

# Appendix B

## Highest Test Plots

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# 1. BT Head-worn 0mm SAR

Date: 11.01.2024

Test Laboratory: Guangdong Dongdian Testing Service Co., Ltd.

**Q23121816-2E****DUT: Portable Bluetooth Speaker; Model Number: VIFA122; Serial: S23121816-01**

Communication System: UID 0, Bluetooth (0); Communication System Band: Bluetooth; Frequency: 2441 MHz; Communication System PAR: 0 dB; PMF: 1.12202e-005

Medium parameters used (interpolated):  $f = 2441$  MHz;  $\sigma = 1.812$  S/m;  $\epsilon_r = 39.681$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

Measurement Standard: DASYS5 (IEEE/IEC/ANSI C63.19-2011)

DASY Configuration:

- Probe: EX3DV4 - SN3906; ConvF(8, 8, 8); Calibrated: 21.04.2023;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- Electronics: DAE4 Sn1366; Calibrated: 10.04.2023
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1197
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

**Configuration/Top side 3DH5 2441/Area Scan (11x11x1):** Measurement grid:  $dx=10$ mm,  $dy=10$ mm

Info: Interpolated medium parameters used for SAR evaluation.

Maximum value of SAR (measured) = 0.0551 W/kg

**Configuration/Top side 3DH5 2441/Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=5$ mm,  $dy=5$ mm,  $dz=5$ mm

Reference Value = 5.545 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 0.0680 W/kg

**SAR(1 g) = 0.036 W/kg; SAR(10 g) = 0.019 W/kg**

Info: Interpolated medium parameters used for SAR evaluation.

Maximum value of SAR (measured) = 0.0550 W/kg

