

2.4GWIFI

DUT:

Communication System: 802.11b ; Frequency: 2437 MHz;Duty Cycle: 1:2.1427
Medium: H2450 Medium parameters used: $f = 2437\text{ MHz}$; $\sigma = 1.76\text{ S/m}$; $\epsilon_r = 40.14$; $\rho = 1000\text{ kg/m}^3$
Ambient Temperature : $22.1\text{ }^\circ\text{C}$; Liquid Temperature : $21.9\text{ }^\circ\text{C}$

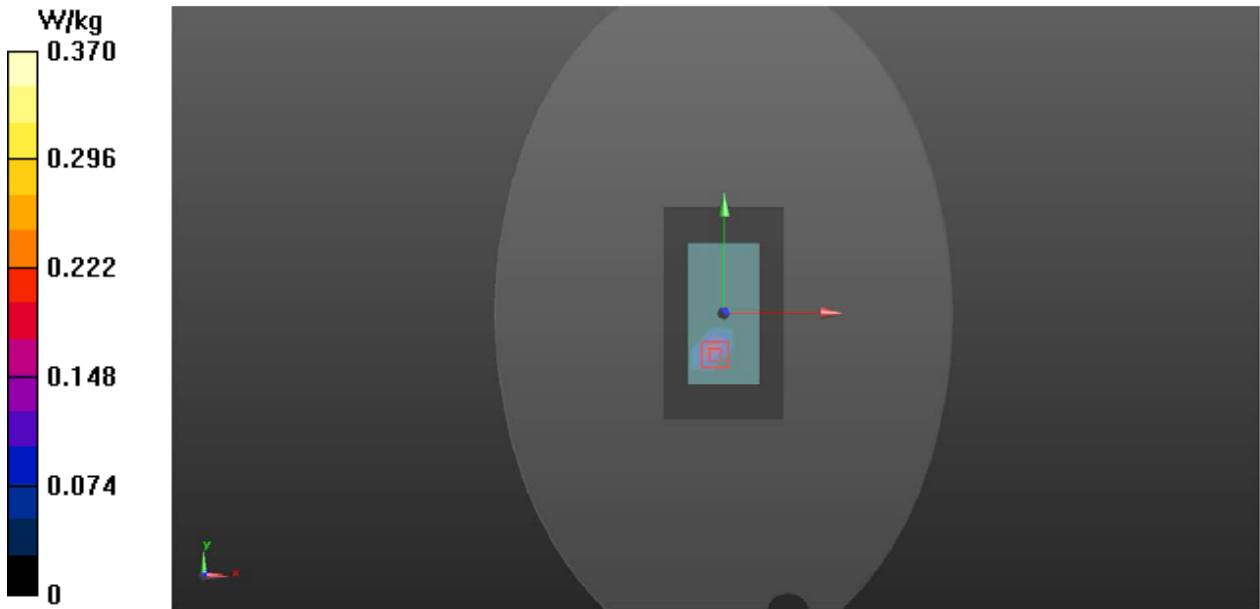
DASY5 Configuration:
- Probe: EX3DV4 - SN3970; Calibrated: 2025/6/5;
- Electronics: DAE4 Sn1418; Calibrated: 2025/6/5
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1231
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Right/Area Scan (6x10x1): Measurement grid: $dx=20\text{mm}$, $dy=20\text{mm}$

Maximum value of SAR (measured) = 0.218 W/kg

Right/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

Reference Value = 2.111 V/m ; Power Drift = -0.11 dB
Peak SAR (extrapolated) = 1.28 W/kg
SAR(1 g) = 0.329 W/kg ; SAR(10 g) = 0.142 W/kg
Smallest distance from peaks to all points 3 dB below = 6 mm
Ratio of SAR at M2 to SAR at M1 = 13.9%
Maximum value of SAR (measured) = 0.370 W/kg



5.2GWIFI

DUT:

Communication System: 802.11a; Frequency: 5200 MHz;Duty Cycle: 1:2.2841
Medium: H5G Medium parameters used: $f = 5200\text{ MHz}$; $\sigma = 4.62\text{ S/m}$; $\epsilon_r = 36.82$; $\rho = 1000\text{ kg/m}^3$
Ambient Temperature : $22.3\text{ }^{\circ}\text{C}$; Liquid Temperature : $22.1\text{ }^{\circ}\text{C}$

