
Appendix B. Highest Measurement Data

Test Laboratory: DEKRA

Date: 2024-07-22

2_RF 2.4GHz_2.4G Wireless-3M_CH39_Back_5mm_ANT Main

Communication System: UID 10038-CAA, Bluetooth; Frequency: 2441.000 MHz
Medium parameters used: $f = 2441.000$ MHz; Conductivity = 1.76 S/m; Permittivity = 39.9
Phantom section: Flat

DASY Configuration:

- Probe: EX3DV4 - SN7784; ConvF(6.73, 6.93, 6.69); Calibrated: 2024-04-22
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1791; Calibrated: 2024-04-22
- Phantom: Twin-SAM V8.0 (30deg probe tilt)
- Measurement SW: V16.4.0.5005

Area Scan (60.0 mm x 80.0 mm): Measurement grid: 10.0 mm x 10.0 mm
SAR (1 g) = 0.095 W/kg; SAR (10 g) = 0.049 W/kg

Zoom Scan (30.0 mm x 30.0 mm x 30.0 mm): Measurement grid: 5.0 mm x 5.0 mm x 1.5 mm
Power Drift = 0.14 dB
SAR(1 g) = 0.097 W/kg; SAR(10 g) = 0.051 W/kg
Smallest distance from peaks to all points 3 dB below = 10.5
Ratio of SAR at M2 to SAR at M1 = 80.8

