

## 2.4GWIFI

### DUT: TB420

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

Medium: HSL2450 Medium parameters used (interpolated):  $f = 2437$  MHz;  $\sigma = 1.84$  S/m;  $\epsilon_r = 38.00$ ;  $\rho = 1000$  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)

**Back/Area Scan (8x11x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.0988 W/kg

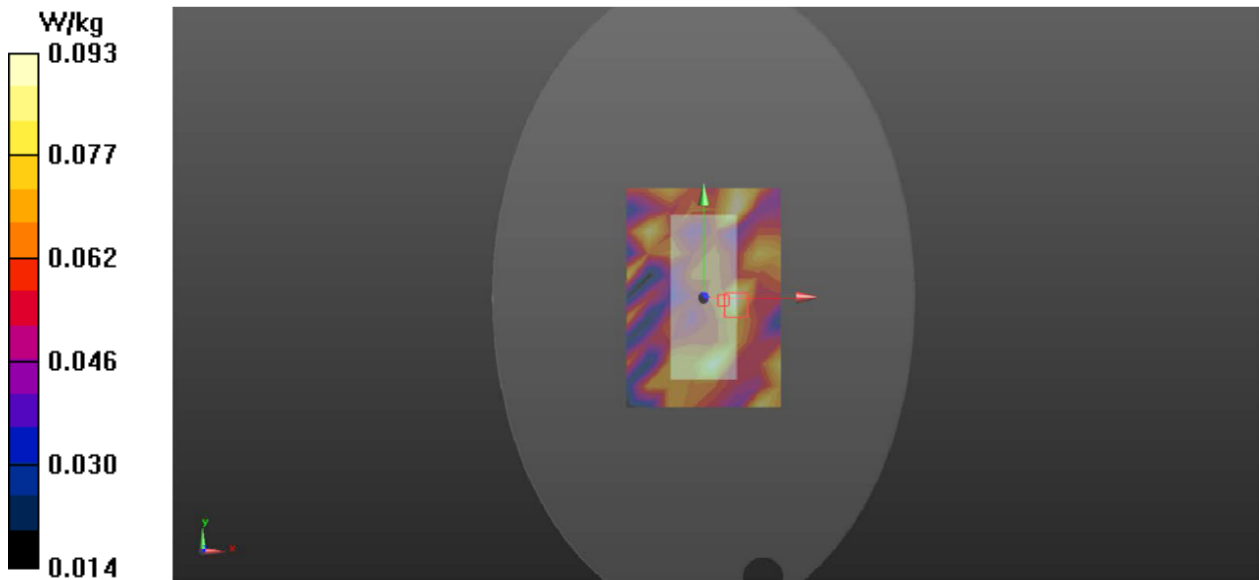
**Back/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 5.759 V/m; Power Drift = -0.11 dB

Peak SAR (extrapolated) = 0.111 W/kg

**SAR(1 g) = 0.070 W/kg; SAR(10 g) = 0.063 W/kg**

Maximum value of SAR (measured) = 0.0933 W/kg



## 5.2GWIFI

### DUT: TB420

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

Medium: HSL 5GHz Medium parameters used:  $f = 5200$  MHz;  $\sigma = 4.55$  S/m;  $\epsilon_r = 35.89$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 22.1 °C ; Liquid Temperature : 21.9 °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)

**Back/Area Scan (8x11x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.232 W/kg

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

Reference Value = 3.612 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 0.975 W/kg

**SAR(1 g) = 0.091 W/kg; SAR(10 g) = 0.029 W/kg**

Maximum value of SAR (measured) = 0.393 W/kg

