Appendix B

Highest Test Plots

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1. BT Body-worn 0mm SAR

Date: 12.06.2024

Test Laboratory: Guangdong Dongdian Testing Service Co., Ltd.

Q24041803-2E

DUT: Bluetooth speaker; Model Number:ONYX STUDIO 9; Serial: S24041803-005

Communication System: UID 0, Bluetooth (0); Communication System Band: BLE; Frequency: 2478 MHz;Communication System PAR: 0 dB; PMF: 1.12202e-005
Medium parameters used (interpolated): f = 2478 MHz; σ = 1.842 S/m; ε_r = 39.234; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY Configuration:

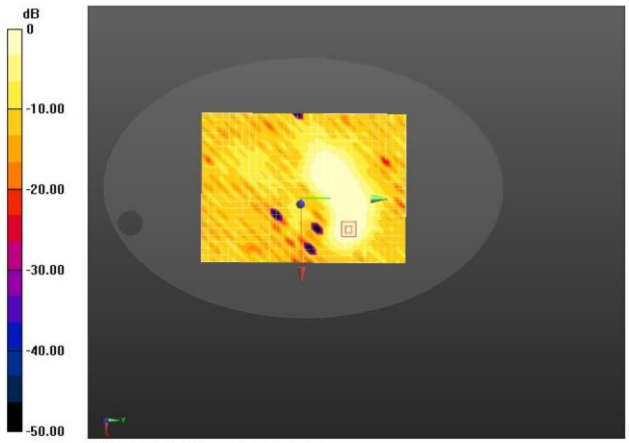
- Probe: EX3DV4 - SN3906; ConvF(7.95, 7.95, 7.95); Calibrated: 29.04.2024;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn1366; Calibrated: 29.04.2024
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1197
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/Back side BLE 2M 2478/Area Scan (23x31x1): Measurement grid: dx=10mm, dy=10mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.0204 W/kg

Configuration/Back side BLE 2M 2478/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 0.7560 V/m; Power Drift = 0.14 dB
Peak SAR (extrapolated) = 0.0220 W/kg
SAR(1 g) = 0.012 W/kg; SAR(10 g) = 0.0065 W/kg

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.0183 W/kg



0 dB = 0.0183 W/kg = -17.38 dBW/kg