APPENDIX A: SAR TEST PLOTS

ELEMENT

DUT: BCG-A3333; Type: Watch; Serial: KW2YC

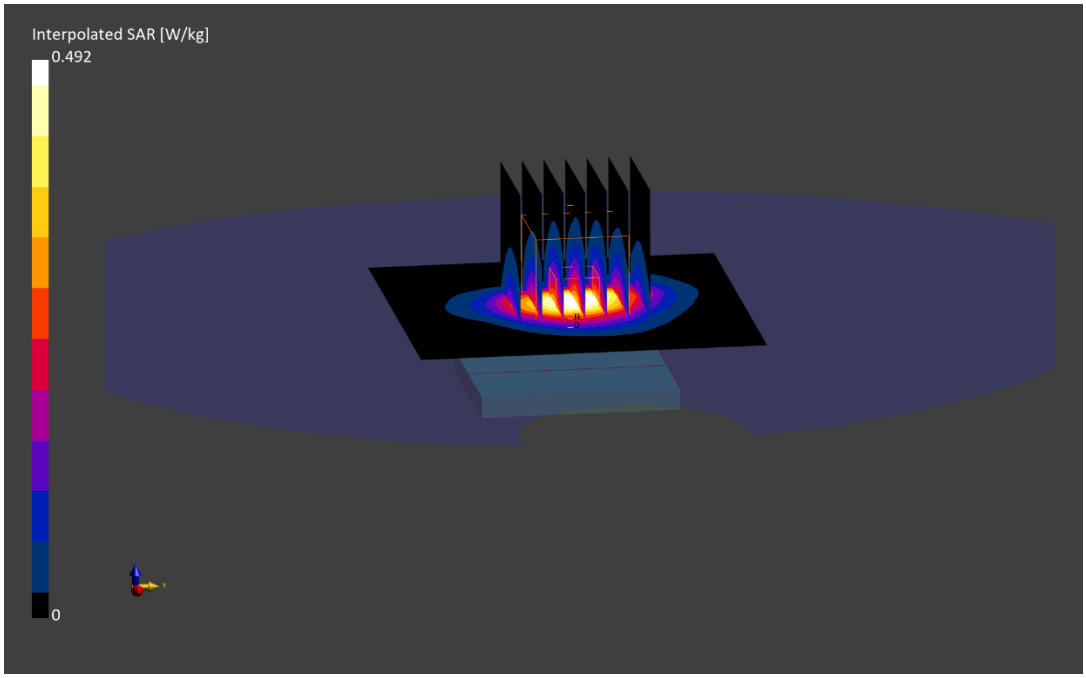
Communication System: UID:10415 - AAA, WLAN; MAIA: Y; Frequency: 2437.0 MHz
Medium: 2450 Head; Medium parameters used:
f = 2437.0 MHz; cond = 1.80 S/m; perm = 39.8; density = 1000 kg/m^3
Phantom Section: Flat; Space: 10 mm mm

Test Date: 06/16/2025; Ambient Temp: 22.1°C; Tissue Temp: 22.0°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 WIFI/ IEEE 802.11b, 22 MHz Bandwidth, Exp: Head| Front Side, Ch. 6, 1Mbps Aluminum, Sport Wristband

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 31.2): Measurement grid: dx=5.0 mm, dy=5.0 mm, dz=1.5 mm; Graded Ratio: 1.5
Reference Value = 0.43 W/kg; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 0.492 W/kg
SAR(1 g) = 0.290 W/kg
Smallest distance from peaks to all points 3 dB below is 10.8 mm
Ratio of SAR at M2 to SAR at M1 = 85.5 %



ELEMENT

DUT: BCG-A3333; Type: Watch; Serial: T23FY

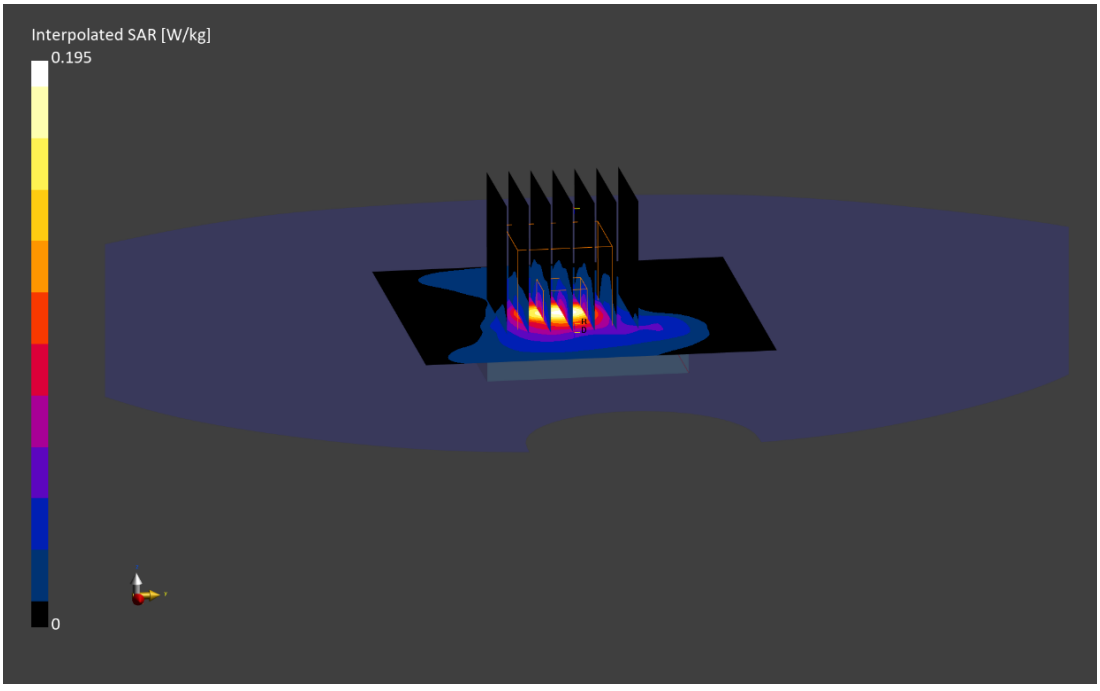
Communication System: UID:10415 - AAA, WLAN; MAIA: Y; Frequency: 2437.0 MHz
Medium: 2450 Head; Medium parameters used:
f = 2437.0 MHz; cond = 1.80 S/m; perm = 39.8; density = 1000 kg/m^3
Phantom Section: Flat; Space: 0.00 mm

