## Appendix B. Highest Measurement Data

Test Laboratory: DEKRA Date: 2024/05/10

**1_Bluetooth_BT-1M_CH39_Back_0mm_ANT Big_Edge**

**DUT: PACKTALK EDGE; Type: PACKTALK EDGE**

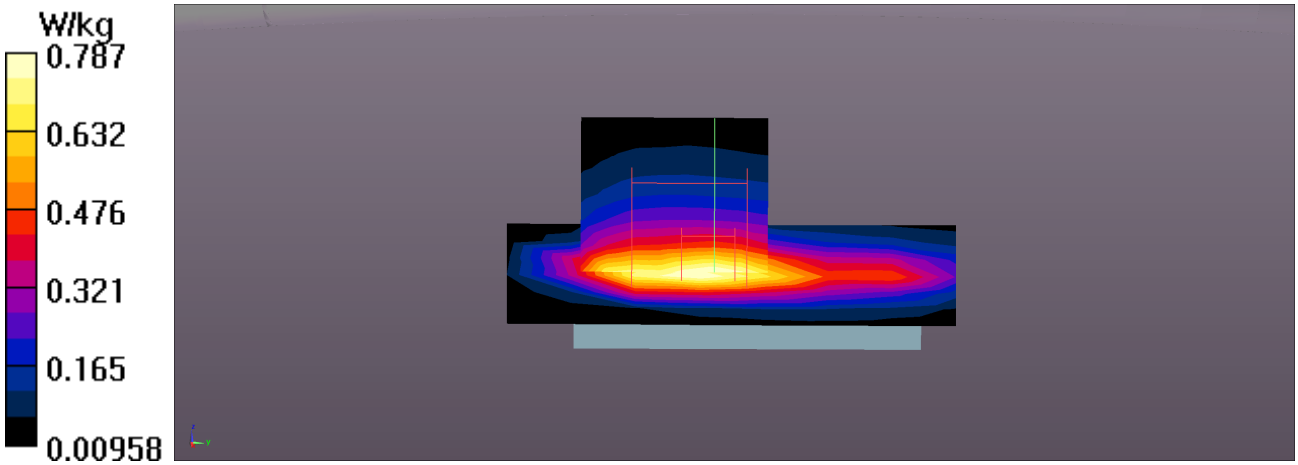
Communication System: UID 0, BT 1M&3M&BLE; Frequency: 2441 MHz
Communication System PAR: 0 dB
Medium parameters used: f = 2441 MHz; $\sigma$ = 1.77 S/m; $\varepsilon_r$ = 40.42; $\rho$ = 1000 kg/m$^3$
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY Configuration:

- Probe: EX3DV4 - SN3698; ConvF(7.15, 7.15, 7.15) @ 2441 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 (7x8x1):** Measurement grid: dx=12mm, dy=12mm
Maximum value of SAR (measured) = 0.787 W/kg

**Configuration/Flat/Zoom Scan (7x8x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 20.96 V/m; Power Drift = 0.09 dB
Peak SAR (extrapolated) = 0.956 W/kg
**SAR(1 g) = 0.550 W/kg; SAR(10 g) = 0.316 W/kg**
Smallest distance from peaks to all points 3 dB below = 15 mm
Ratio of SAR at M2 to SAR at M1 = 57.2%
Maximum value of SAR (measured) = 0.814 W/kg



Test Laboratory: DEKRA Date: 2024/05/10

**13_Zigbee_RF 2.4GHz_CH1_Back_0mm_ANT Big_Edge**

**DUT: PACKTALK EDGE; Type: PACKTALK EDGE**

Communication System: UID 0, RF 2.4GHz; Frequency: 2405 MHz
Communication System PAR: 0 dB
Medium parameters used: f = 2405 MHz; $\sigma$ = 1.72 S/m; $\varepsilon_r$ = 40.55; $\rho$ = 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) @ 2405 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 (7x8x1):** Measurement grid: dx=12mm, dy=12mm
Maximum value of SAR (measured) = 0.591 W/kg

**Configuration/Flat/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 3.783 V/m; Power Drift = -0.02 dB
Peak SAR (extrapolated) = 0.716 W/kg
**SAR(1 g) = 0.403 W/kg; SAR(10 g) = 0.221 W/kg**
Smallest distance from peaks to all points 3 dB below = 13.9 mm
Ratio of SAR at M2 to SAR at M1 = 55.9%
Maximum value of SAR (measured) = 0.604 W/kg