

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab

Date: 2025/2/14

#01_Bluetooth LE_1Mbps_Back_0mm_Ch0

Communication System: UID 10670 - AAA, Bluetooth Low Energy; Frequency: 2402 MHz

Medium: HSL_2450_250214 Medium parameters used: $f = 2402$ MHz; $\sigma = 1.715$ S/m; $\epsilon_r = 38.233$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C ; Liquid Temperature : 22.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7439; ConvF(6.94, 7.28, 6.88) @ 2402 MHz; Calibrated: 2024/8/21
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn661; Calibrated: 2024/5/16
- Phantom: ELI V4.0 (20deg probe tilt); Type: QD OVA 001 Bx; Serial: 1079
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7501)

Area Scan 2 (71x101x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 1.02 W/kg

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

Reference Value = 22.81 V/m; Power Drift = 0.04 dB

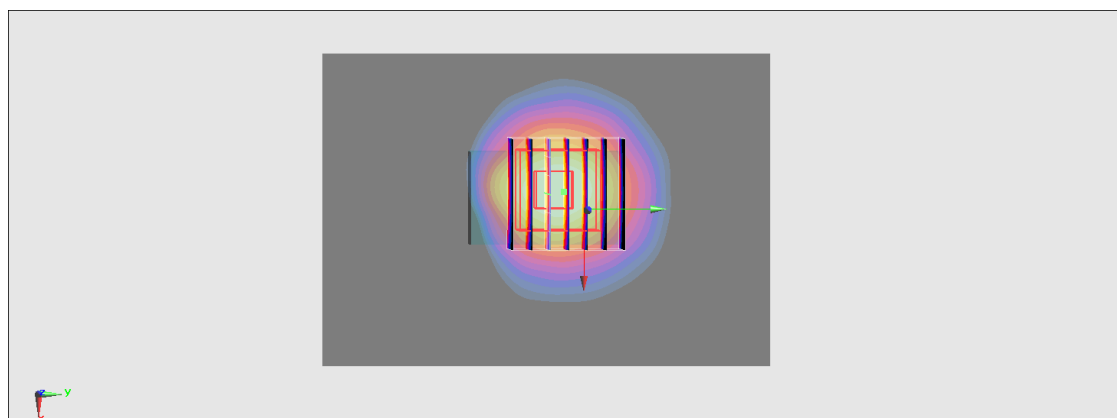
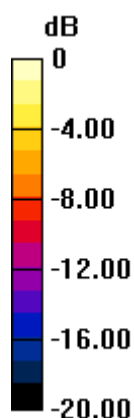
Peak SAR (extrapolated) = 0.967 W/kg

SAR(1 g) = 0.575 W/kg; SAR(10 g) = 0.253 W/kg

Smallest distance from peaks to all points 3 dB below = 9.2 mm

Ratio of SAR at M2 to SAR at M1 = 63.1%

Maximum value of SAR (measured) = 0.854 W/kg



0 dB = 0.854 W/kg = -0.69 dBW/kg