## 2.4GWIFI

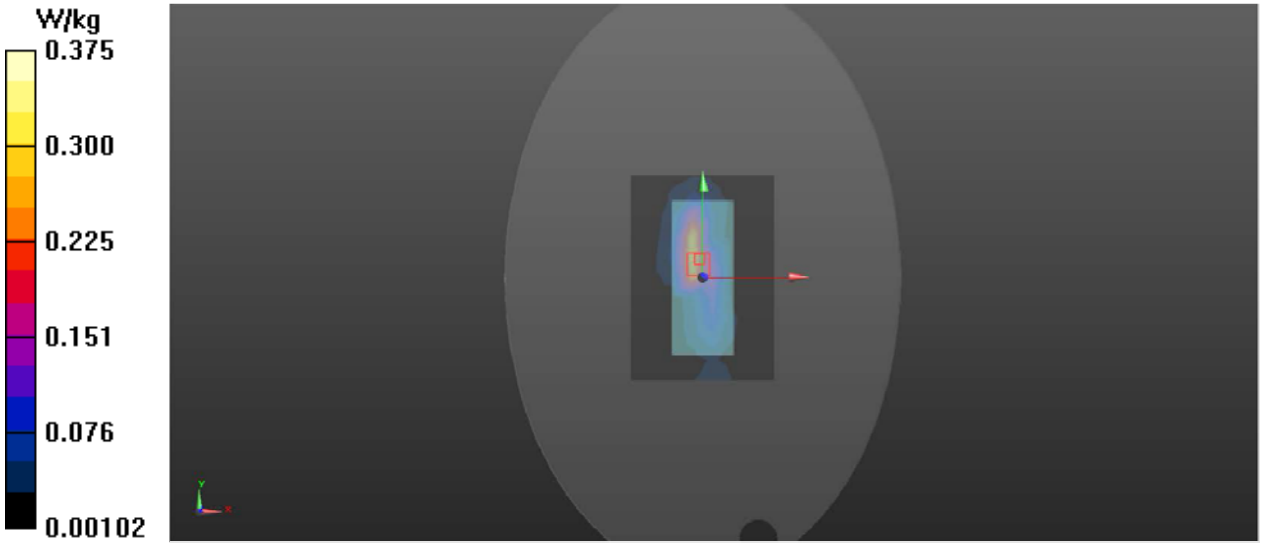
### DUT: ZG48

Communication System: 802.11b ; Frequency: 2437 MHz;Duty Cycle: 1:1
Medium: H2450 Medium parameters used: f = 2437 MHz; $\sigma$ = 1.77 S/m; $\varepsilon_r$ = 40.42; $\rho$ = 1000 kg/m$^3$
Ambient Temperature：22.1 ℃; Liquid Temperature：21.9℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3970; Calibrated: 2024/6/25;
- Electronics: DAE4 Sn1418; Calibrated: 2024/5/17
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1231
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

**Front/Area Scan (8x11x1):** Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (measured) = 0.281 W/kg

**Front/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 11.22 V/m; Power Drift = 0.16 dB
Peak SAR (extrapolated) = 0.520 W/kg
**SAR(1 g) = 0.546 W/kg; SAR(10 g) = 0.224 W/kg**
Maximum value of SAR (measured) = 0.375 W/kg



## 5.2GWIFI

### DUT: ZG48

Communication System: 802.11a ; Frequency: 5200 MHz;Duty Cycle: 1:1
Medium: HSL 5GHz Medium parameters used: f = 5200 MHz; $\sigma$ = 4.73 S/m; $\varepsilon_r$ = 36.93; $\rho$ = 1000 kg/m$^3$
Ambient Temperature：22.0 ℃; Liquid Temperature：21.8 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3970; Calibrated: 2024/6/25;
- Electronics: DAE4 Sn1418; Calibrated: 2024/5/17
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1231
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

**Front/Area Scan (8x11x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (measured) = 0.310 W/kg

**Front/Zoom Scan (9x9x16)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 1.544 V/m; Power Drift = -0.18 dB
Peak SAR (extrapolated) = 0.908 W/kg
**SAR(1 g) = 0.561 W/kg; SAR(10 g) = 0.236 W/kg**
Maximum value of SAR (measured) = 0.501 W/kg