

Appendix B

Detailed Test Results

WIFI 2.4G for Body
BT(BLE) for Body

Test Laboratory: SGS-SAR Lab

Bluetooth BLE 1M 39CH Back side 0mm

DUT: Baby Activity Tracking Wearable Device; Type: Peally3.8

Communication System: Bluetooth; Frequency: 2480 MHz; Duty Cycle: 1:1.492

Medium: HSL2450; Medium parameters used: $f = 2480$ MHz; $\sigma = 1.745$ S/m; $\epsilon_r = 39.291$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3836; ConvF(7.3, 7.3, 7.3); Calibrated: 2023/8/7;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn760; Calibrated: 2023/6/26
- Phantom: SAM5; Type: SAM Twin; Serial: 1673
- DASY52 52.8.4(1052); SEMCAD X 14.6.8(7028)

Configuration/Body/Area Scan (7x7x1): Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (measured) = 0.101 W/kg

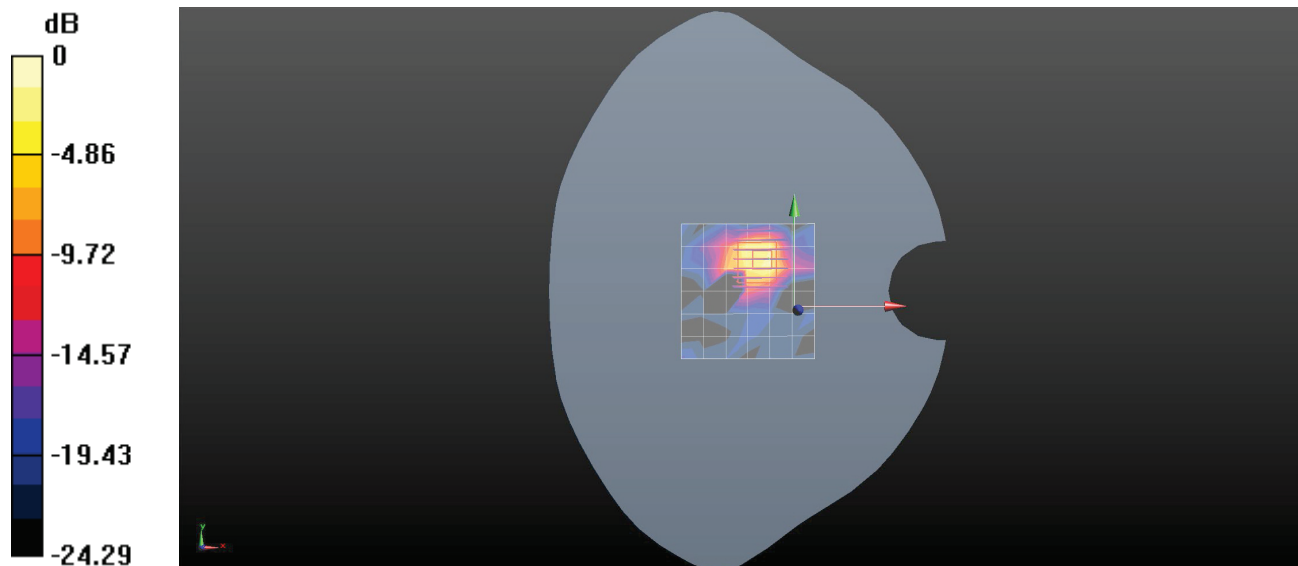
Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 2.908 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 0.278 W/kg

SAR(1 g) = 0.077 W/kg; SAR(10 g) = 0.030 W/kg

Maximum value of SAR (measured) = 0.174 W/kg



0 dB = 0.174 W/kg = -7.59 dBW/kg

Test Laboratory: SGS-SAR Lab

WIFI 2.4g 802.11b 1CH Back side 0mm

DUT: Baby Activity Tracking Wearable Device; Type: Peally3.8

Communication System: WI-FI(2.4GHz); Frequency: 2412 MHz; Duty Cycle: 1:1

Medium: HSL2450; Medium parameters used: $f = 2412$ MHz; $\sigma = 1.714$ S/m; $\epsilon_r = 39.422$; $\rho = 1000$ kg/m³ Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3836; ConvF(7.3, 7.3, 7.3); Calibrated: 2023/8/7;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn760; Calibrated: 2023/6/26
- Phantom: SAM5; Type: SAM Twin; Serial: 1673
- DASY52 52.8.4(1052); SEMCAD X 14.6.8(7028)

Configuration/Body/Area Scan (7x7x1): Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (measured) = 0.611 W/kg

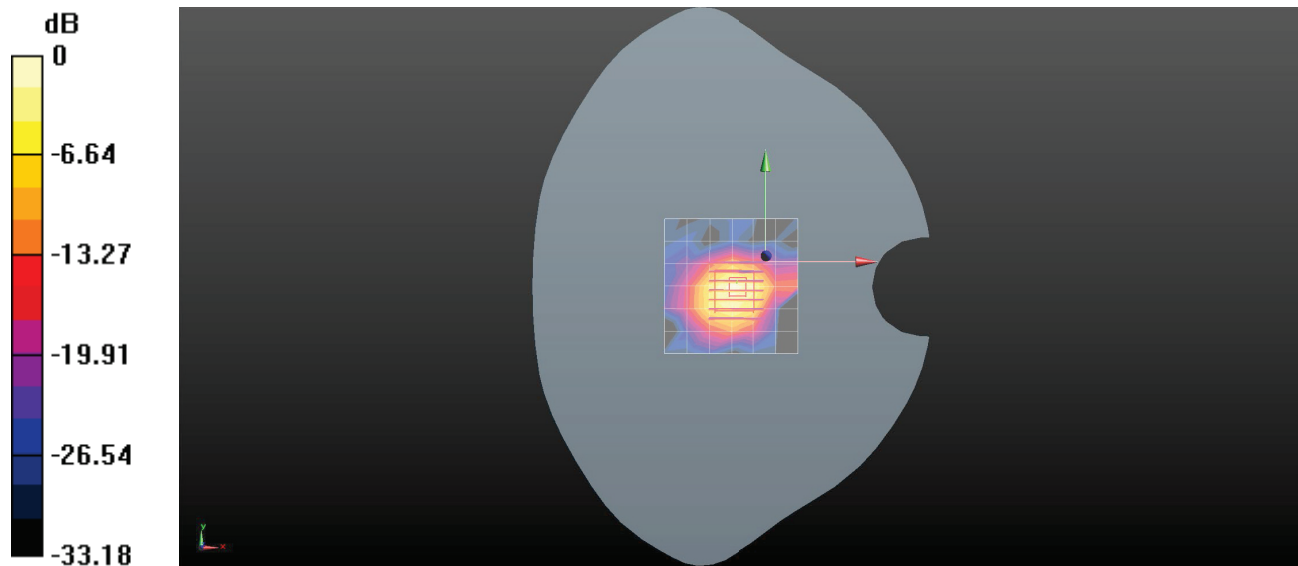
Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 15.823 V/m; Power Drift = -0.12 dB

Peak SAR (extrapolated) = 0.839 W/kg

SAR(1 g) = 0.396 W/kg; SAR(10 g) = 0.150 W/kg

Maximum value of SAR (measured) = 0.751 W/kg



0 dB = 0.751 W/kg = -1.24 dBW/kg