

2.4GWIFI

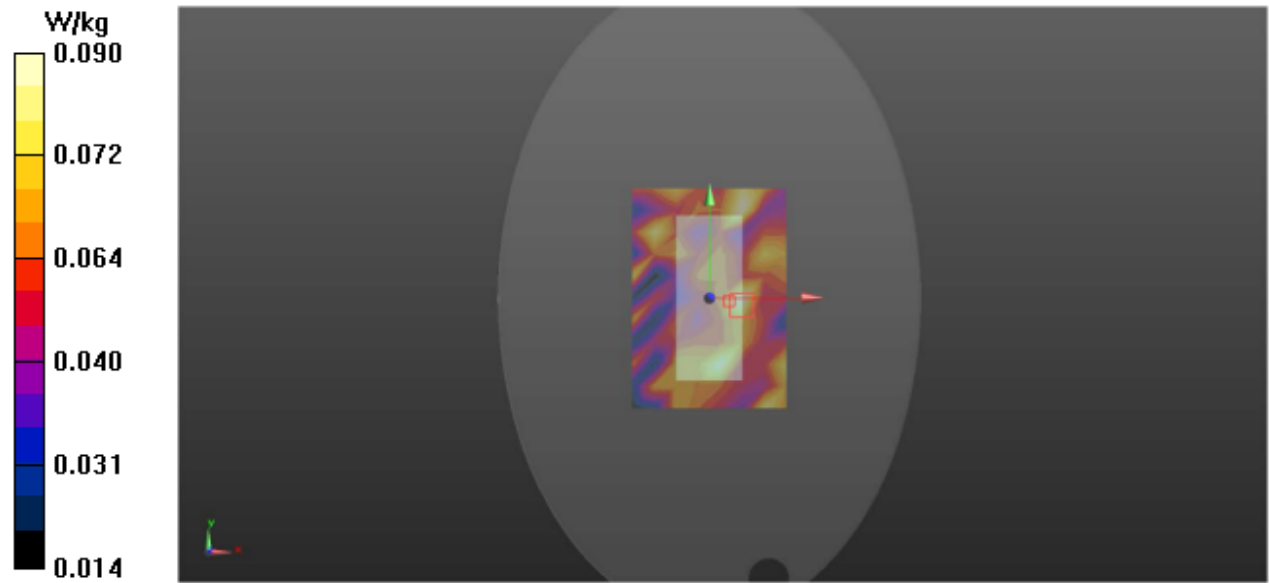
DUT: TB420

Communication System: 802.11b ; Frequency: 2437 MHz;Duty Cycle: 1:1
Medium: H2450 Medium parameters used: $f = 2437\text{ MHz}$; $\sigma = 1.75\text{ S/m}$; $\epsilon_r = 40.10$; $\rho = 1000\text{ kg/m}^3$
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 52.8 (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) = 0.0814 W/kg

Front/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$
Reference Value = 5.687 V/m ; Power Drift = -0.12 dB
Peak SAR (extrapolated) = 0.120 W/kg
SAR(1 g) = 0.065 W/kg ; SAR(10 g) = 0.052 W/kg
Maximum value of SAR (measured) = 0.0901 W/kg



5.2GWIFI

DUT: TB420

Communication System: 802.11a ; Frequency: 5200 MHz;Duty Cycle: 1:1
Medium: H5G Medium parameters used: $f = 5200\text{ MHz}$; $\sigma = 4.72\text{ S/m}$; $\epsilon_r = 36.80$; $\rho = 1000\text{ kg/m}^3$
Ambient Temperature : $22.2\text{ }^\circ\text{C}$; Liquid Temperature : $22.0\text{ }^\circ\text{C}$

- 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) = 0.211 W/kg

Front/Zoom Scan (9x9x16)/Cube 0: Measurement grid: $dx=4\text{mm}$, $dy=4\text{mm}$, $dz=2\text{mm}$
Reference Value = 3.574 V/m ; Power Drift = 0.11 dB
Peak SAR (extrapolated) = 0.962 W/kg
SAR(1 g) = 0.088 W/kg ; SAR(10 g) = 0.023 W/kg
Maximum value of SAR (measured) = 0.397 W/kg

