

APPENDIX A: SAR TEST PLOTS

ELEMENT

DUT: 2A6WXWCGMA35AA; Type: Wireless Charger; Serial: 15W ES01

Communication System: UID:0 - -, CW; MAIA: Y; Frequency: 13.600 MHz

Medium: 30 Head; Medium parameters used:

$f = 13.600$ MHz; $\text{cond} = 0.768$ S/m; $\text{perm} = 53.3$; $\text{density} = 1000$ kg/m³

Phantom Section: Flat; Space: 0.00 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 (20deg probe tilt); Serial: 1155

Measurement SW: DASY Module SAR V16.4.0.5005

Mode: NFC, Body SAR, Front Side

Area Scan (150.0 x 180.0): Measurement grid: $dx=15.0$ mm, $dy=15.0$ mm

Zoom Scan (42.0 x 42.0 x 31.2): Measurement grid: $dx=6.0$ mm, $dy=6.0$ mm, $dz=1.5$ mm; Graded Ratio: 1.5

Reference Value = 0.02 W/kg; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.073 W/kg

SAR(1 g) = 0.030 W/kg

Smallest distance from peaks to all points 3 dB below is 9.7 mm

Ratio of SAR at M2 to SAR at M1 = 71.1 %