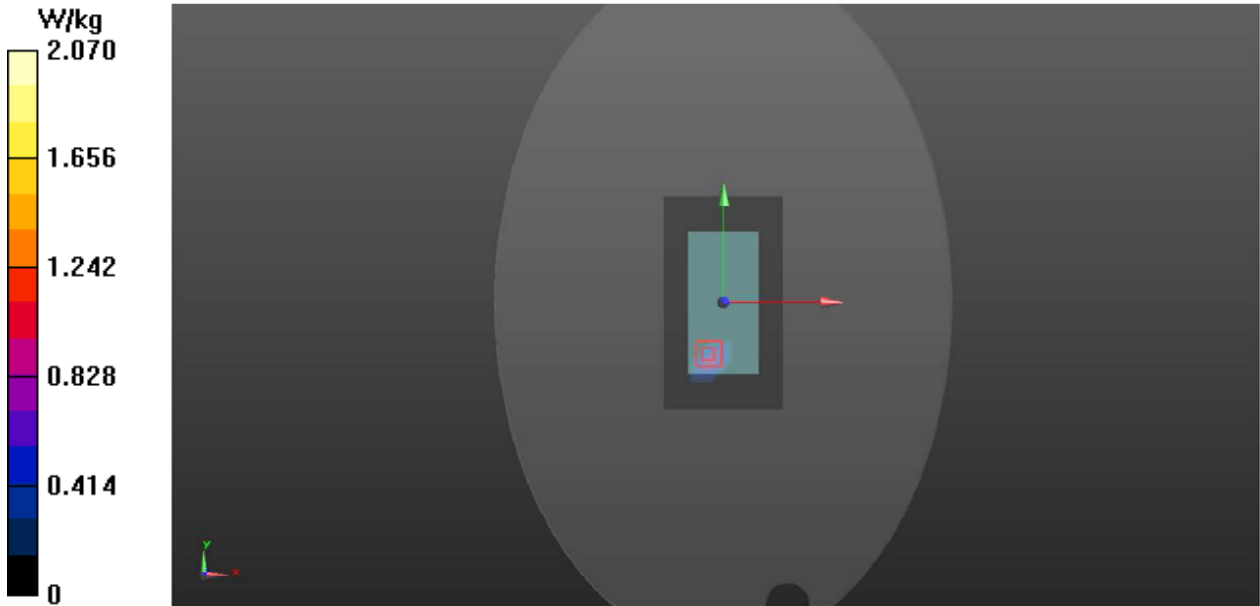
- DASY5 Configuration:
- Probe: EX3DV4 - SN3970; Calibrated: 2025/6/5;
 - Electronics: DAE4 Sn1418; Calibrated: 2025/6/5
 - Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1231
 - Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Right/Area Scan (6x10x1): Measurement grid: $dx=20\text{mm}$, $dy=20\text{mm}$

Maximum value of SAR (measured) = 1.03 W/kg

Right/Zoom Scan (9x9x16)/Cube 0: Measurement grid: $dx=4\text{mm}$, $dy=4\text{mm}$, $dz=2\text{mm}$

Reference Value = 2.085 V/m ; Power Drift = -0.16 dB
Peak SAR (extrapolated) = 5.36 W/kg
SAR(1 g) = 0.510 W/kg ; SAR(10 g) = 0.205 W/kg
Smallest distance from peaks to all points 3 dB below = 5.8 mm
Ratio of SAR at M2 to SAR at M1 = 45.3%
Maximum value of SAR (measured) = 2.07 W/kg



5.8GWIFI

DUT:

Communication System:802.11a; Frequency: 5785 MHz;Duty Cycle: 1:2.2538
Medium: H5G Medium parameters used: $f = 5785 \text{ MHz}$; $\sigma = 5.30 \text{ S/m}$; $\epsilon_r = 35.72$; $\rho = 1000 \text{ kg/m}^3$
Ambient Temperature : $22.0 \text{ }^\circ\text{C}$; Liquid Temperature : $21.8 \text{ }^\circ\text{C}$

DASY5 Configuration:
- Probe: EX3DV4 - SN3970; Calibrated: 2025/6/5;
- Electronics: DAE4 Sn1418; Calibrated: 2025/6/5
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1231
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Right/Area Scan (6x10x1): Measurement grid: $dx=20\text{mm}$, $dy=20\text{mm}$

Maximum value of SAR (measured) = 0.975 W/kg

Right/Zoom Scan (9x9x16)/Cube 0: Measurement grid: $dx=4\text{mm}$, $dy=4\text{mm}$, $dz=2\text{mm}$
Reference Value = 0.8620 V/m ; Power Drift = 0.18 dB
Peak SAR (extrapolated) = 4.11 W/kg
SAR(1 g) = 0.448 W/kg ; SAR(10 g) = 0.173 W/kg
Smallest distance from peaks to all points 3 dB below = 5.8 mm
Ratio of SAR at M2 to SAR at M1 = 47.2%
Maximum value of SAR (measured) = 1.59 W/kg

