

2.4GWIFI

DUT:

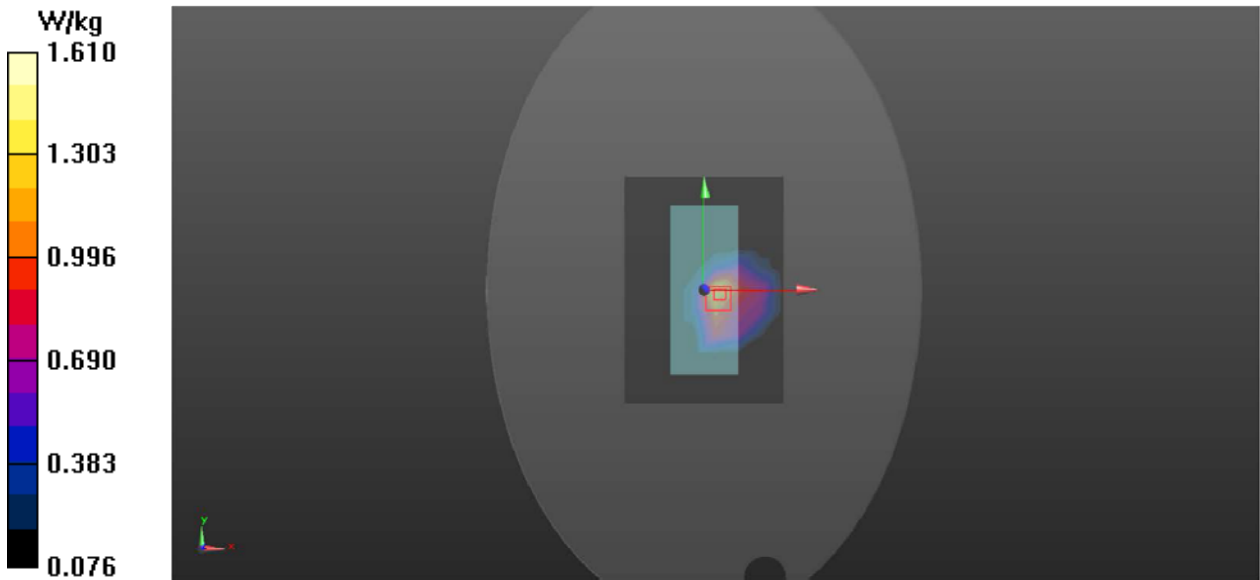
Communication System: 802.11b; Frequency: 2437 MHz;Duty Cycle: 1:1
Medium: HSL2450 Medium parameters used : $f = 2437\text{ MHz}$; $\sigma = 1.83\text{ S/m}$; $\epsilon_r = 40.12$; $\rho = 1000\text{ kg/m}^3$
Ambient Temperature : $22.3\text{ }^{\circ}\text{C}$; Liquid Temperature : $22.1\text{ }^{\circ}\text{C}$

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 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Front/Area Scan (8x11x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$
Maximum value of SAR (measured) = 1.42 W/kg

Front/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$
Reference Value = 18.677 V/m ; Power Drift = -0.14 dB
Peak SAR (extrapolated) = 2.06 W/kg
SAR(1 g) = 0.610 W/kg ; SAR(10 g) = 0.233 W/kg
Maximum value of SAR (measured) = 1.61 W/kg



5.2GWIFI

DUT:

Communication System: 802.11a ; Frequency: 5200 MHz;Duty Cycle: 1:1
Medium: HSL 5GHz Medium parameters used: $f = 5200\text{ MHz}$; $\sigma = 4.73\text{ S/m}$; $\epsilon_r = 36.73$; $\rho = 1000\text{ kg/m}^3$
Ambient Temperature : $22.3\text{ }^{\circ}\text{C}$; Liquid Temperature : $22.1\text{ }^{\circ}\text{C}$

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 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Front/Area Scan (8x11x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Maximum value of SAR (measured) = 4.76 W/kg

Front/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=4\text{mm}$, $dy=4\text{mm}$, $dz=2\text{mm}$
Reference Value = 23.808 V/m ; Power Drift = -0.11 dB
Peak SAR (extrapolated) = 8.41 W/kg
SAR(1 g) = 0.750 W/kg ; SAR(10 g) = 0.422 W/kg
Maximum value of SAR (measured) = 6.09 W/kg

