
Appendix B. Highest Measurement Data

Test Laboratory: DEKRA

Date: 2026/06/29

7_RF 2.4GHz_2.4G Wireless-2M_CH38_Left-side_5mm_ANT Main

Communication System: UID 0, RF 2.4G; Frequency: 2478 MHz

Communication System PAR: 0 dB

Medium parameters used: $f = 2478$ MHz; $\sigma = 1.78$ S/m; $\epsilon_r = 39.83$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

DASY Configuration:

- Probe: EX3DV4 - SN7631; ConvF(8.01, 7.42, 7.22) @ 2478 MHz; Calibrated: 2026/02/20
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1651; Calibrated: 2026/02/16
- Phantom: ELI V8.0; Type: QD OVA 004 AA; Serial: 2139
- Measurement SW: DASY52, Version 52.10 (4);

Configuration/Flat/Area Scan (7x8x1): Measurement grid: dx=12mm, dy=12mm
Maximum value of SAR (measured) = 0.0725 W/kg

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

Reference Value = 6.928 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 0.0890 W/kg

SAR(1 g) = 0.049 W/kg; SAR(10 g) = 0.025 W/kg

Smallest distance from peaks to all points 3 dB below: Larger than measurement grid (> 15 mm)

Ratio of SAR at M2 to SAR at M1 = 56.1%

Maximum value of SAR (measured) = 0.0747 W/kg

