

## APPENDIX B: SYSTEM VERIFICATION

# ELEMENT

**DUT: Dipole 2450.000 MHz; Type: D2450V2 - SN750**

Communication System: UID: 0, CW; Frequency: 2450.000 MHz  
Medium: 2450 Head; Medium parameters used:  
f = 2450.000 MHz; cond = 1.74 S/m; perm = 40.4; density = 1000 kg/m<sup>3</sup>  
Phantom Section: Flat; Space: 10 mm

Test Date: 02/27/2024; Ambient Temp: 20.5°C; Tissue Temp: 19.9°C

Probe: EX3DV4 - SN7357; ConvF:(7.7,7.7,7.7); 2023-04-13  
Sensor-Surface: 1.4mm (VMS + 6p)  
Electronics: DAE4 Sn1582; 2023-04-14  
Phantom: Twin-SAM V8.0; Serial: 1866  
Measurement SW: DASY Module SAR V16.2.4.2524

## 2450.0 MHz System Verification at 20.0 dBm (100 mW)

**Area Scan (40.0 x 80.0):** Measurement grid: dx=10.0 mm, dy=10.0 mm

**Zoom Scan (30.0 x 30.0 x 30.0):** Measurement grid: dx=5.0 mm, dy=5.0 mm, dz=1.5 mm; Graded Ratio: 1.5

Peak SAR (extrapolated) = 10.6 W/kg

**SAR(1 g) = 5.00 W/kg; SAR(10 g) = 2.34 W/kg**

Deviation (1 g) = -4.94%; Deviation (10 g) = -4.49%

