APPENDIX A: SAR TEST DATA

ELEMENT

DUT: BCG-A3047; Type: Wireless Earbud; Serial: GFJKJ14M26K0

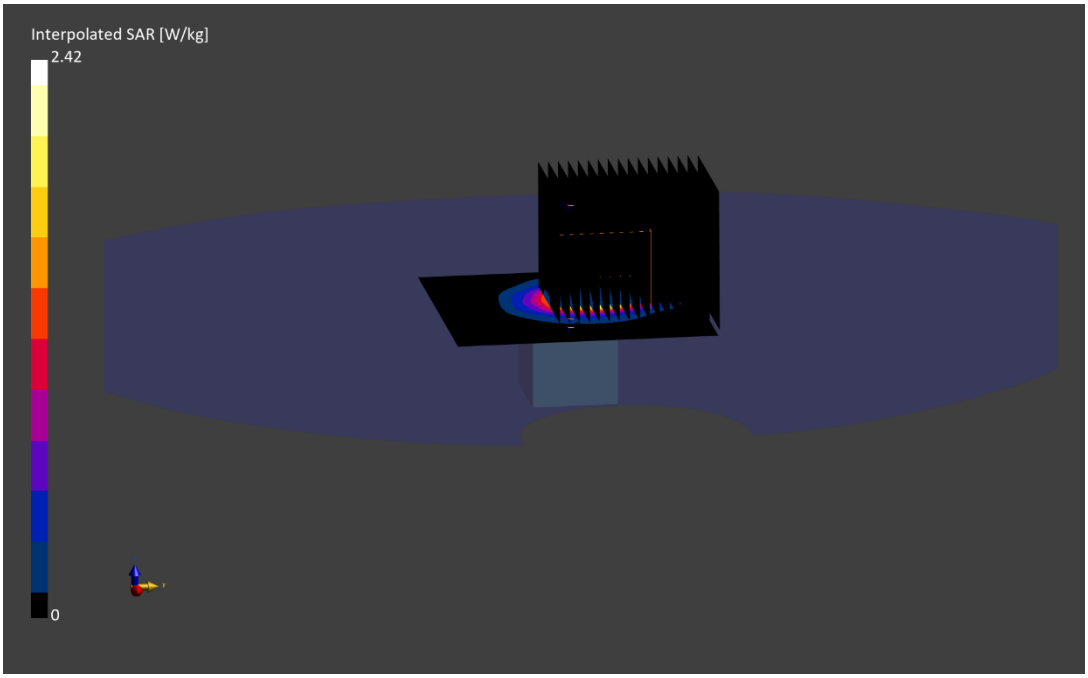
Communication System: UID:10035 - CAA, Bluetooth; MAIA: Y; Frequency: 2402.0 MHz
Medium: 2450 Head; Medium parameters used:
f = 2402.0 MHz; cond = 1.80 S/m; perm = 39.7; density = 1000 kg/m^3
Phantom Section: Flat; Space: 0.00 mm

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.0, 4Mbps, Ear tip Side, Right 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=2.3 mm, dy=2.3 mm, dz=1.2 mm; Graded Ratio: 1.2
Reference Value = 0.34 W/kg; Power Drift = -0.02 dB
Peak SAR (extrapolated) = 2.42 W/kg
SAR(1 g) = 0.335 W/kg
Smallest distance from peaks to all points 3 dB below is 3.1 mm
Ratio of SAR at M2 to SAR at M1 = 43.8 %



ELEMENT

DUT: BCG-A3047; Type: Wireless Earbud; Serial: GFJK14M26K0

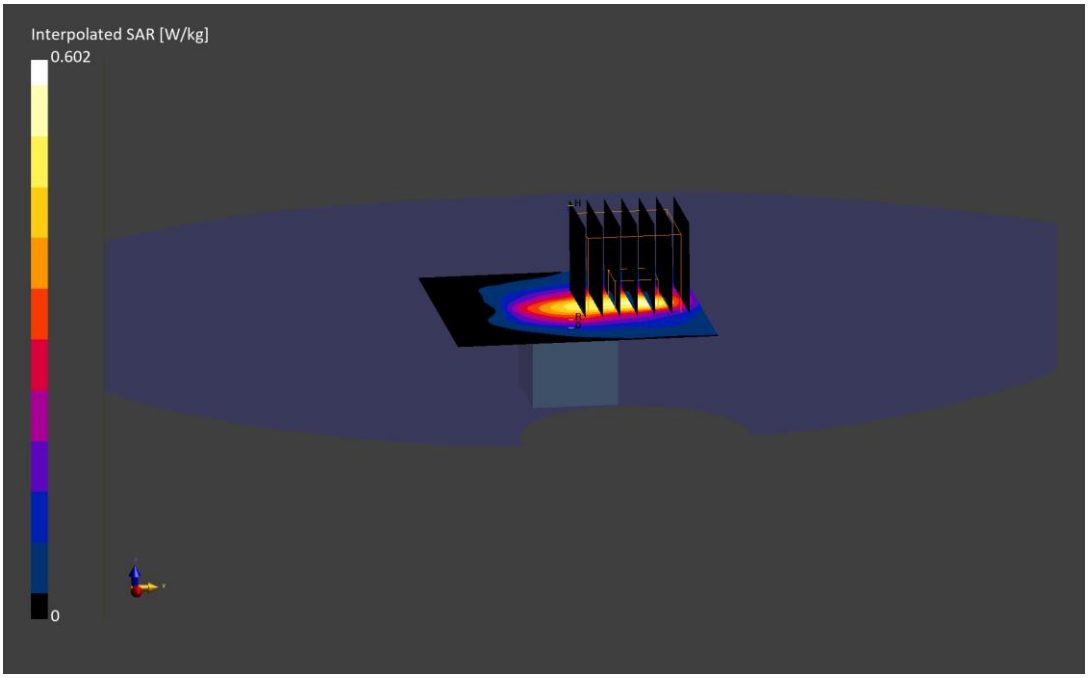
Communication System: UID:10035 - CAA, CW; MAIA: Y; Frequency: 5245.0 MHz
Medium: 5200-5800 Head; Medium parameters used:
f = 5245.0 MHz; cond = 4.60 S/m; perm = 34.9; density = 1000 kg/m^3
Phantom Section: Flat; Space: 0.00 mm

