

## 2.4GWIFI

### DUT: FLEX

Communication System: 802.11b ; Frequency: 2437 MHz;Duty Cycle: 1:1

Medium: H2450 Medium parameters used:  $f = 2437$  MHz;  $\sigma = 1.78$  S/m;  $\epsilon_r = 40.41$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 22.0 °C ; Liquid Temperature : 21.8 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3970; Calibrated: 2023/5/17;
- Electronics: DAE4 Sn1418; Calibrated: 2023/4/25
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1231
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

**Right/Area Scan (6x12x1):** Measurement grid: dx=15.000 mm, dy=15.000 mm

Maximum value of SAR (measured) = 0.0548 W/kg

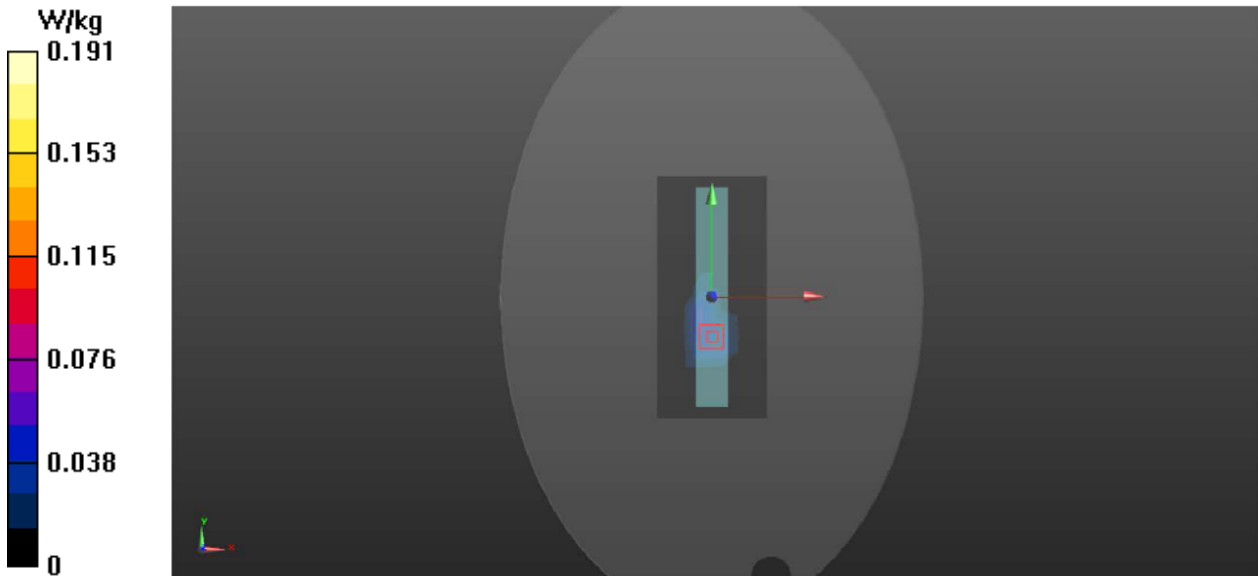
**Right/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 2.659 V/m; Power Drift = 0.12 dB

Peak SAR (extrapolated) = 0.486 W/kg

**SAR(1 g) = 0.172 W/kg; SAR(10 g) = 0.061 W/kg**

Maximum value of SAR (measured) = 0.191 W/kg



## 5.2GWIFI

### DUT: FLEX

Communication System: 802.11a; Frequency: 5200 MHz;Duty Cycle: 1:1

Medium: H5G Medium parameters used:  $f = 5200$  MHz;  $\sigma = 4.68$  S/m;  $\epsilon_r = 36.95$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 22.2 °C; Liquid Temperature : 22.0 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3970; Calibrated: 2023/5/17;
- Electronics: DAE4 Sn1418; Calibrated: 2023/4/25
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1231
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

**Right/Area Scan (6x12x1):** Measurement grid: dx=15.000 mm, dy=15.000 mm

Maximum value of SAR (measured) = 0.296 W/kg

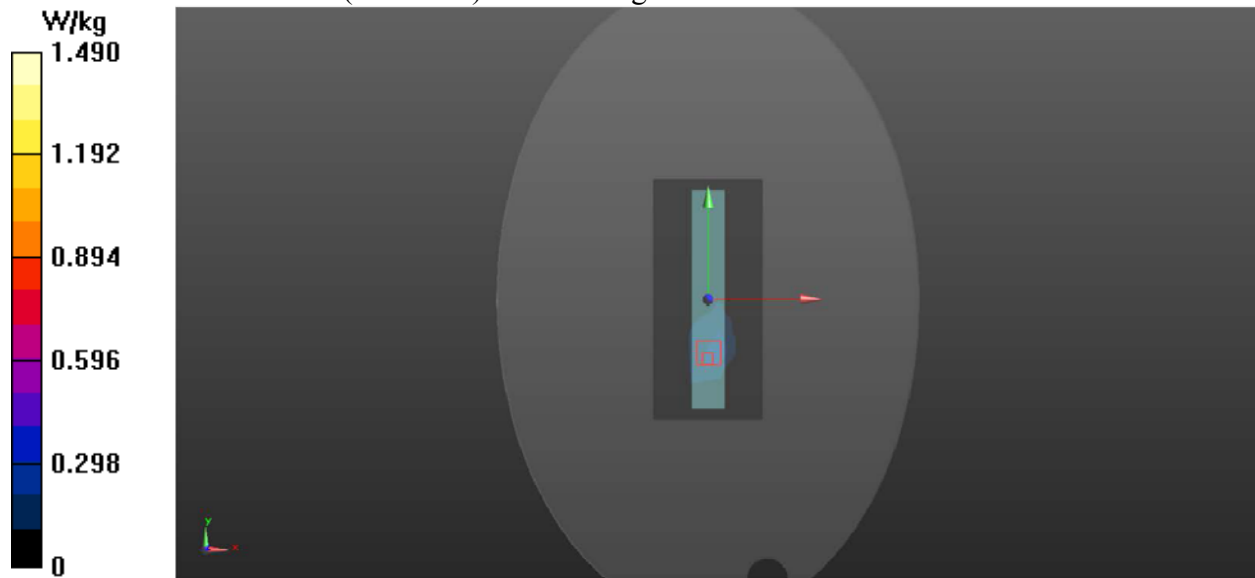
**Right/Zoom Scan (9x9x16)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 4.658 V/m; Power Drift = -0.11 dB

Peak SAR (extrapolated) = 3.97 W/kg

**SAR(1 g) = 0.433 W/kg; SAR(10 g) = 0.170 W/kg**

Maximum value of SAR (measured) = 1.49 W/kg



Test Laboratory: Shenzhen EMTEK Co.,Ltd.

Date: 2024/3/13