



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

Report No.: SUCR241100050301
Rev.: 01

Appendix B
Detailed Test Results

1. Bluetooth
Bluetooth for limbs 0mm

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Test Laboratory: SGS-SAR Lab

A2437 Bluetooth DH5 39CH Back side 0mm

DUT: A2437; Type: Smart Watch;

Communication System: UID 0, Bluetooth (0); Frequency: 2441 MHz; Duty Cycle: 1:1

Medium: HSL2450; Medium parameters used: $f = 2441$ MHz; $\sigma = 1.805$ S/m; $\epsilon_r = 38.518$; $\rho = 1000$ 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 (9x13x1): Measurement grid: dx=12mm, dy=12mm
Maximum value of SAR (measured) = 0.172 W/kg

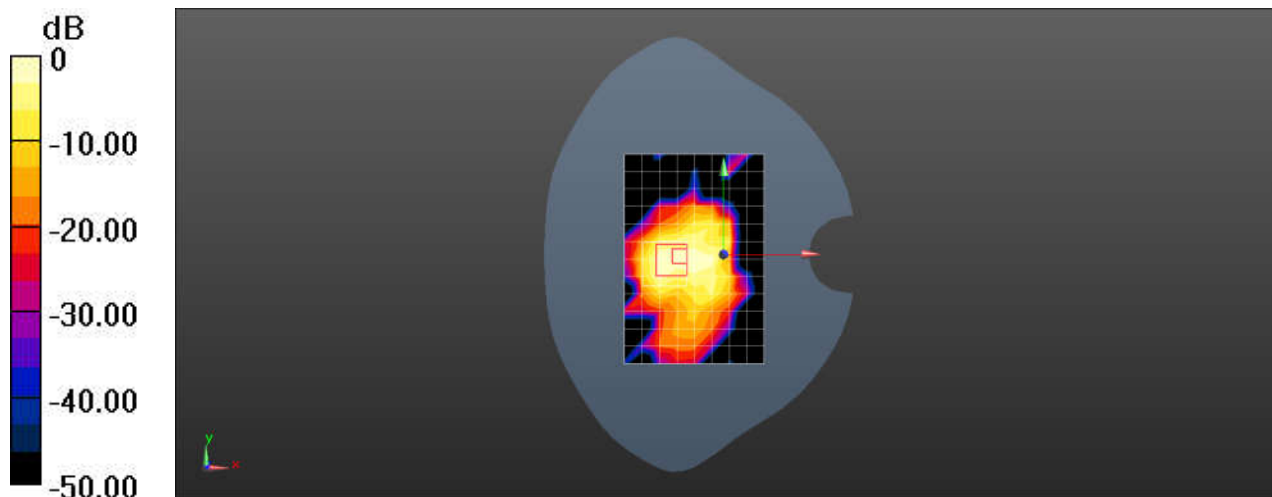
Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 9.773 V/m; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 0.222 W/kg

SAR(1 g) = 0.098 W/kg; SAR(10 g) = 0.041 W/kg

Maximum value of SAR (measured) = 0.187 W/kg



0 dB = 0.172 W/kg = -7.64 dBW/kg