

APPENDIX A: SAR TEST DATA

ELEMENT

DUT: BCG-A3122; Type: Wireless Earbuds Charging Case; Serial: NJ1C4DV4Q9

Communication System: UID:10670 - AAA, CW; MAIA: Y; Frequency: 2480.0 MHz
Medium: 2450 Head; Medium parameters used:
f = 2480.0 MHz; cond = 1.79 S/m; perm = 40.1; density = 1000 kg/m³
Phantom Section: Flat; Space: 5.00 mm

Test Date: 07/17/2025; Ambient Temp: 19.9°C; Tissue Temp: 19.0°C

Probe: EX3DV4 - SN7551; ConvF:(6.98,6.91,7.1); Calibrated: 2025-04-16
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1323; Calibrated: 2025-04-15
Phantom: Twin-SAM V4.0; Serial: 1447
Measurement SW: DASY Module SAR V16.4.0.5005

Mode: 2.4 GHz Bluetooth, Exp: Body-worn| Bottom Edge, Ch. 78, 1 Mbps

Area Scan (60.0 x 100.0): Measurement grid: dx=10.0 mm, dy=10.0 mm

Zoom Scan (30.0 x 30.0 x 31.2): Measurement grid: dx=5.0 mm, dy=5.0 mm, dz=1.5 mm; Graded Ratio: 1.5

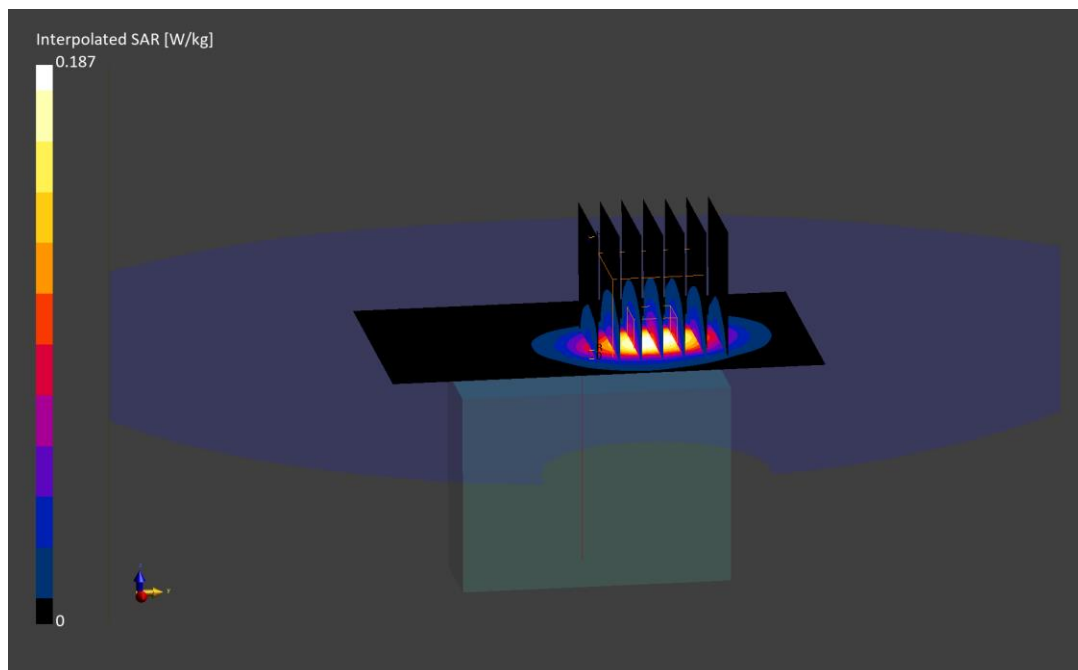
Reference Value = 0.15 W/kg; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.187 W/kg

SAR(1 g) = 0.090 W/kg

Smallest distance from peaks to all points 3 dB below is 9.0 mm

Ratio of SAR at M2 to SAR at M1 = 79.5 %



ELEMENT

DUT: BCG-A3122; Type: Wireless Earbuds Charging Case; Serial: RVGHGJ0MXQ

Communication System: UID:10032 - CAA, CW; MAIA: Y; Frequency: 5786.3 MHz
Medium: 5200-5800 Head; Medium parameters used:
 $f = 5786.3$ MHz; $\text{cond} = 5.15$ S/m; $\text{perm} = 34.4$; $\text{density} = 1000$ kg/m³
Phantom Section: Flat; Space: 5.00 mm

