



Appendix B

Detailed Test Results

1. BT
BT

Test Laboratory: SGS-SAR Lab

AIH-2541 Bluetooth DH5 Ch39 Side2 0mm

DUT: AIH-2541; Type: Headphones; Serial: G0C0B0T10PL002DD

Communication System: UID 0, Bluetooth (0); Frequency: 2441 MHz; Duty Cycle: 1:2.483

Medium: HSL2450; Medium parameters used: $f = 2441$ MHz; $\sigma = 1.782$ S/m; $\epsilon_r = 39.109$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN7767; ConvF(8.03, 8.03, 8.03); Calibrated: 2024/12/31
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 2025/09/08
- Phantom: SAM 8; Type: SAM; Serial: 1824
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Configuration/Body/Area Scan (9x9x1): Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (measured) = 1.33 W/kg

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

Reference Value = 12.69 V/m; Power Drift = 0.06 dB

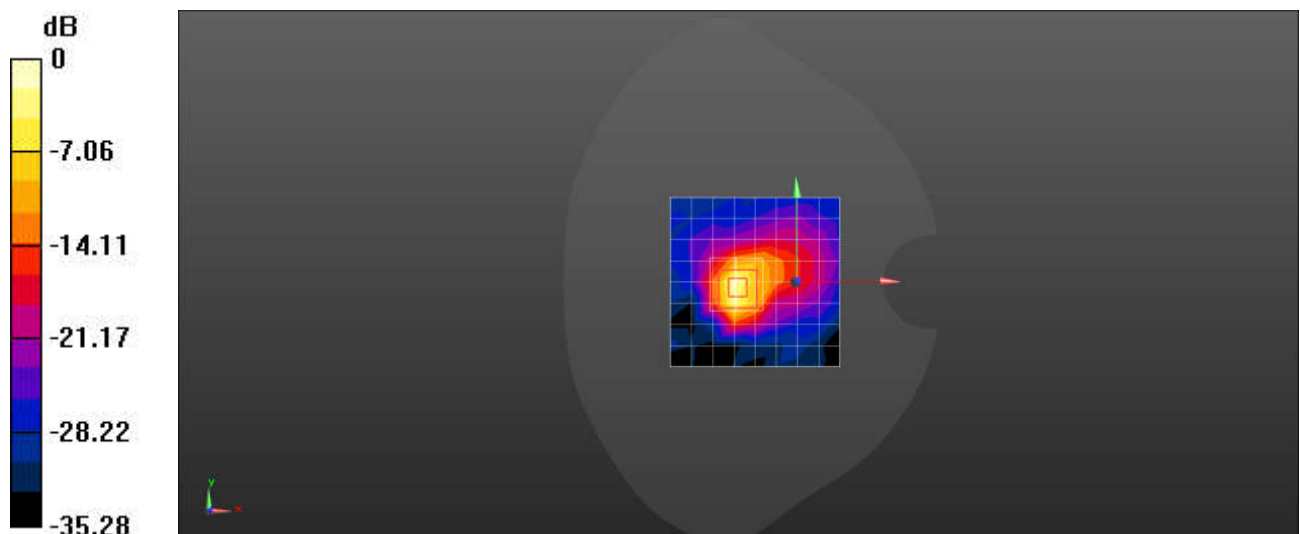
Peak SAR (extrapolated) = 2.59 W/kg

SAR(1 g) = 0.608 W/kg; SAR(10 g) = 0.215 W/kg

Smallest distance from peaks to all points 3 dB below = 6.1 mm

Ratio of SAR at M2 to SAR at M1 = 33%

Maximum value of SAR (measured) = 1.77 W/kg



0 dB = 1.77 W/kg = 2.48 dBW/kg



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