



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/m³

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

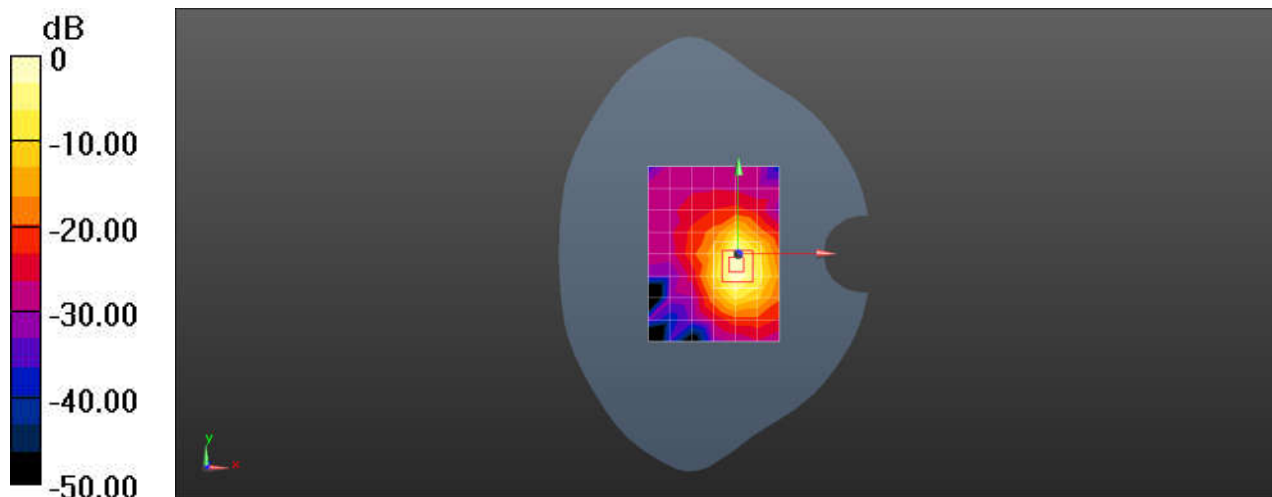
Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

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