

Appendix B

Detailed Test Results

BT for Head

Test Laboratory: SGS-SAR Lab

Left Bluetooth DH5 0CH Front side 0mm

DUT: Bang; Type: TWS wireless Bluetooth earbuds; Serial: T3030013L220002

Communication System: Bluetooth; Frequency: 2402 MHz; Duty Cycle: 1:1

Medium: HSL2450; Medium parameters used: $f = 2402$ MHz; $\sigma = 1.762$ S/m; $\epsilon_r = 40.044$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3836; ConvF(7.3, 7.3, 7.3); Calibrated: 2023/8/7;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn760; Calibrated: 2023/6/26
- Phantom: SAM5; Type: SAM Twin; Serial: 1673
- DASY52 52.8.4(1052); SEMCAD X 14.6.8(7028)

Configuration/Body/Area Scan (7x6x1): Measurement grid: $dx=12$ mm, $dy=12$ mm

Maximum value of SAR (measured) = 1.48 W/kg

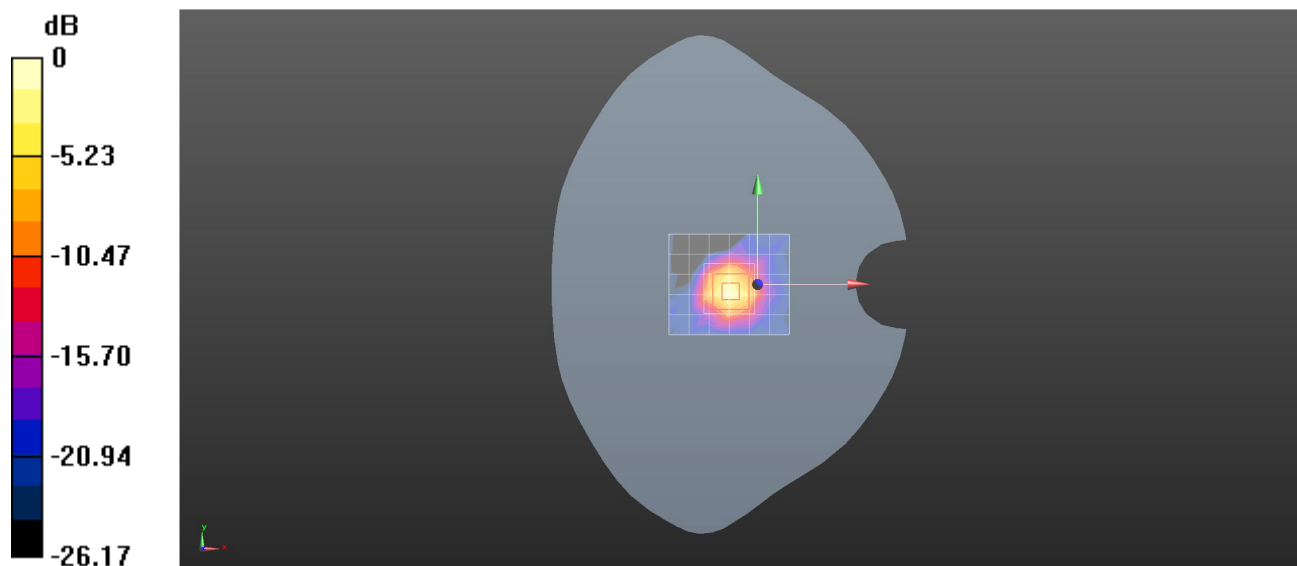
Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 22.972 V/m; Power Drift = -0.13 dB

Peak SAR (extrapolated) = 2.31 W/kg

SAR(1 g) = 0.894 W/kg; SAR(10 g) = 0.337 W/kg

Maximum value of SAR (measured) = 1.71 W/kg



0 dB = 1.71 W/kg = 2.33 dBW/kg