

2.4GWIFI

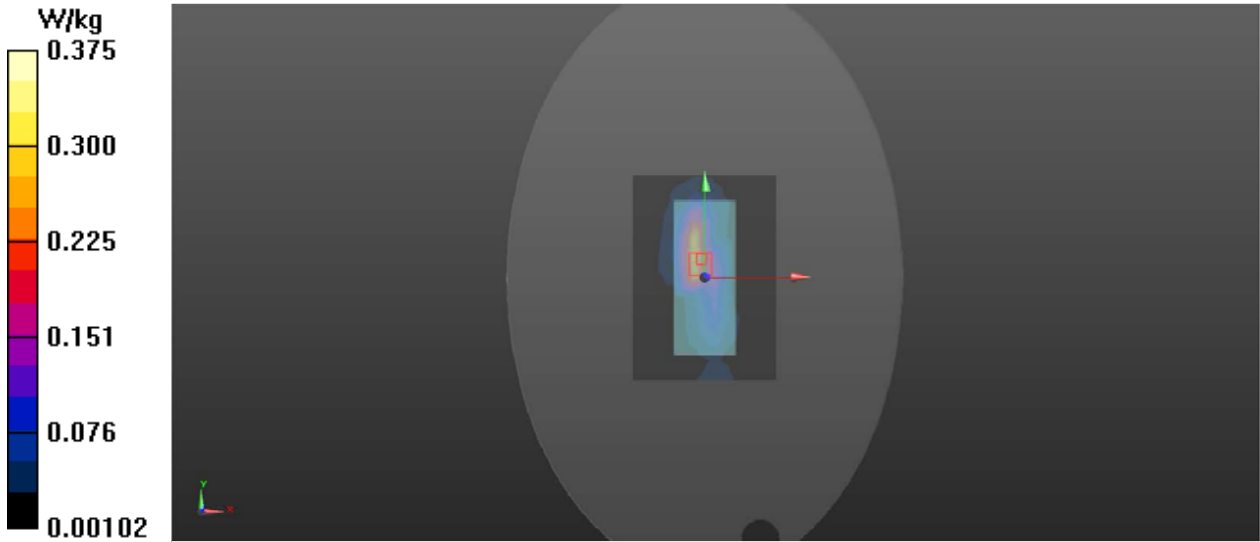
DUT: ZG48

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

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: $dx=20\text{mm}$, $dy=20\text{mm}$
Maximum value of SAR (measured) = 0.281 W/kg

Front/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$
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: $f = 5200\text{ MHz}$; $\sigma = 4.73\text{ S/m}$; $\epsilon_r = 36.93$; $\rho = 1000\text{ kg/m}^3$
Ambient Temperature : $22.0\text{ }^{\circ}\text{C}$; Liquid Temperature : $21.8\text{ }^{\circ}\text{C}$

- 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: $dx=20\text{mm}$, $dy=20\text{mm}$

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

Front/Zoom Scan (9x9x16)/Cube 0: Measurement grid: $dx=4\text{mm}$, $dy=4\text{mm}$, $dz=2\text{mm}$
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

