Appendix B. Highest Measurement Data

Test Laboratory: DEKRA Date: 2024/04/19

9_RF 2.4GHz_2.4G Wireless_CH39_Back_5mm_ANT Main

DUT: Dongle; Type: A701

Communication System: UID 0, RF 2.4GHz; Frequency: 2480 MHz
Communication System PAR: 0 dB
Medium parameters used: f = 2480 MHz; σ = 1.82 S/m; ε_r = 39.13; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY Configuration:

- Probe: EX3DV4 - SN3698; ConvF(7.15, 7.15, 7.15) @ 2480 MHz; Calibrated: 2023/11/21
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1207; Calibrated: 2023/11/22
- Phantom: ELI 5.0; Type: QDOVA002AA; Serial: 1199
- Measurement SW: DASY52, Version 52.10 (4);

Configuration/Flat/Area Scan (7x9x1): Measurement grid: dx=12mm, dy=12mm
Maximum value of SAR (measured) = 0.173 W/kg

Configuration/Flat/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 6.517 V/m; Power Drift = -0.08 dB
Peak SAR (extrapolated) = 0.223 W/kg
SAR(1 g) = 0.119 W/kg; SAR(10 g) = 0.058 W/kg
Smallest distance from peaks to all points 3 dB below = 9.2 mm
Ratio of SAR at M2 to SAR at M1 = 54.9%
Maximum value of SAR (measured) = 0.185 W/kg