

Appendix B

Detailed Test Results

1. BT
BT



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Test Laboratory: SGS-SAR Lab

S6HHWT BLE 39CH Touch cheek 0mm

DUT: S6HHWT; Type: normal headphone;

Communication System: UID 0, BLE (0); Frequency: 2480 MHz; Duty Cycle: 1:1.598

Medium: HSL2450; Medium parameters used: $f = 2480$ MHz; $\sigma = 1.8$ S/m; $\epsilon_r = 38.304$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3836; ConvF(7.35, 7.35, 7.35); Calibrated: 2024/9/19
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn896; Calibrated: 2025/3/27
- Phantom: SAM5; Type: SAM Twin; Serial: 1673
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Configuration/Body/Area Scan (10x11x1): Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (measured) = 0.0462 W/kg

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

Reference Value = 1.473 V/m; Power Drift = 0.01 dB

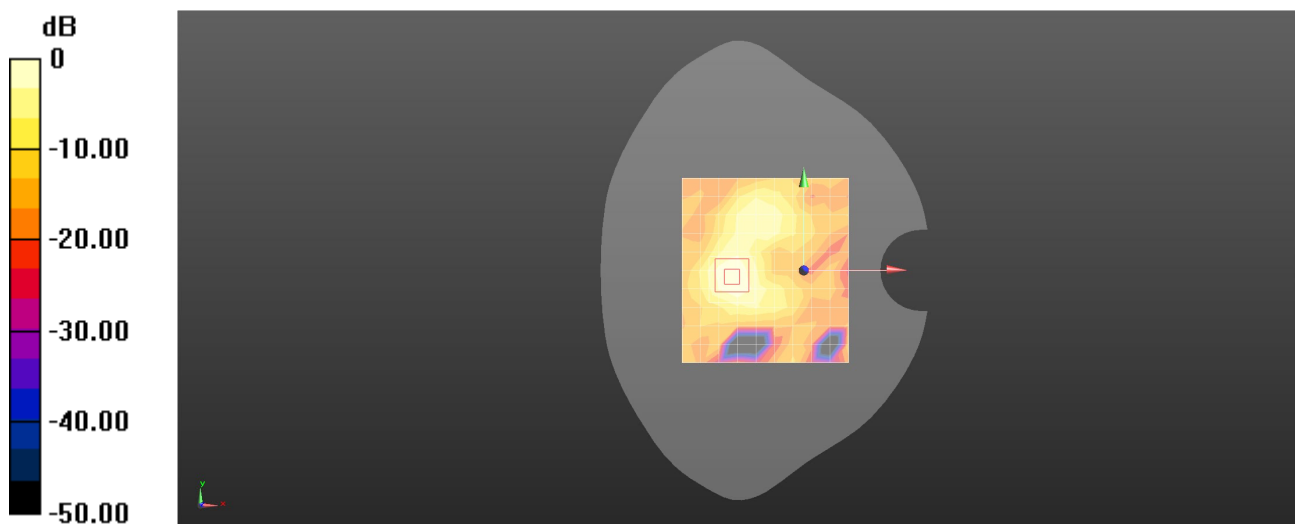
Peak SAR (extrapolated) = 0.0570 W/kg

SAR(1 g) = 0.028 W/kg; SAR(10 g) = 0.012 W/kg

Smallest distance from peaks to all points 3 dB below = 6.6 mm

Ratio of SAR at M2 to SAR at M1 = 44.7%

Maximum value of SAR (measured) = 0.0479 W/kg



0 dB = 0.0462 W/kg = -13.35 dBW/kg