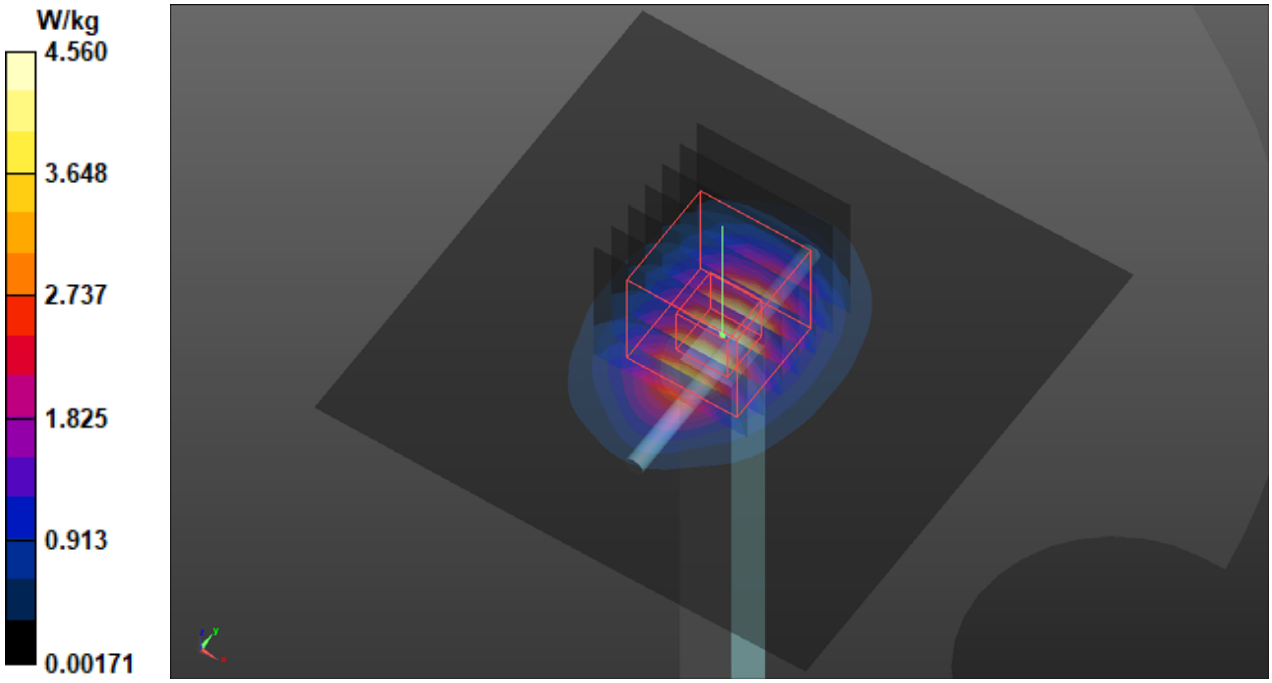
## DUT: Dipole 2450 MHz; Type: D2450V2; SN: 835

Communication System: UID 0, CW; Frequency: 2450 MHz;Duty Cycle: 1:1
Medium: H19T27N1_0813 Medium parameters used (interpolated): f = 2450 MHz; $\sigma$ = 1.864 S/m; $\varepsilon_r$ = 38.07; $\rho$ = 1000 kg/m$^3$
Ambient Temperature：23.7 ℃ ; Liquid Temperature：23.2 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7537; ConvF(7.61, 7.61, 7.61) @ 2450 MHz; Calibrated: 2021/04/26
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1585; Calibrated: 2021/04/15
- Phantom: SAM Phantom_1987; Type: QD 000 P41 AA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Pin=50mW/Area Scan (81x81x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 4.56 W/kg

**Pin=50mW/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 51.67 V/m; Power Drift = 0.07 dB
Peak SAR (extrapolated) = 5.69 W/kg
**SAR(1 g) = 2.71 W/kg; SAR(10 g) = 1.28 W/kg** (SAR corrected for target medium)
Maximum value of SAR (measured) = 4.64 W/kg



