
Appendix B. Highest Measurement Data

Test Laboratory: DEKRA

Date: 2025/07/22

5_Bluetooth_BT-1M_CH0_Front_0mm**DUT: Bluetooth Headset; Type: HSC230W**

Communication System: UID 0, BT 1M&3M&BLE; Frequency: 2402 MHz

Communication System PAR: 0 dB

Medium parameters used: $f = 2402$ MHz; $\sigma = 1.74$ S/m; $\epsilon_r = 40.42$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

DASY Configuration:

- Probe: EX3DV4 - SN7631; ConvF(7.94, 7.57, 7.27) @ 2402 MHz; Calibrated: 2025/02/26
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1651; Calibrated: 2025/02/12
- Phantom: ELI V8.0; Type: QD OVA 004 AA; Serial: 2139
- Measurement SW: DASY52, Version 52.10 (4);

Configuration/Flat/Area Scan (10x9x1): Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (measured) = 0.431 W/kg

Configuration/Flat/Zoom Scan (7x8x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 19.12 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 0.738 W/kg

SAR(1 g) = 0.336 W/kg; SAR(10 g) = 0.159 W/kg

Smallest distance from peaks to all points 3 dB below = 6.4 mm

Ratio of SAR at M2 to SAR at M1 = 45.9%

Maximum value of SAR (measured) = 0.559 W/kg

