



SGS-CSTC Standards Technical Services (Suzhou) Co., Ltd

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# Appendix B

## Detailed Test Results

1. WIFI
WIFI 2.4G

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Test Laboratory: SGS-SAR Lab

## **HDCAM1 WIFI2.4G 802.11g 6CH Top side 0mm**

**DUT: HDCAM1; Type: Smart Camera;**

Communication System: UID 0, WI-FI(2.4GHz) (0); Frequency: 2437 MHz; Duty Cycle: 1:1.011

Medium: HSL2450; Medium parameters used:  $f = 2437$  MHz;  $\sigma = 1.797$  S/m;  $\epsilon_r = 38.666$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3793; ConvF(7.18, 7.18, 7.18); Calibrated: 2024/03/04
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 2024/06/05
- Phantom: SAM 7; Type: SAM; Serial: 1702
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

**Configuration/Body/Area Scan (7x9x1):** Measurement grid: dx=12mm, dy=12mm  
Maximum value of SAR (measured) = 1.26 W/kg

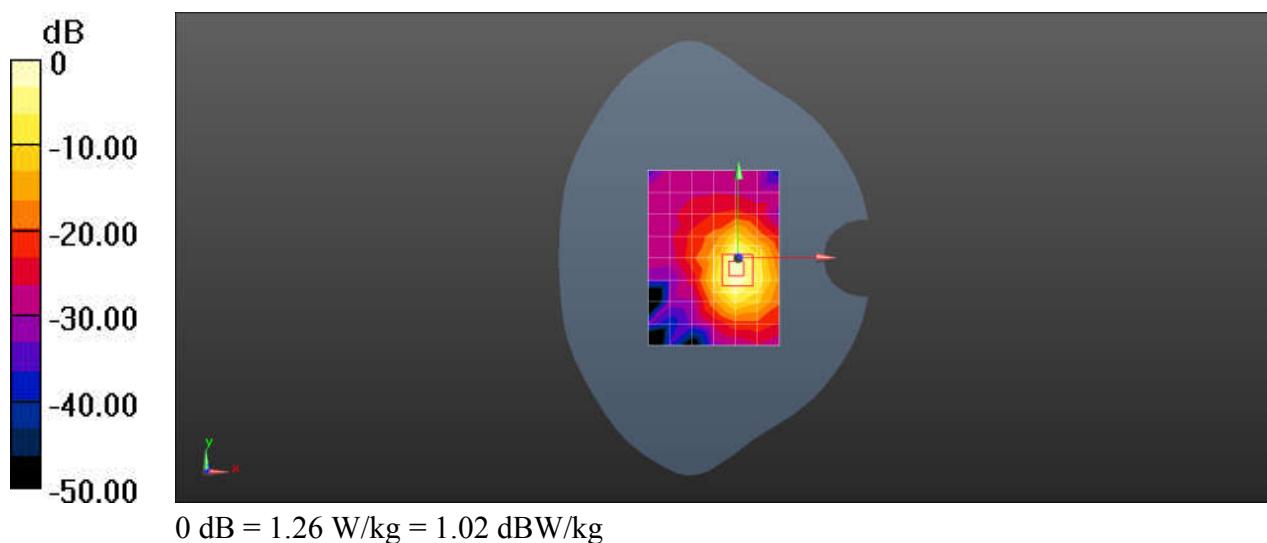
**Configuration/Body/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 5.283 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 2.01 W/kg

**SAR(1 g) = 0.947 W/kg; SAR(10 g) = 0.386 W/kg**

Maximum value of SAR (measured) = 1.62 W/kg



0 dB = 1.26 W/kg = 1.02 dBW/kg