Appendix B
Detailed Test Results

1. Bluetooth
Bluetooth for limbs 0mm

Date: 2025/01/06

Test Laboratory: SGS-SAR Lab

A2435 Bluetooth DH5 39CH Back side 0mm

DUT: A2435; Type: Smart Watch;

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

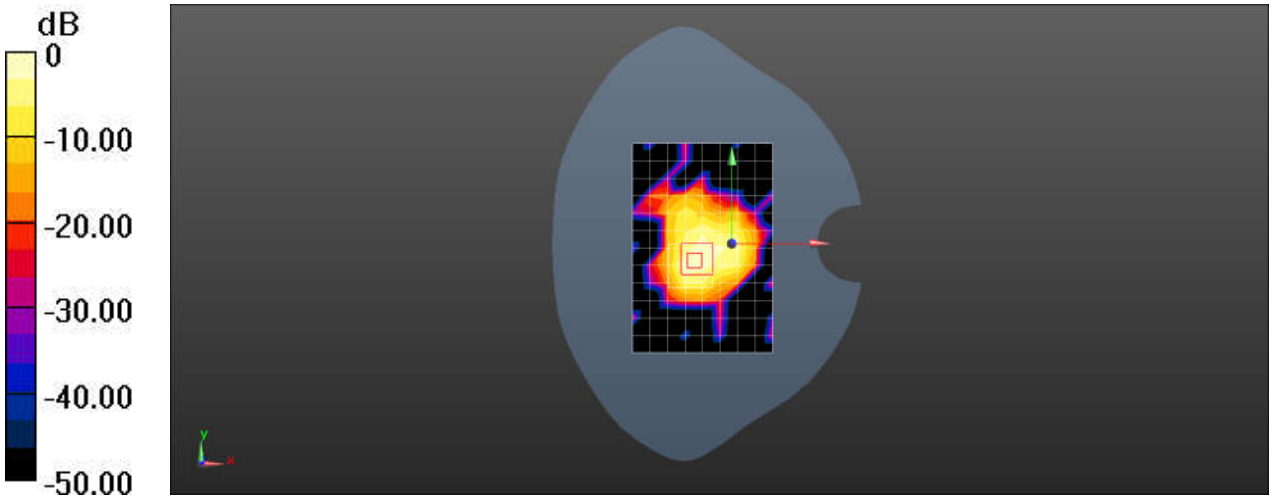
Medium: HSL2450;Medium parameters used: f = 2441 MHz; σ = 1.813 S/m; ε_r = 39.931; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3801; ConvF(7.41, 7.41, 7.41); Calibrated: 2024/06/20
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 2024/06/05
- Phantom: SAM 7; Type: SAM; Serial: 1702
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Configuration/Body/Area Scan (9x13x1): Measurement grid: dx=12mm, dy=12mm
Maximum value of SAR (measured) = 0.102 W/kg

Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 6.251 V/m; Power Drift = -0.04 dB
Peak SAR (extrapolated) = 0.194 W/kg
SAR(1 g) = 0.095 W/kg; SAR(10 g) = 0.047 W/kg
Maximum value of SAR (measured) = 0.126 W/kg



0 dB = 0.102 W/kg = -9.93 dBW/kg