



Appendix B

Detailed Test Results

1. WIFI
WIFI 2.4GHz for Body





Date: 2025/3/25

Test Laboratory: LCS-SAR Lab

WIFI 2.4G 802.11b 1CH Rear side 0mm**DUT: Handheld Thermal Imaging Monocular; Type: SMART; Serial: A250312059-1**

Communication System: UID 0, WIFI 2.4GHz (0); Frequency: 2412 MHz; Duty Cycle: 1:1.010

Medium parameters used: $f = 2412 \text{ MHz}$; $\sigma = 1.766 \text{ S/m}$; $\epsilon_r = 39.452$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3805; ConvF(7.43, 7.43, 7.43); Calibrated: 2025/2/25;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn373; Calibrated: 2025/2/17
- Phantom: SAM v5.0; Type: SAM; Serial: 1850
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/Unnamed procedure/Area Scan (9x13x1): Measurement grid: $dx=12\text{mm}$, $dy=12\text{mm}$

Maximum value of SAR (measured) = 0.741 W/kg

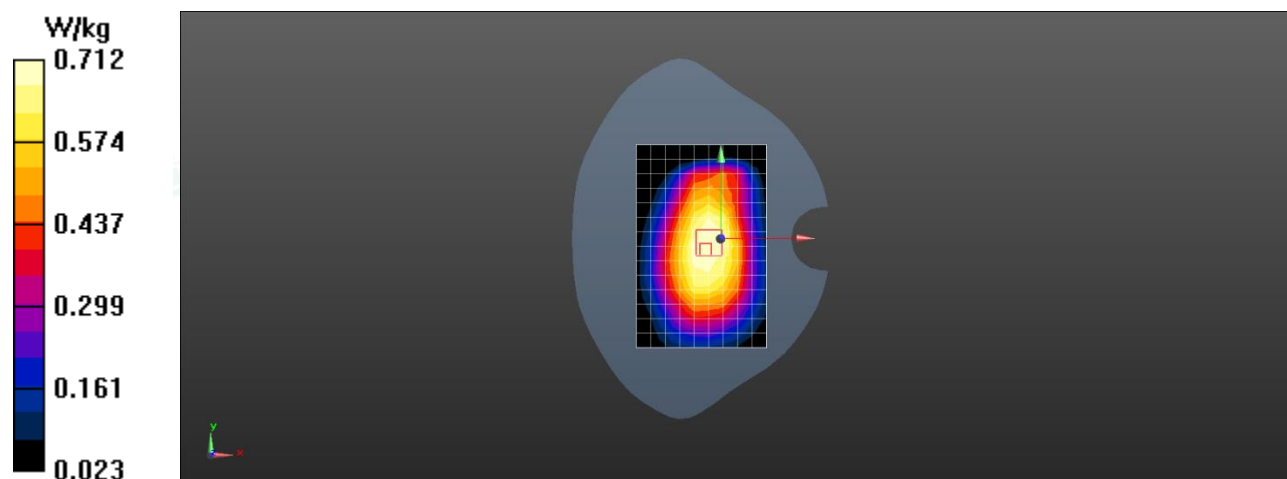
Configuration/Unnamed procedure/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

Reference Value = 4.125V/m; Power Drift = 0.12 dB

Peak SAR (extrapolated) = 0.901 W/kg

SAR(1 g) = 0.489 W/kg; SAR(10 g) = 0.302 W/kg

Maximum value of SAR (measured) = 0.712 W/kg



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