

Appendix B - SAR Measurement

Test Laboratory: TUV Inc.

Date: 2025/2/26

07_Bluetooth_1Mbps_Bottom Face_0mm_Ch0_L

DUT: SoraClip

Communication System: Bluetooth; Frequency: 2402 MHz; Duty Cycle: 1:1.085

Medium: HSL2450_250226 Medium parameters used: $f = 2402$ MHz; $\sigma = 1.765$ S/m; $\epsilon_r = 39.864$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C; Liquid Temperature : 22.3 °C

DASY Configuration:

- Electronics: DAE4 Sn855; Calibrated: 2024/4/22
- Probe: EX3DV4 - SN7400; ConvF(7.67, 7.67, 7.67) @ 2402 MHz; Calibrated: 2024/4/25
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = -19.0, 31.0$
- Phantom: Twin-SAM V5.0 (20deg probe tilt); Type: QD 000 P40 CD; Serial: S/N: 1806
- DASY52 52.10.4(1535); SEMCAD X 14.6.14(7501)

Area Scan (6x9x1): Measurement grid: $dx=12$ mm, $dy=12$ mm

Maximum value of SAR (measured) = 0.0950 W/kg

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

Reference Value = 7.618 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 0.131 W/kg

SAR(1 g) = 0.048 W/kg; SAR(10 g) = 0.018 W/kg

Maximum value of SAR (measured) = 0.0900 W/kg