# S06 System Check_H2450_210813

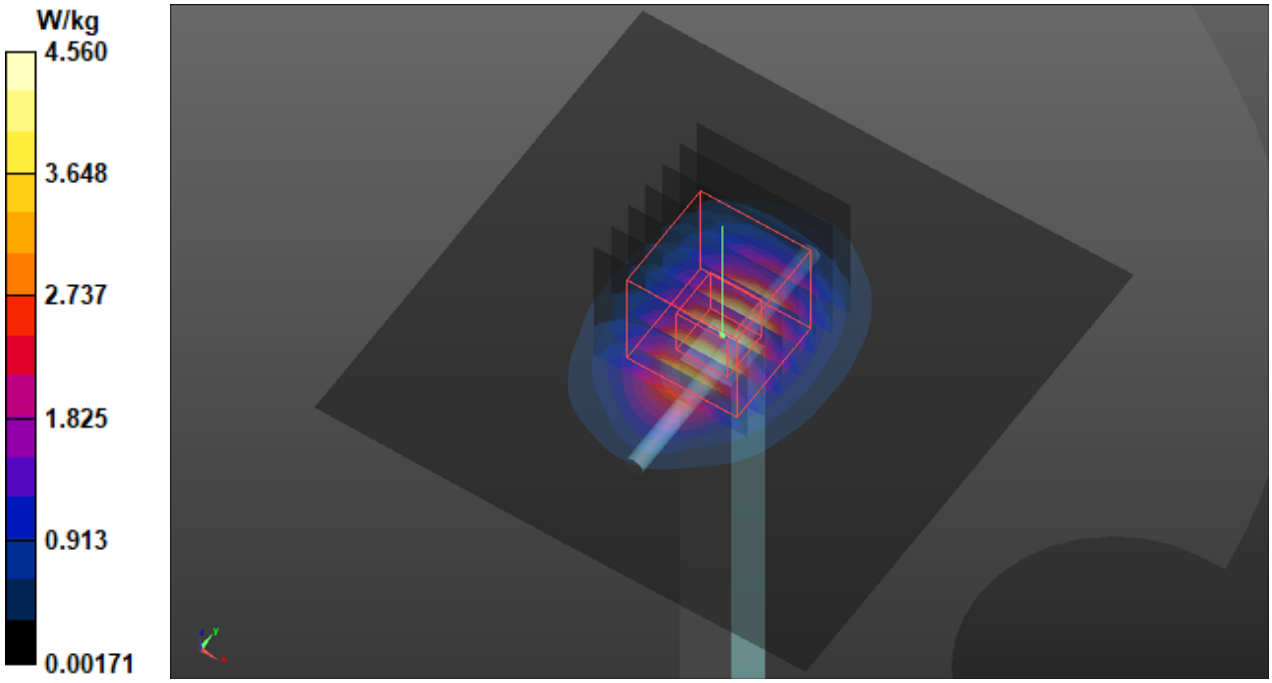
## DUT: Dipole 2450 MHz; Type: D2450V2; SN: 835

Communication System: UID 0, CW; Frequency: 2450 MHz;Duty Cycle: 1:1
Medium: H19T27N1_0813 Medium parameters used (interpolated): f = 2450 MHz; $\sigma$ = 1.864 S/m; $\varepsilon_r$ = 38.07; $\rho$ = 1000 kg/m$^3$
Ambient Temperature：23.7 ℃ ; Liquid Temperature：23.2 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7537; ConvF(7.61, 7.61, 7.61) @ 2450 MHz; Calibrated: 2021/04/26
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1585; Calibrated: 2021/04/15
- Phantom: SAM Phantom_1987; Type: QD 000 P41 AA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Pin=50mW/Area Scan (81x81x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 4.56 W/kg

**Pin=50mW/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 51.67 V/m; Power Drift = 0.07 dB
Peak SAR (extrapolated) = 5.69 W/kg
**SAR(1 g) = 2.71 W/kg; SAR(10 g) = 1.28 W/kg** (SAR corrected for target medium)
Maximum value of SAR (measured) = 4.64 W/kg



