Test Laboratory: Shenzhen EMTEK Co.,Ltd. Date: 2024/9/12

2.4GWIFI

DUT:

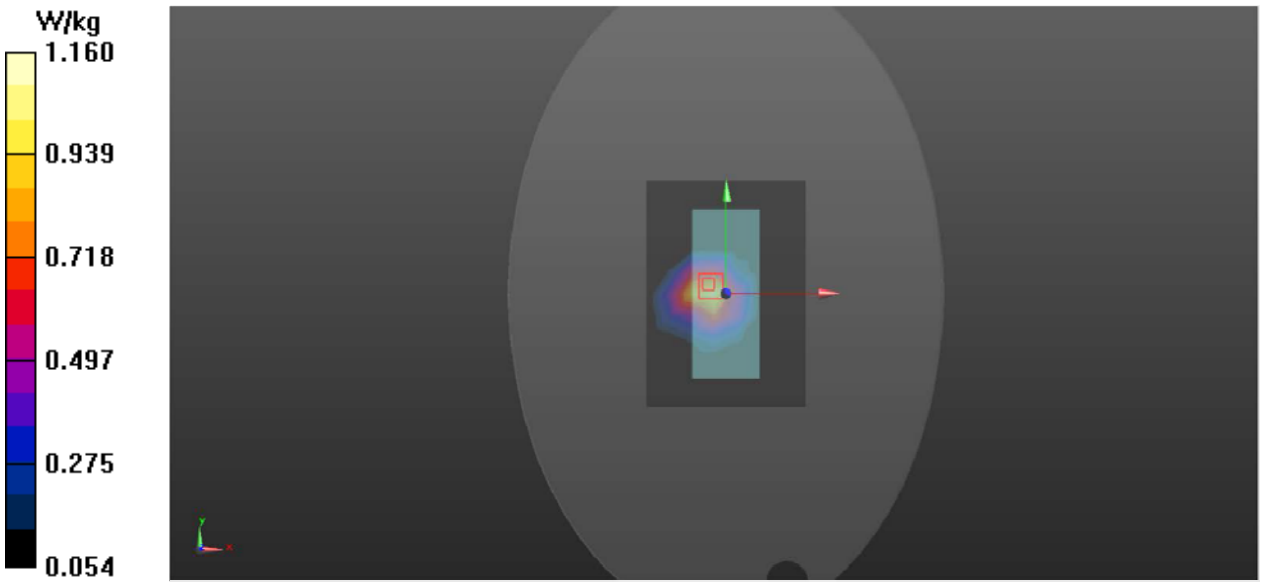
Communication System:802.11b; Frequency: 2437 MHz;Duty Cycle: 1:1
Medium: H2450 Medium parameters used: f = 2437 MHz; σ = 1.77 S/m; ε_r = 40.09; ρ = 1000 kg/m^3
Ambient Temperature：21.8 ℃; Liquid Temperature：21.6℃

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=15mm, dy=15mm

Maximum value of SAR (measured) = 1.07 W/kg

Front/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 22.271 V/m; Power Drift = -0.15 dB
Peak SAR (extrapolated) = 1.48 W/kg
SAR(1 g) = 0.722 W/kg; SAR(10 g) = 0.410 W/kg
Maximum value of SAR (measured) = 1.16 W/kg



5.2GWIFI

DUT:

Communication System: 802.11a; Frequency: 5200 MHz;Duty Cycle: 1:1
Medium: HSL 5GHz Medium parameters used: f = 5200 MHz; σ = 4.72 S/m; ε_r = 36.88; ρ = 1000 kg/m^3
Ambient Temperature：21.9 ℃; Liquid Temperature：21.7℃

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=15mm, dy=15mm

Maximum value of SAR (measured) = 3.92 W/kg

Front/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 27.211 V/m; Power Drift = 0.04 dB
Peak SAR (extrapolated) = 5.38 W/kg
SAR(1 g) = 0.740 W/kg; SAR(10 g) = 0.422 W/kg
Maximum value of SAR (measured) = 4.44 W/kg