

APPENDIX B: SAR DIPOLE VERIFICATION PLOTS

ELEMENT

DUT: Dipole 13.000 MHz; Type: CLA13 - SN1052

Communication System: UID: 0, CW; Frequency: 13.000 MHz
Medium: Head Simulating Liquid; Medium parameters used:
f = 13.000 MHz; cond = 0.768 S/m; perm = 53.2; density = 1000 kg/m³
Phantom Section: Flat; Space: 0 mm

Test Date: 01/30/2026; Ambient Temp: 23.9°C; Tissue Temp: 21.0°C

Probe: EX3DV4 - SN7402; ConvF:(17.23,17.92,17.91); Calibrated: 2025-06-12
Sensor-Surface: 1.4mm (All points)
Electronics: DAE4 Sn1502; Calibrated: 2025-06-04
Phantom: ELI V5.0; Serial: 1155
Measurement SW: DASY Module SAR V16.4.0.5005

13.0 MHz System Verification at 30.0 dBm (1000 mW)

Area Scan (40.0 x 90.0): Measurement grid: dx=10.0 mm, dy=15.0 mm

Zoom Scan (30.0 x 30.0 x 31.2): Measurement grid: dx=6.0 mm, dy=6.0 mm, dz=1.5 mm; Graded Ratio: 1.5

Peak SAR (extrapolated) = 0.973 W/kg

SAR(1 g) = 0.511 W/kg; SAR(10 g) = 0.319 W/kg

Deviation (1 g) = 4.29%; Deviation (10 g) = 5.28%

