

Appendix C – Highest Test Plots

Date: 2025/4/17

6_Bluetooth_LE 1Mbps_Bottom Side_0mm_Ch39_ANT 0

DUT: HL868AU

Communication System: UID 10670 - AAA, Bluetooth Low Energy; Frequency: 2480 MHz; Duty Cycle: 1:1.185
Medium parameters used: $f = 2480$ MHz; $\sigma = 1.826$ S/m; $\epsilon_r = 40.145$; $\rho = 1000$ kg/m³
Phantom section: Flat Section
Measurement Standard: DASYS

DASY5.2 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: EX3DV4 - SN3977; ConvF(7.63, 7.13, 7.54) @ 2480 MHz; Calibrated: 2025/3/18
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 2024/10/28
- Phantom: ELI; Type: QD OVA 002 AA; Serial: 1175
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Area Scan (81x131x1): Interpolated grid: $dx=1.200$ mm, $dy=1.200$ mm
Maximum value of SAR (interpolated) = 0 W/kg

