APPENDIX A: SAR TEST DATA

ELEMENT

DUT: BCG-A3059; Type: Wireless Earbuds Charging Case; Serial: C30N19QKY4

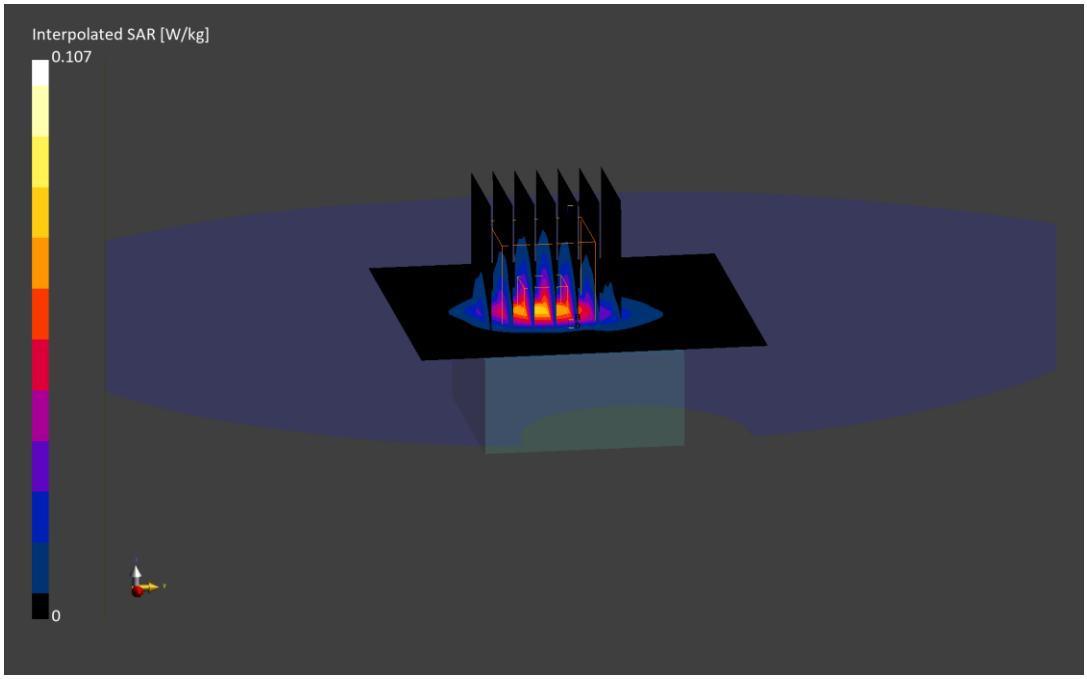
Communication System: UID:10670 - AAA, Bluetooth; MAIA: Y; Frequency: 2441.0 MHz
Medium: 2450 Head; Medium parameters used:
f = 2441.0 MHz; cond = 1.82 S/m; perm = 38.3; density = 1000 kg/m^3
Phantom Section: Flat; Space: 0.0 mm

Test Date: 08/22/2024; Ambient Temp: 20.4°C; Tissue Temp: 20.5°C

Probe: EX3DV4 - SN7546; ConvF:(7.31,6.67,7.21); Calibrated: 2024-04-16
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1402; Calibrated: 2024-04-10
Phantom: Twin-SAM V8.0; Serial: 2029
Measurement SW: DASY Module SAR V16.2.4.2524

Mode: 2.4 GHz Bluetooth, Exp: Body| Front Side, Ch. 39, 1 Mbps

Area Scan (80.0 x 80.0): 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 = 0.06 W/kg; Power Drift = 0.03 dB
Peak SAR (extrapolated) = 0.107 W/kg
SAR(1 g) = 0.052 W/kg
Smallest distance from peaks to all points 3 dB below is 10.0 mm
Ratio of SAR at M2 to SAR at M1 = 84.3 %



ELEMENT

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Medium: 2450 Head; Medium parameters used:
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Phantom Section: Flat; Space: 0.0 mm

Test Date: 08/22/2024; Ambient Temp: 20.4°C; Tissue Temp: 20.5°C

Probe: EX3DV4 - SN7546; ConvF:(7.31,6.67,7.21); Calibrated: 2024-04-16
Sensor-Surface: 1.4mm (VMS + 6p)
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Reference Value = 0.06 W/kg; Power Drift = 0.03 dB
Peak SAR (extrapolated) = 0.107 W/kg
SAR(10 g) = 0.024 W/kg
Smallest distance from peaks to all points 3 dB below is 10.0 mm
Ratio of SAR at M2 to SAR at M1 = 84.3 %