

Appendix B

Detailed Test Results

BT for Head

Test Laboratory: SGS-SAR Lab

Pi8 Right earbud Bluetooth DH5 0CH Left side 0mm Ant1

DUT: Pi8; Type: In-ear True Wireless Earbuds

Communication System: UID 0, Bluetooth (0); Frequency: 2402 MHz; Duty Cycle: 1:1

Medium: HSL2450; Medium parameters used: $f = 2402$ MHz; $\sigma = 1.715$ S/m; $\epsilon_r = 40.819$; $\rho = 1000$ 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 Sn1267; Calibrated: 2024/1/3
- Phantom: SAM5; Type: SAM Twin; Serial: 1673
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Configuration/Head/Area Scan (6x6x1): Measurement grid: $dx=12$ mm, $dy=12$ mm

Maximum value of SAR (measured) = 0.598 W/kg

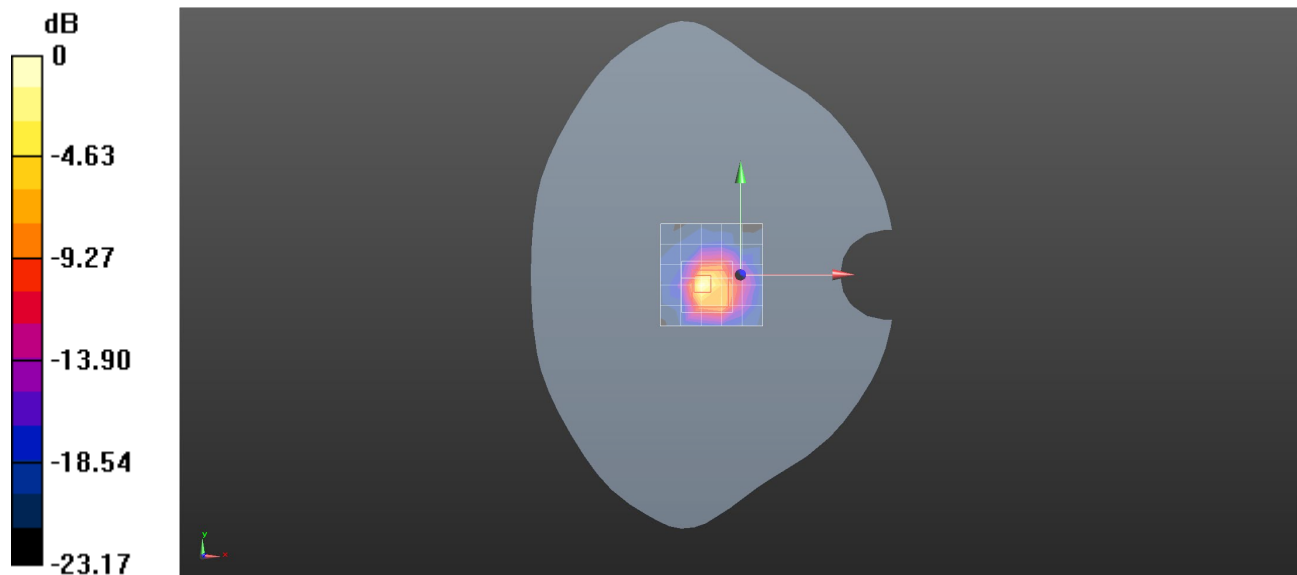
Configuration/Head/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 11.47 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 1.20 W/kg

SAR(1 g) = 0.204 W/kg; SAR(10 g) = 0.078 W/kg

Maximum value of SAR (measured) = 0.676 W/kg



0 dB = 0.676 W/kg = -1.70 dBW/kg

Test Laboratory: SGS-SAR Lab

Pi8 Left earbud Bluetooth DH5 0CH Right side 0mm Ant1

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Medium: HSL2450; Medium parameters used: $f = 2402$ MHz; $\sigma = 1.715$ S/m; $\epsilon_r = 40.819$; $\rho = 1000$ 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 Sn1267; Calibrated: 2024/1/3
- Phantom: SAM5; Type: SAM Twin; Serial: 1673
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Configuration/Head/Area Scan (6x6x1): Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (measured) = 0.572 W/kg

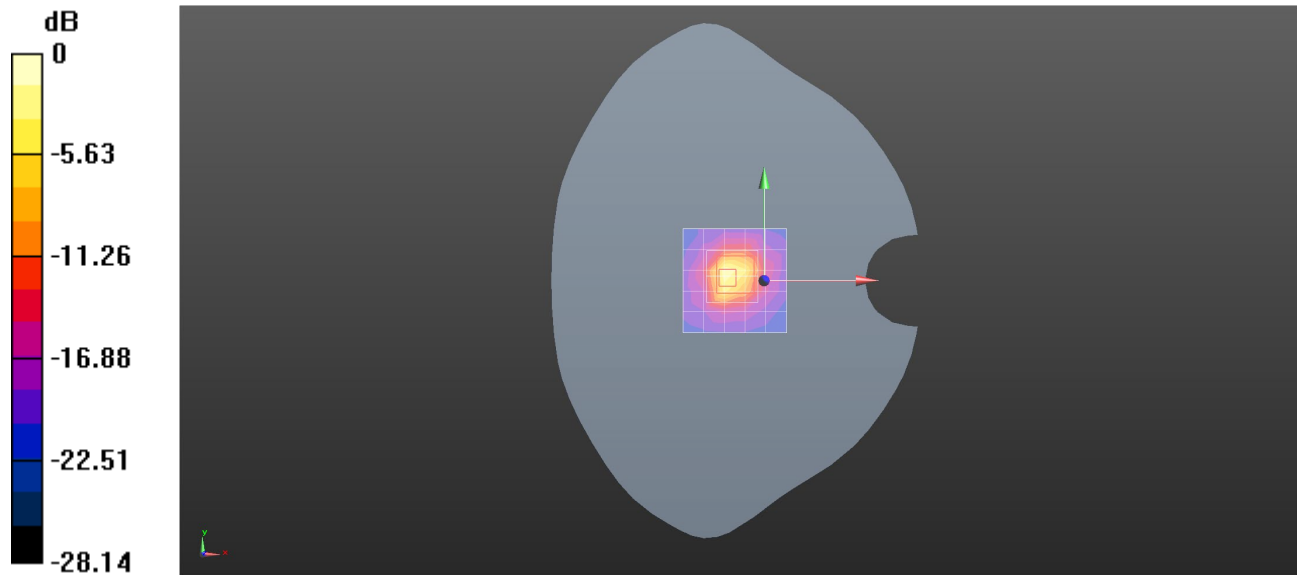
Configuration/Head/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 10.37 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 1.59 W/kg

SAR(1 g) = 0.275 W/kg; SAR(10 g) = 0.088 W/kg

Maximum value of SAR (measured) = 0.923 W/kg



0 dB = 0.923 W/kg = -0.35 dBW/kg