



Appendix B

Detailed Test Results

1. WIFI

Bluetooth for Body

Date: 2026/4/10

Test Laboratory: LCS-SAR Lab
BLE 1M 0CH Front side 0mm

DUT: FlexiGauge TPMS ; Type: 030570 ; Serial: A260306076-1

Communication System: UID 0, WIFI 2.4GHz (0); Frequency: 2402 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 2402 \text{ MHz}$; $\sigma = 1.732 \text{ S/m}$; $\epsilon_r = 38.622$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3805; ConvF(7.38, 7.38, 7.38); Calibrated: 2026/3/2;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn373; Calibrated: 2026/3/2
- Phantom: SAM v5.0; Type: SAM; Serial: 1850
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/ Body /Area Scan (9x10x1): Measurement grid: $dx=12\text{mm}$, $dy=12\text{mm}$

Maximum value of SAR (measured) = 0.125 W/kg

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

Reference Value = 1.336 V/m; Power Drift = -0.18 dB

Peak SAR (extrapolated) = 0.184 W/kg

SAR(1 g) = 0.098 W/kg; SAR(10 g) = 0.045 W/kg

Maximum value of SAR (measured) = 0.155 W/kg

