APPENDIX A: SAR TEST DATA

ELEMENT

DUT: BCG-A3048; Type: Wireless Earbud; Serial: GX1KJ3UR26JY

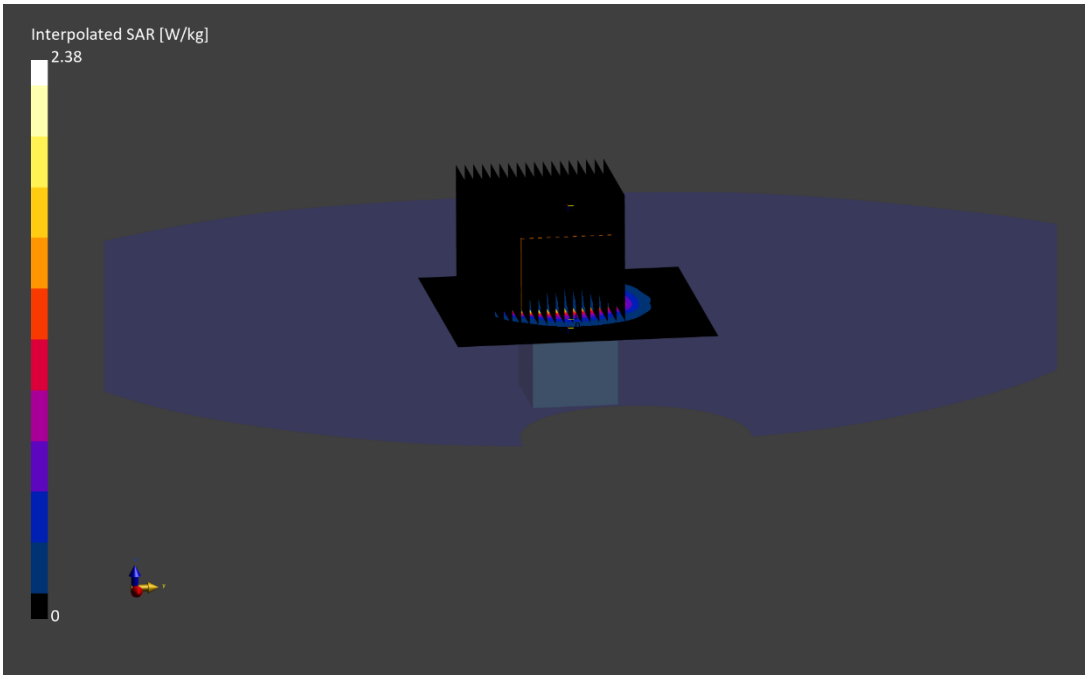
Communication System: UID:10035 - CAA, Bluetooth; MAIA: Y; Frequency: 2441.0 MHz
Medium: 2450 Head; Medium parameters used:
f = 2441.0 MHz; cond = 1.84 S/m; perm = 39.5; density = 1000 kg/m^3
Phantom Section: Flat; Space: 0.00 mm

Test Date: 06/19/2023; Ambient Temp: 21.1°C; Tissue Temp: 22.6°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, Head SAR, Ch.39, 4Mbps, Ear tip Side, Left Earbud

Area Scan (60.0 x 60.0): Measurement grid: dx=10.0 mm, dy=10.0 mm
Zoom Scan (32.0 x 32.0 x 30.0): Measurement grid: dx=2.0 mm, dy=2.0 mm, dz=1.5 mm; Graded Ratio: 1.5
Reference Value = 0.35 W/kg; Power Drift = -0.02 dB
Peak SAR (extrapolated) = 2.38 W/kg
SAR(1 g) = 0.348 W/kg
Smallest distance from peaks to all points 3 dB below is 2.4 mm
Ratio of SAR at M2 to SAR at M1 = 37.8 %



