
Appendix B. Highest Measurement Data

Test Laboratory: DEKRA

Date: 2025/10/08

6_RF 2.4GHz-2M_CH0_Front_5mm_ANT Main**DUT: Dongle; Type: GX501-D**

Communication System: UID 0, RF 2.4G; Frequency: 2404 MHz

Communication System PAR: 0 dB

Medium parameters used: $f = 2404$ MHz; $\sigma = 1.71$ S/m; $\epsilon_r = 40.13$; $\rho = 1000$ 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) @ 2404 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 (6x9x1): Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (measured) = 0.142 W/kg

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

Reference Value = 9.905 V/m; Power Drift = -0.14 dB

Peak SAR (extrapolated) = 0.183 W/kg

SAR(1 g) = 0.093 W/kg; SAR(10 g) = 0.040 W/kg

Smallest distance from peaks to all points 3 dB below = 9 mm

Ratio of SAR at M2 to SAR at M1 = 54.9%

Maximum value of SAR (measured) = 0.151 W/kg

