

Appendix B

Detailed Test Results

BT for Head

Test Laboratory: SGS-SAR Lab

Bluetooth DH5 39CH Left Bottom side 0mm

Type: Wireless Earphones;

Communication System: UID 0, Bluetooth (0); Frequency: 2441 MHz; Duty Cycle: 1:1

Medium: HSL2450; Medium parameters used: $f = 2441$ MHz; $\sigma = 1.794$ S/m; $\epsilon_r = 39.873$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3789; ConvF(6.95, 6.95, 6.95); Calibrated: 2023/11/23
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1663; Calibrated: 2024/4/16
- Phantom: SAM 6; Type: SAM Twin; Serial: 1913
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Configuration/Body/Area Scan (8x8x1): Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (measured) = 0.0208 W/kg

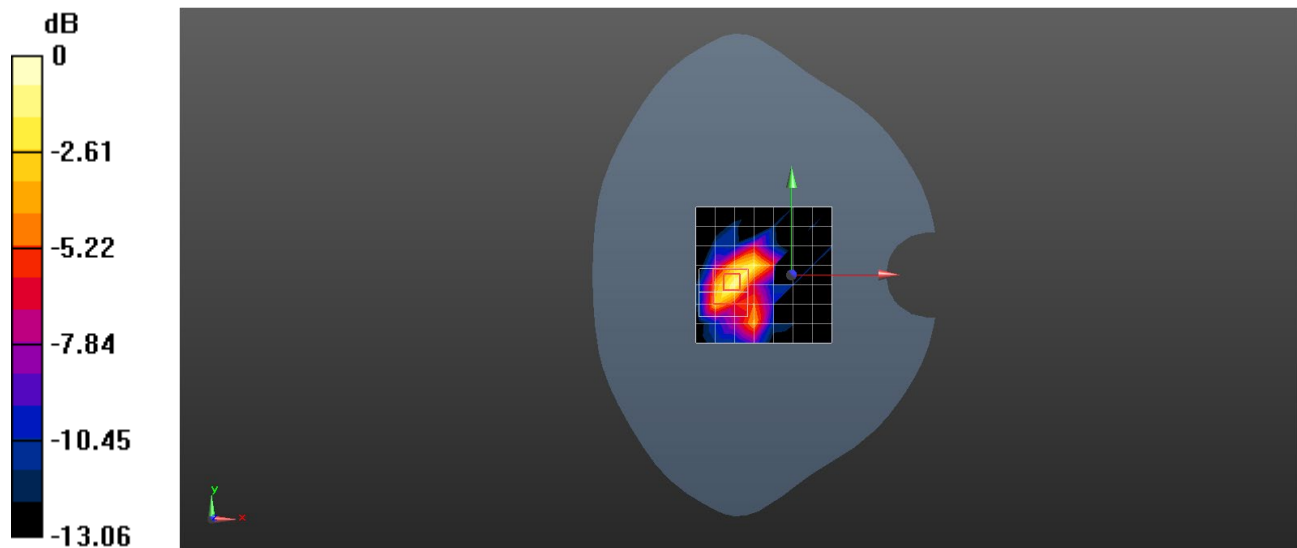
Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 1.799 V/m; Power Drift = 0.09 dB

Peak SAR (extrapolated) = 0.0370 W/kg

SAR(1 g) = 0.014 W/kg; SAR(10 g) = 0.00819 W/kg

Maximum value of SAR (measured) = 0.0261 W/kg



0 dB = 0.0261 W/kg = -15.83 dBW/kg

Test Laboratory: SGS-SAR Lab

Bluetooth DH5 0CH Right Front side 0mm

Type: Wireless Earphones;

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

Medium: HSL2450; Medium parameters used: $f = 2402$ MHz; $\sigma = 1.751$ S/m; $\epsilon_r = 40.113$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3789; ConvF(6.95, 6.95, 6.95); Calibrated: 2023/11/23
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1663; Calibrated: 2024/4/16
- Phantom: SAM 6; Type: SAM Twin; Serial: 1913
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Configuration/Body/Area Scan (8x8x1): Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (measured) = 0.0282 W/kg

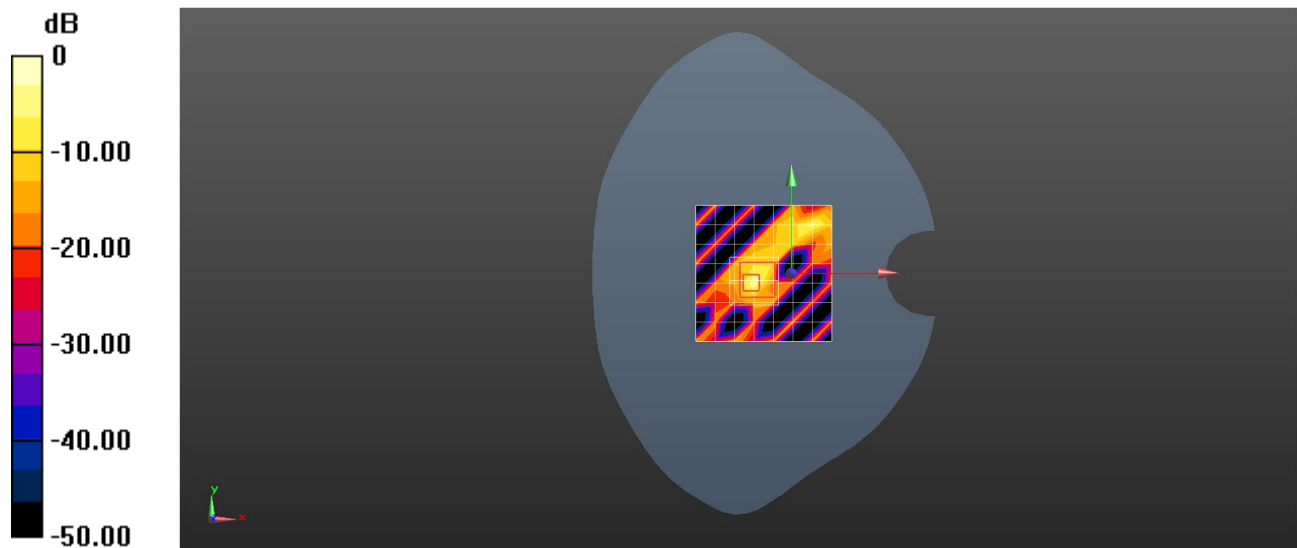
Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 2.614 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.222 W/kg

SAR(1 g) = 0.019 W/kg; SAR(10 g) = 0.00581 W/kg

Maximum value of SAR (measured) = 0.0651 W/kg



0 dB = 0.0651 W/kg = -11.86 dBW/kg