APPENDIX A: SAR TEST DATA

ELEMENT

DUT: BCGA3085; Type: Stylus Pen; Serial: JPMHW22DY4

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 = 40.4; density = 1000 kg/m^3
Phantom Section: Flat; Space: 0.00 mm

Test Date: 09/05/2023; Ambient Temp: 20.0°C; Tissue Temp: 20.3°C

Probe: EX3DV4 - SN7427; ConvF:(7.42,7.42,7.42); Calibrated: 2023-02-13
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1403; Calibrated: 2023-02-15
Phantom: Twin-SAM V8.0; Serial: 2027
Measurement SW: DASY Module SAR V16.2.0.1425

Mode: Bluetooth, Body SAR, Ch.0, 1Mbps, Top Side

Area Scan (200.0 x 53.1): Measurement grid: dx=10.0 mm, dy=8.85 mm
Zoom Scan (30.0 x 30.0 x 30.0): Measurement grid: dx=2.7 mm, dy=2.7 mm, dz=1.2 mm; Graded Ratio: 1.2
Reference Value = 0.10 W/kg; Power Drift = 0.00 dB
Peak SAR (extrapolated) = 0.481 W/kg
SAR(1 g) = 0.112 W/kg
Smallest distance from peaks to all points 3 dB below is 4.4 mm
Ratio of SAR at M2 to SAR at M1 = 66.1 %