# S07 System Check_H2450_210813

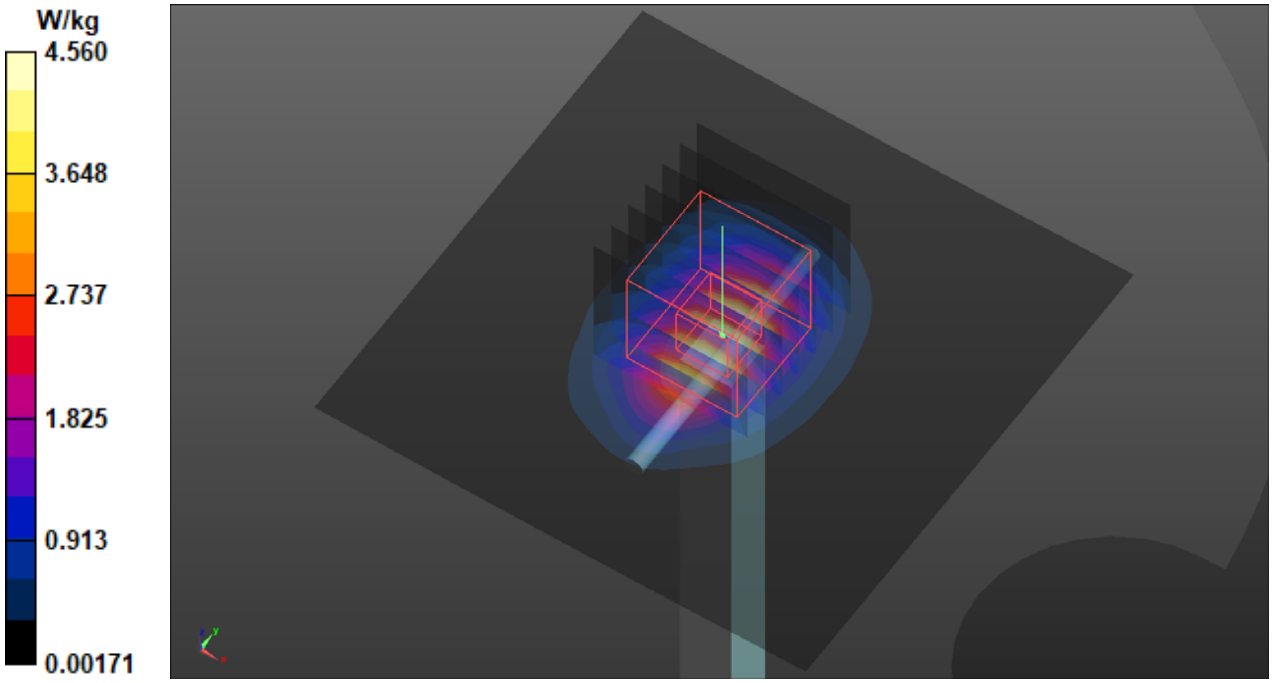
## DUT: Dipole 2450 MHz; Type: D2450V2; SN: 835

Communication System: UID 0, CW; Frequency: 2450 MHz;Duty Cycle: 1:1
Medium: H19T27N1_0813 Medium parameters used (interpolated): f = 2450 MHz; $\sigma$ = 1.864 S/m; $\varepsilon_r$ = 38.07; $\rho$ = 1000 kg/m$^3$
Ambient Temperature：23.7 ℃ ; Liquid Temperature：23.2 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7537; ConvF(7.61, 7.61, 7.61) @ 2450 MHz; Calibrated: 2021/04/26
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1585; Calibrated: 2021/04/15
- Phantom: SAM Phantom_1987; Type: QD 000 P41 AA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Pin=50mW/Area Scan (81x81x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 4.56 W/kg

**Pin=50mW/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 51.67 V/m; Power Drift = 0.07 dB
Peak SAR (extrapolated) = 5.69 W/kg
**SAR(1 g) = 2.71 W/kg; SAR(10 g) = 1.28 W/kg** (SAR corrected for target medium)
Maximum value of SAR (measured) = 4.64 W/kg



# S08 System Check_H2450_210816

## DUT: Dipole 2450 MHz; Type: D2450V2; SN: 835

Communication System: UID 0, CW; Frequency: 2450 MHz;Duty Cycle: 1:1
Medium: H19T27N1_0816 Medium parameters used (interpolated): f = 2450 MHz; $\sigma$ = 1.848 S/m; $\varepsilon_r$ = 37.854; $\rho$ = 1000 kg/m$^3$
Ambient Temperature：23.8 ℃ ; Liquid Temperature：23.1 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7537; ConvF(7.61, 7.61, 7.61) @ 2450 MHz; Calibrated: 2021/04/26
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1585; Calibrated: 2021/04/15
- Phantom: SAM Phantom_1987; Type: QD 000 P41 AA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Pin=50mW/Area Scan (81x81x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 4.52 W/kg

**Pin=50mW/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 51.67 V/m; Power Drift = 0.07 dB
Peak SAR (extrapolated) = 5.64 W/kg
**SAR(1 g) = 2.70 W/kg; SAR(10 g) = 1.27 W/kg** (SAR corrected for target medium)
Maximum value of SAR (measured) = 4.60 W/kg