ELEMENT

DUT: BCG-A3048; Type: Wireless Earbud; Serial: GX1KJ3UR26JY

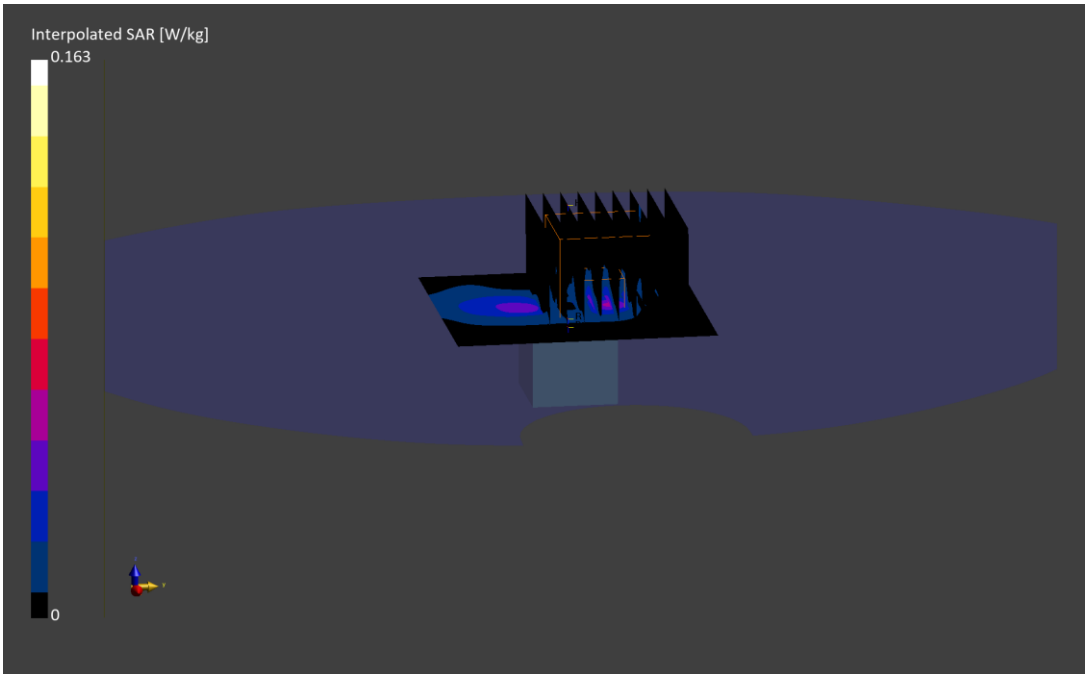
Communication System: UID:10035 - CAA, CW; MAIA: Y; Frequency: 5201.0 MHz
Medium: 5200-5800 Head; Medium parameters used:
f = 5201.0 MHz; cond = 4.56 S/m; perm = 35.0; density = 1000 kg/m^3
Phantom Section: Flat; Space: 0.00 mm

Test Date: 06/20/2023; Ambient Temp: 22.6°C; Tissue Temp: 20.3°C

Probe: EX3DV4 - SN7427; ConvF:(5.12,5.12,5.12); 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: NB UNII-1, Head SAR, Mid Ch., 4Mbps, Ear tip Side, Left Earbud

Area Scan (60.0 x 60.0): Measurement grid: dx=10.0 mm, dy=10.0 mm
Zoom Scan (22.0 x 22.0 x 22.0): Measurement grid: dx=4.0 mm, dy=4.0 mm, dz=1.4 mm; Graded Ratio: 1.4
Reference Value = 0.03 W/kg; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 0.163 W/kg
SAR(1 g) = 0.041 W/kg
Smallest distance from peaks to all points 3 dB below is 5.6 mm
Ratio of SAR at M2 to SAR at M1 = 63.4 %



