APPENDIX A: SAR TEST PLOTS

ELEMENT

DUT: 7591-04 Type: Portable Handset; Serial: 00059

Communication System: UID:10670 - AAA, Bluetooth; MAIA: Y; Frequency: 2402.0 MHz
Medium: 2450 Head; Medium parameters used:
f = 2402.0 MHz; cond = 1.75 S/m; perm = 38.7; density = 1000 kg/m3
Phantom Section: Flat; Space: 0.00 mm

Test Date: 03/30/2023; Ambient Temp: 22.0°C; Tissue Temp: 19.6°C

Probe: EX3DV4 - SN7570; ConvF:(7.55,7.55,7.55); Calibrated: 2023-01-11
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1558; Calibrated: 2023-01-17
Phantom: Twin-SAM V8.0; Serial: 2060
Measurement SW: DASY Module SAR V16.2.0.1425

Mode: Bluetooth, Body SAR, Ch. 0, 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=2.9 mm, dy=2.9 mm, dz=1.2 mm; Graded Ratio: 1.2
Reference Value = 0.02 W/kg; Power Drift = 0.10 dB
Peak SAR (extrapolated) = 0.071 W/kg
SAR(10 g) = 0.007 W/kg
Smallest distance from peaks to all points 3 dB below is 4.7 mm
Ratio of SAR at M2 to SAR at M1 = 74.7 %