

Appendix B

Detailed Test Results

1. WIFI
WIFI 2.4GHz for Head(in-front-of face)





Date: 2025/7/23

Test Laboratory: LCS-SAR Lab

WIFI 2.4G 802.11b 1CH Front side 0mm

DUT: Camera; Type: S205; Serial: A250702075-1

Communication System: UID 0, WIFI 2.4GHz (0); Frequency: 2412 MHz; Duty Cycle: 1:1.009

Medium parameters used: $f = 2412$ MHz; $\sigma = 1.745$ S/m; $\epsilon_r = 40.154$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3805; ConvF(7.43, 7.43, 7.43); Calibrated: 2025/2/25;
- Sensor-Surface: 1.4mm (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/ Body /Area Scan (10x15x1): Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (measured) = 0.942 W/kg

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

Reference Value = 11.25 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 1.12 W/kg

SAR(1 g) = 0.477 W/kg; SAR(10 g) = 0.287 W/kg

Maximum value of SAR (measured) = 0.955 W/kg