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, Head SAR, High Ch., 4Mbps, Ear tip Side, Right 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 = 0.06 W/kg; Power Drift = -0.05 dB
Peak SAR (extrapolated) = 0.602 W/kg
SAR(1 g) = 0.083 W/kg
Smallest distance from peaks to all points 3 dB below is N/A
Ratio of SAR at M2 to SAR at M1 = 41.7 %



ELEMENT

DUT: BCG-A3047; Type: Wireless Earbud; Serial: GFJKJ14M26K0

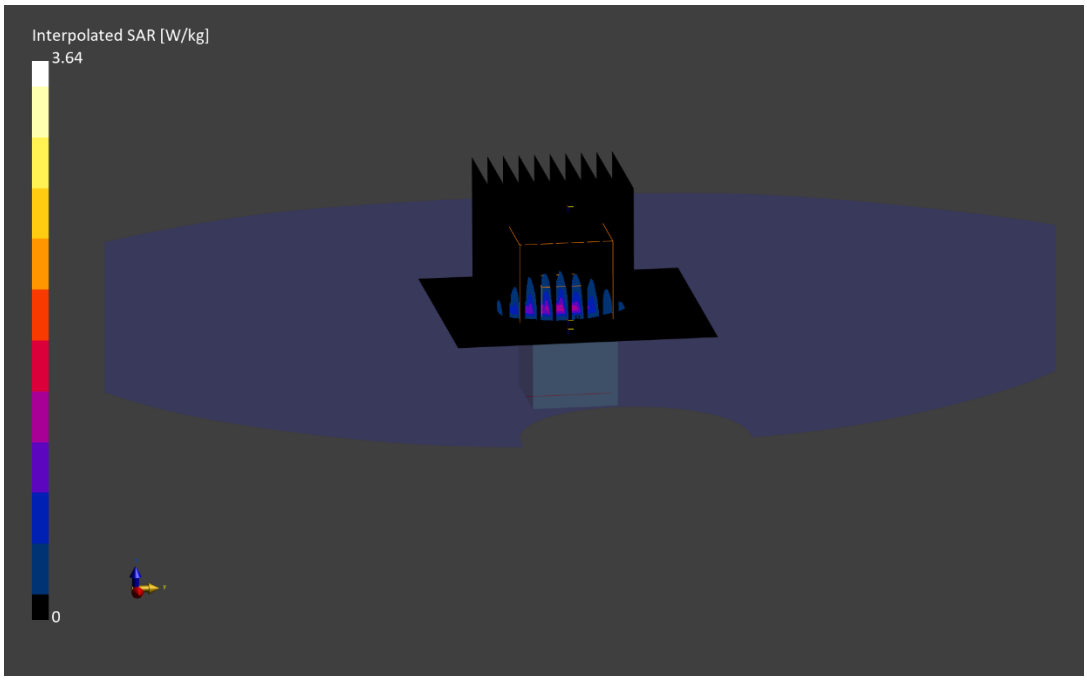
Communication System: UID:10035 - CAA, Bluetooth; MAIA: Y; Frequency: 2402.0 MHz
Medium: 2450 Head; Medium parameters used:
f = 2402.0 MHz; cond = 1.79 S/m; perm = 38.2; density = 1000 kg/m^3
Phantom Section: Flat; Space: 0.00 mm

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, Right 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=3.6 mm, dy=3.6 mm, dz=1.4 mm; Graded Ratio: 1.4
Reference Value = 0.98 W/kg; Power Drift = -0.02 dB
Peak SAR (extrapolated) = 3.64 W/kg
SAR(1 g) = 1.01 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 = 67.3 %



ELEMENT

DUT: BCG-A3047; Type: Wireless Earbud; Serial: GFJKJ14M26K0

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, Right 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=2.6 mm, dy=2.6 mm, dz=1.2 mm; Graded Ratio: 1.2
Reference Value = 1.03 W/kg; Power Drift = -0.02 dB
Peak SAR (extrapolated) = 6.92 W/kg
SAR(1 g) = 1.00 W/kg
Smallest distance from peaks to all points 3 dB below is 3.5 mm
Ratio of SAR at M2 to SAR at M1 = 55.1 %