Test Date: 07/17/2025; Ambient Temp: 19.9°C; Tissue Temp: 19.0°C

Probe: EX3DV4 - SN7551; ConvF:(5.07,5.01,5.15); Calibrated: 2025-04-16
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1323; Calibrated: 2025-04-15
Phantom: Twin-SAM V4.0; Serial: 1447
Measurement SW: DASY Module SAR V16.4.0.5005

Mode: 802.15.4 ab-NB, Exp: Body-worn| Bottom Edge, Ch. Mid, 1 Mbps

Area Scan (60.0 x 100.0): Measurement grid: $\text{dx}=10.0$ mm, $\text{dy}=10.0$ mm

Zoom Scan (28.0 x 28.0 x 22.9): Measurement grid: $\text{dx}=4.0$ mm, $\text{dy}=4.0$ mm, $\text{dz}=1.4$ mm; Graded Ratio: 1.4

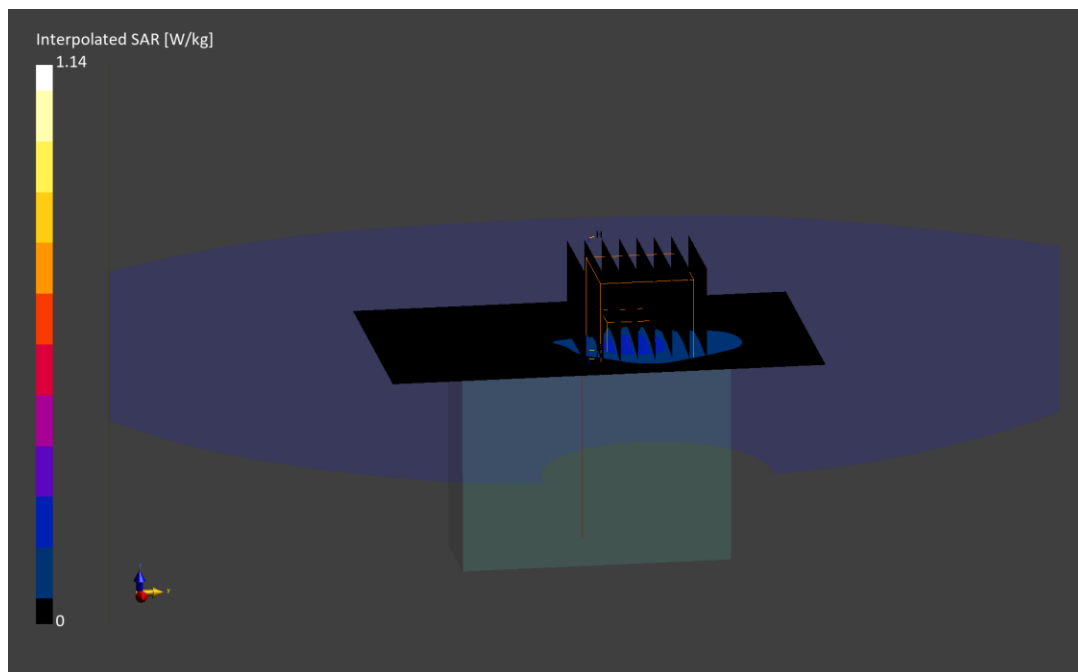
Reference Value = 0.57 W/kg; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 1.14 W/kg

SAR(1 g) = 0.245 W/kg

Smallest distance from peaks to all points 3 dB below is 6.8 mm

Ratio of SAR at M2 to SAR at M1 = 57.4 %



ELEMENT

DUT: BCG-A3122; Type: Wireless Earbuds Charging Case; Serial: NJ1C4DV4Q9

Communication System: UID:10670 - AAA, CW; MAIA: Y; Frequency: 2480.0 MHz

Medium: 2450 Head; Medium parameters used:

$f = 2480.0$ MHz; $\text{cond} = 1.79$ S/m; $\text{perm} = 40.1$; $\text{density} = 1000$ kg/m³

Phantom Section: Flat; Space: 5.00 mm

Test Date: 07/17/2025; Ambient Temp: 19.9°C; Tissue Temp: 19.0°C

Probe: EX3DV4 - SN7551; ConvF:(6.98,6.91,7.1); Calibrated: 2025-04-16

Sensor-Surface: 1.4mm (VMS + 6p)

Electronics: DAE4 Sn1323; Calibrated: 2025-04-15

Phantom: Twin-SAM V4.0; Serial: 1447

Measurement SW: DASY Module SAR V16.4.0.5005

Mode: 2.4 GHz Bluetooth, Exp: Extremity| Bottom Edge, Ch. 78, 1 Mbps

Area Scan (60.0 x 100.0): Measurement grid: $\text{dx}=10.0$ mm, $\text{dy}=10.0$ mm