ELEMENT

DUT: BCG-A3048; Type: Wireless Earbud; Serial: GX1KJ3UR26JY

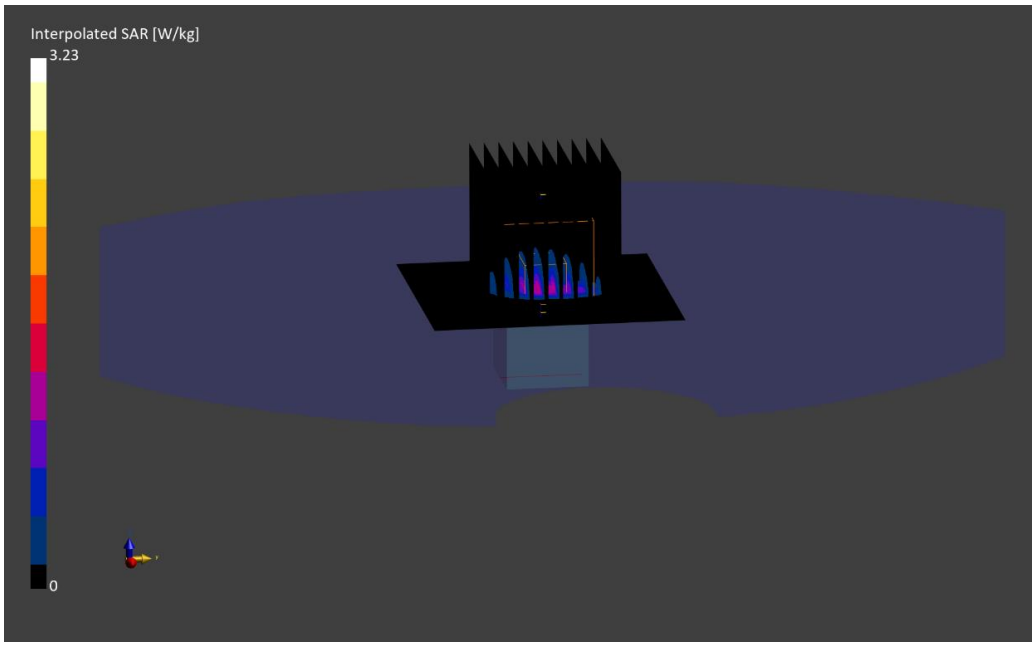
Communication System: UID:10035 - CAA, Bluetooth; MAIA: Y; Frequency: 2402.0 MHz
Medium: 2450 Head; Medium parameters used:
f = 2402.0 MHz; cond = 1.79 S/m; perm = 38.2; density = 1000 kg/m^3
Phantom Section: Flat; Space: 0.00 mm

Test Date: 06/15/2023; Ambient Temp: 21.8°C; Tissue Temp: 21.4°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-Worn SAR, Ch.0, 4Mbps, Antenna Touching, Left Earbud

Area Scan (60.0 x 60.0): Measurement grid: dx=10.0 mm, dy=10.0 mm
Zoom Scan (30.0 x 30.0 x 30.0): Measurement grid: dx=3.5 mm, dy=3.5 mm, dz=1.4 mm; Graded Ratio: 1.4
Reference Value = 1.02 W/kg; Power Drift = 0.06 dB
Peak SAR (extrapolated) = 3.23 W/kg
SAR(1 g) = 0.985 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 = 68.9 %



ELEMENT

DUT: BCG-A3048; Type: Wireless Earbud; Serial: GX1KJ3UR26JY

Communication System: UID:10035 - CAA, CW; MAIA: Y; Frequency: 5245.0 MHz
Medium: 5200-5800 Head; Medium parameters used:
f = 5245.0 MHz; cond = 4.60 S/m; perm = 34.9; density = 1000 kg/m^3
Phantom Section: Flat; Space: 0.00 mm

Test Date: 06/20/2023; Ambient Temp: 22.6°C; Tissue Temp: 20.3°C

Probe: EX3DV4 - SN7427; ConvF:(5.12,5.12,5.12); 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: NB UNII-1, Body-worn SAR, High Ch., 4Mbps, Back Side, Left Earbud

Area Scan (60.0 x 60.0): Measurement grid: dx=10.0 mm, dy=10.0 mm
Zoom Scan (22.0 x 22.0 x 22.0): Measurement grid: dx=1.8 mm, dy=1.8 mm, dz=1.2 mm; Graded Ratio: 1.2
Reference Value = 0.66 W/kg; Power Drift = -0.05 dB
Peak SAR (extrapolated) = 6.71 W/kg
SAR(1 g) = 0.831 W/kg
Smallest distance from peaks to all points 3 dB below is 2.9 mm
Ratio of SAR at M2 to SAR at M1 = 56.7 %