

# Appendix B

## Detailed Test Results

BT for Head



Test Laboratory: SGS-SAR Lab

## A3937 Left Bluetooth DH5 78CH Front side 0mm

**DUT: A3937; Type: Mobile Phone; Serial: 861994079993277**

Communication System: UID 0, Bluetooth (0); Frequency: 2480 MHz; Duty Cycle: 1:3.353

Medium: HSL2450; Medium parameters used:  $f = 2480$  MHz;  $\sigma = 1.821$  S/m;  $\epsilon_r = 39.955$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN7620; ConvF(7.32, 7.85, 7.73); Calibrated: 2024/7/29
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1267; Calibrated: 2025/1/20
- Phantom: SAM 1; Type: SAM; Serial: 1912
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

**Configuration/Head/Area Scan (7x6x1):** Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (measured) = 0.103 W/kg

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

Reference Value = 2.956 V/m; Power Drift = -0.04 dB

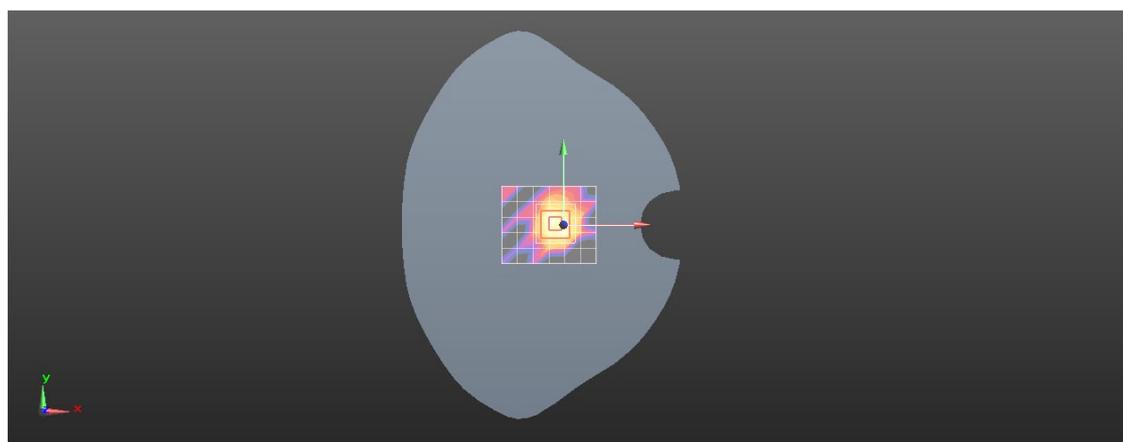
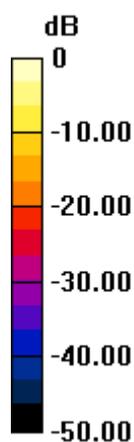
Peak SAR (extrapolated) = 0.237 W/kg

**SAR(1 g) = 0.077 W/kg; SAR(10 g) = 0.024 W/kg**

Smallest distance from peaks to all points 3 dB below = 5.5 mm

Ratio of SAR at M2 to SAR at M1 = 36.3%

Maximum value of SAR (measured) = 0.178 W/kg



0 dB = 0.103 W/kg = -9.89 dBW/kg

Test Laboratory: SGS-SAR Lab

## A3937 Right Bluetooth DH5 78CH Front side 0mm

**DUT: A3937; Type: Mobile Phone; Serial: 861994079993277**

Communication System: UID 0, Bluetooth (0); Frequency: 2480 MHz; Duty Cycle: 1:3.353

Medium: HSL2450; Medium parameters used:  $f = 2480$  MHz;  $\sigma = 1.821$  S/m;  $\epsilon_r = 39.955$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN7620; ConvF(7.32, 7.85, 7.73); Calibrated: 2024/7/29
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1267; Calibrated: 2025/1/20
- Phantom: SAM 1; Type: SAM; Serial: 1912
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

**Configuration/Head/Area Scan (7x6x1):** Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (measured) = 0.297 W/kg

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

Reference Value = 5.555 V/m; Power Drift = -0.05 dB

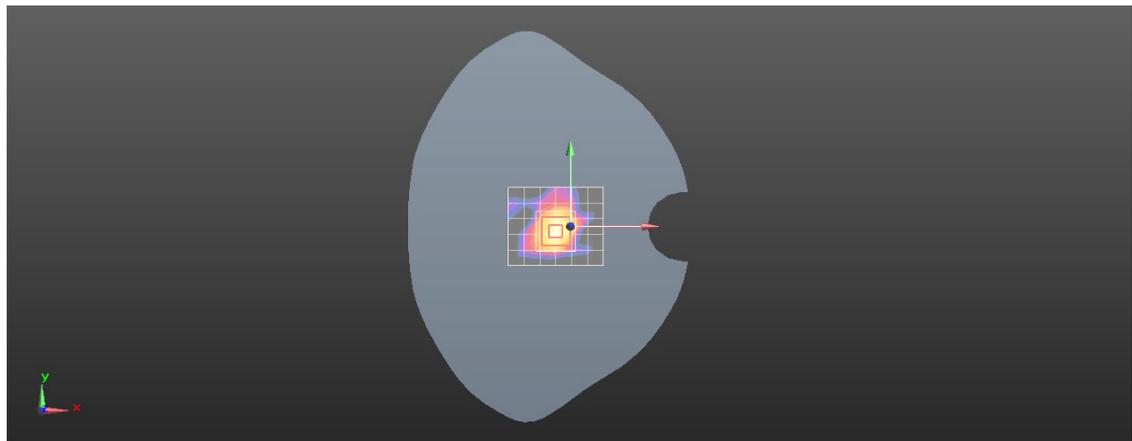
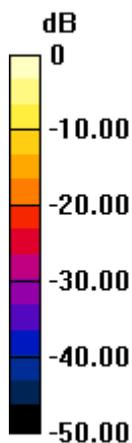
Peak SAR (extrapolated) = 0.396 W/kg

**SAR(1 g) = 0.125 W/kg; SAR(10 g) = 0.038 W/kg**

Smallest distance from peaks to all points 3 dB below = 5.5 mm

Ratio of SAR at M2 to SAR at M1 = 35.3%

Maximum value of SAR (measured) = 0.302 W/kg



0 dB = 0.297 W/kg = -5.28 dBW/kg