



Appendix B

Detailed Test Results

1. WIFI

WIFI 2.4GHz for Body



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Date: 2026/5/18

Test Laboratory: LCS-SAR Lab

WIFI 2.4G 802.11b 13CH Front side 0mm**DUT: Thermal Imaging Scope ; Type: DOT-Q25 ; Serial: A260420034-1**

Communication System: UID 0, WIFI 2.4GHz (0); Frequency: 2462 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 2462 \text{ MHz}$; $\sigma = 1.832 \text{ S/m}$; $\epsilon_r = 39.642$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3805; ConvF(7.38, 7.38, 7.38); Calibrated: 2026/3/2;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn373; Calibrated: 2026/3/2
- Phantom: SAM v5.0; Type: SAM; Serial: 1850
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

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

Maximum value of SAR (measured) = 1.23 W/kg

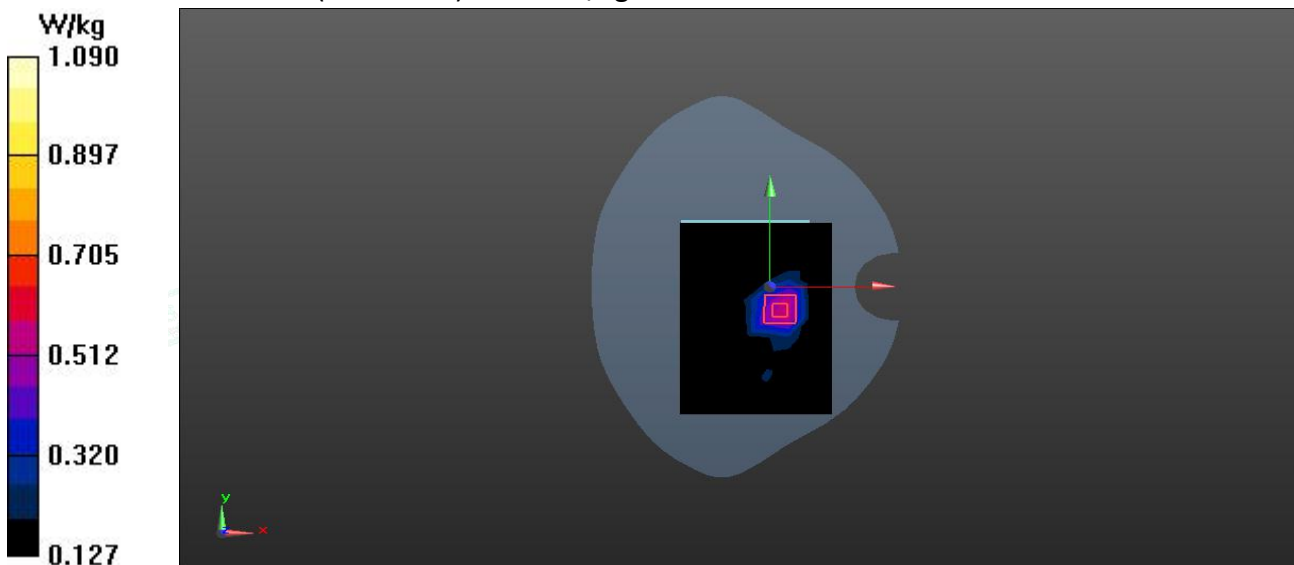
Configuration/ Body /Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

Reference Value = 12.35 V/m; Power Drift = -0.15 dB

Peak SAR (extrapolated) = 1.41 W/kg

SAR(1 g) = 0.672 W/kg; SAR(10 g) = 0.329 W/kg

Maximum value of SAR (measured) = 1.09 W/kg



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