
Appendix B. Highest Measurement Data

Test Laboratory: DEKRA

Date: 2026/01/02

2_RF 2.4GHz_2.4G Wireless-1M_CH37_Front_0mmANT Main_Right-Ear**DUT: Wireless Headphone; Type: O701**

Communication System: UID 0, RF 2.4GHz; Frequency: 2402 MHz

Communication System PAR: 0 dB

Medium parameters used: $f = 2402$ MHz; $\sigma = 1.76$ S/m; $\epsilon_r = 39.8$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY Configuration:

- Probe: EX3DV4 - SN3698; ConvF(6.64, 6.51, 6.41) @ 2402 MHz; Calibrated: 2025/11/27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1207; Calibrated: 2025/11/13
- Phantom: SAM with left table; Type: SAM;
- Measurement SW: DASY52, Version 52.10 (4);

Configuration/Flat/Area Scan (6x6x1): Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (measured) = 0.545 W/kg

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

Reference Value = 18.16 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 1.29 W/kg

SAR(1 g) = 0.444 W/kg; SAR(10 g) = 0.157 W/kg

Smallest distance from peaks to all points 3 dB below = 6.3 mm

Ratio of SAR at M2 to SAR at M1 = 36.5%

Maximum value of SAR (measured) = 0.898 W/kg

