APPENDIX A: SAR TEST PLOTS

ELEMENT

DUT: 7591-04; Type: Portable Handset; Serial: 45005

Communication System: UID:10670 - AAA, Bluetooth; MAIA: Y; Frequency: 2402.0 MHz
Medium: 2450 Head; Medium parameters used:
f = 2402.0 MHz; cond = 1.82 S/m; perm = 38.6; density = 1000 kg/m3
Phantom Section: Flat; Space: 0.00 mm

Test Date: 1/4/2024; Ambient Temp: 20.3°C; Tissue Temp: 23.3°C

Probe: EX3DV4 - SN7406; ConvF:(7.57,7.57,7.57); Calibrated: 2023-07-07
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1677; Calibrated: 2023-07-10
Phantom: Twin-SAM V8.0; Serial: 2056
Measurement SW: DASY Module SAR V16.2.0.1425

Mode: Bluetooth, Antenna A, Body SAR, Ch. 37, 1Mbps, Front Side

Area Scan (120.0 x 120.0): 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
Reference Value = 0.01 W/kg; Power Drift = 0.03
Peak SAR (extrapolated) = 0.053 W/kg
SAR(1 g) = 0.015 W/kg; SAR (10 g) = 0.004 W/kg
Smallest distance from peaks to all points 3 dB below is 5.0 mm
Ratio of SAR at M2 to SAR at M1 = 65.5 %