

# Appendix B

## Detailed Test Results

1. BT
BT



SGS-CSTC Standards Technical Services Co., Ltd.  
Shenzhen Branch Inspection & Testing Services  
EEC Laboratory

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Test Laboratory: SGS-SAR Lab

## AMIRON ZERO Bluetooth DH5 78CH Front side 0mm with Left earbud

**DUT: AMIRON ZERO;**

Communication System: UID 0, Bluetooth (0); Frequency: 2480 MHz; Duty Cycle: 1:1.728

Medium: HSL2450; Medium parameters used:  $f = 2480$  MHz;  $\sigma = 1.793$  S/m;  $\epsilon_r = 38.253$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3789; ConvF(6.98, 6.98, 6.98); Calibrated: 2025-01-15
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1663; Calibrated: 2025-04-27
- Phantom: SAM 3; Type: SAM Twin; Serial: 2031
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

**Configuration/Head/Area Scan (4x5x1):** Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (measured) = 0.129 W/kg

**Configuration/Head//Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm Reference Value = 3.873 V/m; Power Drift = 0.07 dB

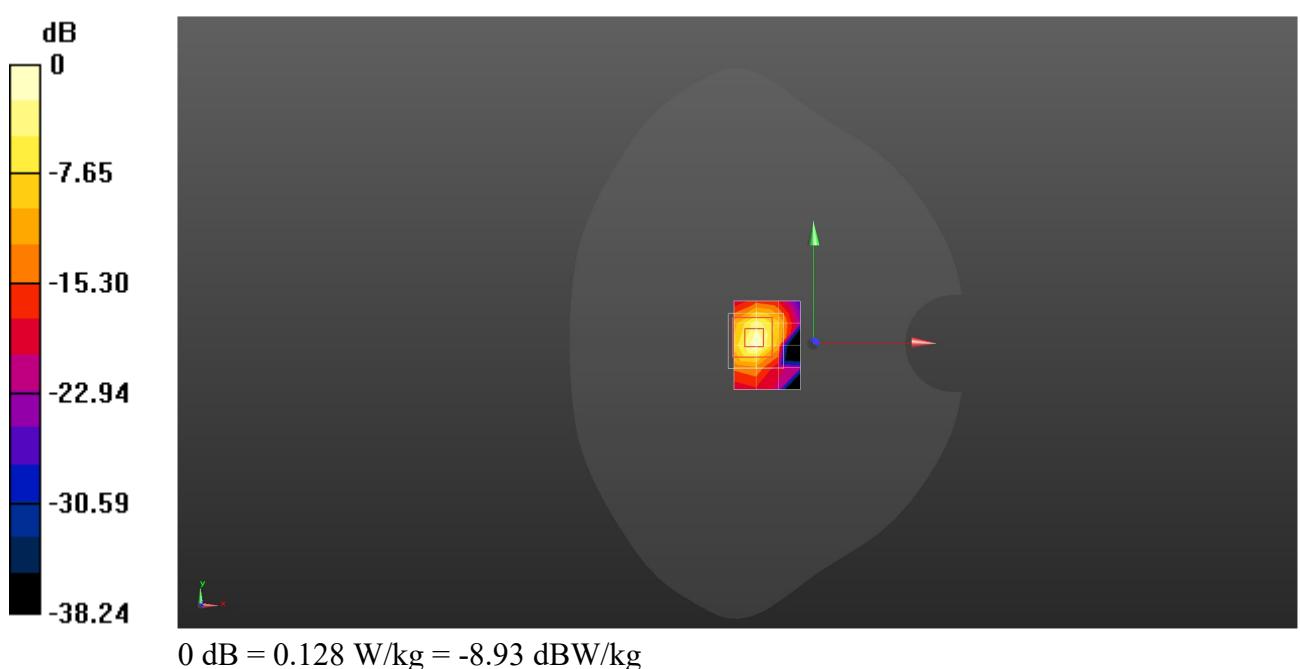
Peak SAR (extrapolated) = 0.315 W/kg

**SAR(1 g) = 0.056 W/kg; SAR(10 g) = 0.018 W/kg**

Smallest distance from peaks to all points 3 dB below = 5.8 mm

Ratio of SAR at M2 to SAR at M1 = 30.9%

Maximum value of SAR (measured) = 0.128 W/kg



Test Laboratory: SGS-SAR Lab

## AMIRON ZERO Bluetooth DH5 39CH Front side 0mm with Right earbud

**DUT: AMIRON ZERO;**

Communication System: UID 0, Bluetooth (0); Frequency: 2480 MHz; Duty Cycle: 1:1.728

Medium: HSL2450; Medium parameters used:  $f = 2480$  MHz;  $\sigma = 1.793$  S/m;  $\epsilon_r = 38.253$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3789; ConvF(6.98, 6.98, 6.98); Calibrated: 2025-01-15
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1663; Calibrated: 2025-04-27
- Phantom: SAM 3; Type: SAM Twin; Serial: 2031
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

**Configuration/Head/Area Scan (4x5x1):** Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (measured) = 0.319 W/kg

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

Reference Value = 6.474 V/m; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 0.721 W/kg

**SAR(1 g) = 0.124 W/kg; SAR(10 g) = 0.039 W/kg**

Smallest distance from peaks to all points 3 dB below = 5.8 mm

Ratio of SAR at M2 to SAR at M1 = 31%

Maximum value of SAR (measured) = 0.401 W/kg

