
Appendix B. Highest Measurement Data

Test Laboratory: DEKRA

Date: 2025/05/14

4_Bluetooth_BLE-2M_CH39_Front_0mm_ANT Main

DUT: Camera; Type: FI044

Communication System: UID 0, BT 1M&3M&BLE; Frequency: 2480 MHz

Communication System PAR: 0 dB

Medium parameters used: $f = 2480 \text{ MHz}$; $\sigma = 1.85 \text{ S/m}$; $\epsilon_r = 39.04$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

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

DASY Configuration:

- Probe: EX3DV4 - SN3979; ConvF(6.39, 8.11, 6.76) @ 2480 MHz; Calibrated: 2024/11/20
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1425; Calibrated: 2024/11/18
- Phantom: SAM with left table; Type: SAM;
- Measurement SW: DASY52, Version 52.10 (4);

Configuration/Flat/Area Scan (9x9x1): Measurement grid: $dx=12\text{mm}$, $dy=12\text{mm}$

Maximum value of SAR (measured) = 0.0292 W/kg

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

Reference Value = 4.700 V/m; Power Drift = 0.10 dB

Peak SAR (extrapolated) = 0.0460 W/kg

SAR(1 g) = 0.022 W/kg; SAR(10 g) = 0.012 W/kgSmallest distance from peaks to all points 3 dB below: Larger than measurement grid ($> 15 \text{ mm}$)

Ratio of SAR at M2 to SAR at M1 = 49%

Maximum value of SAR (measured) = 0.0366 W/kg

