APPENDIX A: SAR TEST PLOTS

ELEMENT

DUT: BCGA3211; Type: Wireless Speaker; Serial: 00V093

Communication System: UID:10032 - CAA, Bluetooth; MAIA: Y; Frequency: 2402.000 MHz
Medium: 2450 Head; Medium parameters used:
f = 2402.000 MHz; cond = 1.70 S/m; perm = 40.5; density = 1000 kg/m^3
Phantom Section: Flat; Space: 0.00 mm

Test Date: 02/27/2024; Ambient Temp: 20.5°C; Tissue Temp: 19.9°C

Probe: EX3DV4 - SN7357; ConvF:(7.7,7.7,7.7); Calibrated: 2023-04-13
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1582; Calibrated: 2023-04-14
Phantom: Twin-SAM V8.0; Serial: 1866
Measurement SW: DASY Module SAR V16.2.4.2524

Mode: Bluetooth, Antenna 1, Exp: Body| Back Side, Ch. 0

Area Scan (260.0 x 120.0): Measurement grid: dx=10.0 mm, dy=10.0 mm
Zoom Scan (36.0 x 36.0 x 30.0): Measurement grid: dx=4.5 mm, dy=4.5 mm, dz=1.5 mm; Graded Ratio: 1.5
Reference Value = 0.20 W/kg; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 0.416 W/kg
SAR (1g) = 0.222, SAR(10 g) = 0.117 W/kg
Smallest distance from peaks to all points 3 dB below is 13.4 mm
Ratio of SAR at M2 to SAR at M1 = 81.4 %