Zoom Scan (30.0 x 30.0 x 31.2): Measurement grid: $\text{dx}=5.0$ mm, $\text{dy}=5.0$ mm, $\text{dz}=1.5$ mm; Graded Ratio: 1.5

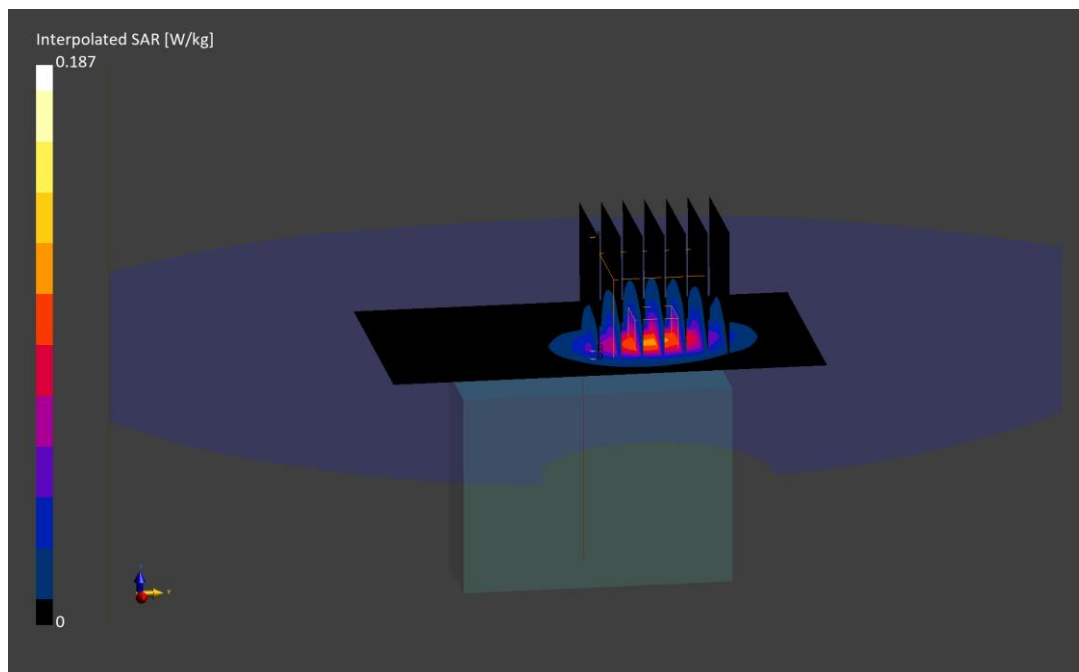
Reference Value = 0.15 W/kg; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.187 W/kg

SAR(10 g) = 0.041 W/kg

Smallest distance from peaks to all points 3 dB below is 9.0 mm

Ratio of SAR at M2 to SAR at M1 = 79.5 %



ELEMENT

DUT: BCG-A3122; Type: Wireless Earbuds Charging Case; Serial: RVGHGJ0MXQ

Communication System: UID:10032 - CAA, CW; MAIA: Y; Frequency: 5786.3 MHz
Medium: 5200-5800 Head; Medium parameters used:
 $f = 5786.3$ MHz; $\text{cond} = 5.15$ S/m; $\text{perm} = 34.4$; $\text{density} = 1000$ kg/m³
Phantom Section: Flat; Space: 5.00 mm

Test Date: 07/17/2025; Ambient Temp: 19.9°C; Tissue Temp: 19.0°C

Probe: EX3DV4 - SN7551; ConvF:(5.07,5.01,5.15); Calibrated: 2025-04-16
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1323; Calibrated: 2025-04-15
Phantom: Twin-SAM V4.0; Serial: 1447
Measurement SW: DASY Module SAR V16.4.0.5005

Mode: 802.15.4 ab-NB, Exp: Extremity| Left Edge, Ch. Mid, 1 Mbps

Area Scan (60.0 x 80.0): Measurement grid: $\text{dx}=10.0$ mm, $\text{dy}=10.0$ mm

Zoom Scan (24.0 x 24.0 x 22.9): Measurement grid: $\text{dx}=4.0$ mm, $\text{dy}=4.0$ mm, $\text{dz}=1.4$ mm; Graded Ratio: 1.4

Reference Value = 0.54 W/kg; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 1.04 W/kg

SAR(10 g) = 0.083 W/kg

Smallest distance from peaks to all points 3 dB below is 9.7 mm

Ratio of SAR at M2 to SAR at M1 = 56.6 %

