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## Appendix B. Highest Measurement Data

Test Laboratory: DEKRA

Date: 2025/12/17

**3\_RF 2.4GHz\_2.4G Wireless-1M\_CH39\_Tip\_5mm\_ANT Main****DUT: Dongle; Type: O701DG**

Communication System: UID 0, RF 2.4GHz; Frequency: 2480 MHz

Communication System PAR: 0 dB

Medium parameters used:  $f = 2480$  MHz;  $\sigma = 1.82$  S/m;  $\epsilon_r = 40.16$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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) @ 2480 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 (7x6x1):** Measurement grid:  $dx=12$ mm,  $dy=12$ mm

Maximum value of SAR (measured) = 0.175 W/kg

**Configuration/Flat/Zoom Scan (8x8x7)/Cube 0:** Measurement grid:  $dx=5$ mm,  $dy=5$ mm,  $dz=5$ mm

Reference Value = 12.50 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 0.331 W/kg

**SAR(1 g) = 0.140 W/kg; SAR(10 g) = 0.055 W/kg**

Smallest distance from peaks to all points 3 dB below = 7.3 mm

Ratio of SAR at M2 to SAR at M1 = 44.1%

Maximum value of SAR (measured) = 0.261 W/kg