Test Date: 06/16/2025; Ambient Temp: 22.1°C; Tissue Temp: 22.0°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 WIFI/ IEEE 802.11b, 22 MHz Bandwidth, Exp: Extremity| Back Side, Ch. 6, 1Mbps Aluminum, Metal Links Wristband

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 31.2): Measurement grid: dx=5.0 mm, dy=5.0 mm, dz=1.5 mm; Graded Ratio: 1.5
Reference Value = 0.17 W/kg; Power Drift = -0.08 dB
Peak SAR (extrapolated) = 0.195 W/kg
SAR(10 g) = 0.031 W/kg
Smallest distance from peaks to all points 3 dB below is 7.9 mm
Ratio of SAR at M2 to SAR at M1 = 71.8 %



ELEMENT

DUT: BCG-A3333; Type: Watch; Serial: 90NVJ

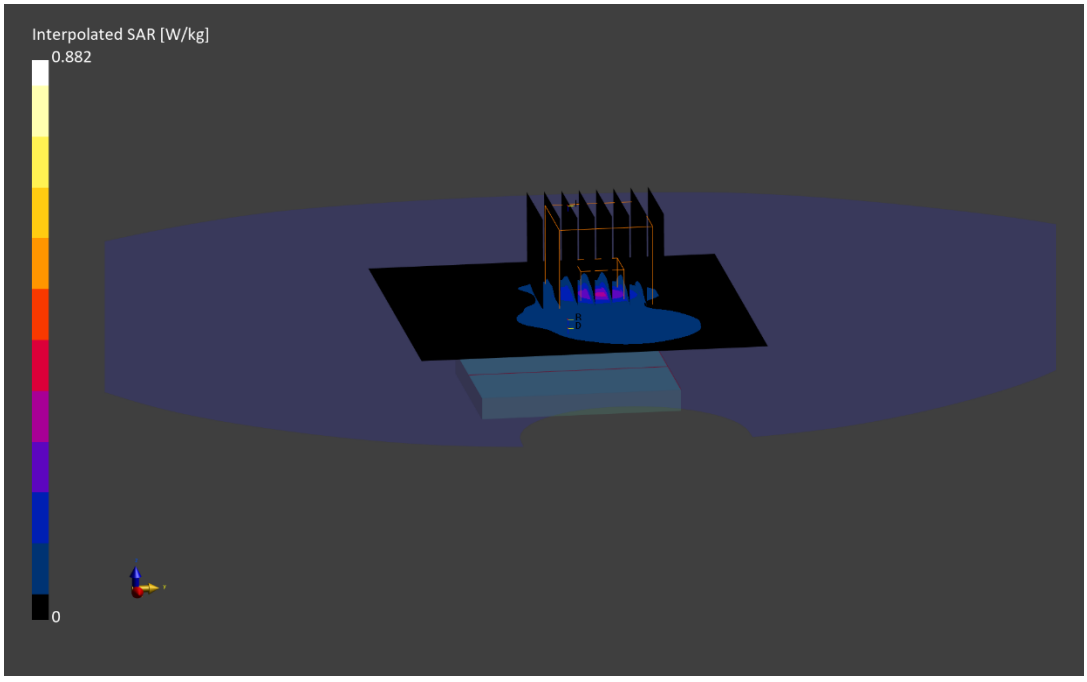
Communication System: UID:10317 - AAE, WLAN; MAIA: Y; Frequency: 5600.0 MHz
Medium: 5200-5850 Head; Medium parameters used:
f = 5600.0 MHz; cond = 5.05 S/m; perm = 35.8; density = 1000 kg/m^3
Phantom Section: Flat; Space: 10.00 mm

Test Date: 06/27/2025; Ambient Temp: 20.8°C; Tissue Temp: 19.2°C

Probe: EX3DV4 - SN7499; ConvF:(4.83,4.94,5.11); Calibrated: 2025-01-14
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1465; Calibrated: 2025-01-08
Phantom: Twin-SAM V8.0; Serial: 2070
Measurement SW: DASY Module SAR V16.4.0.5005

Mode: 5 GHz WIFI/ IEEE 802.11a, 20 MHz Bandwidth, U-NII-2C, Exp: Head| Front Side, Ch. 120, 6.0 Mbps Aluminum, Sport Wristband

Area Scan (80.0 x 80.0): Measurement grid: dx=10.0 mm, dy=10.0 mm
Zoom Scan (24.0 x 28.0 x 22.9): Measurement grid: dx=4.0 mm, dy=4.0 mm, dz=1.4 mm; Graded Ratio: 1.4
Reference Value = 0.12 W/kg; Power Drift = 0.00 dB
Peak SAR (extrapolated) = 0.882 W/kg
SAR(1 g) = 0.223 W/kg
Smallest distance from peaks to all points 3 dB below is 7.9 mm
Ratio of SAR at M2 to SAR at M1 = 60.5 %



ELEMENT

DUT: BCG-A3333; Type: Watch; Serial: 90NVJ

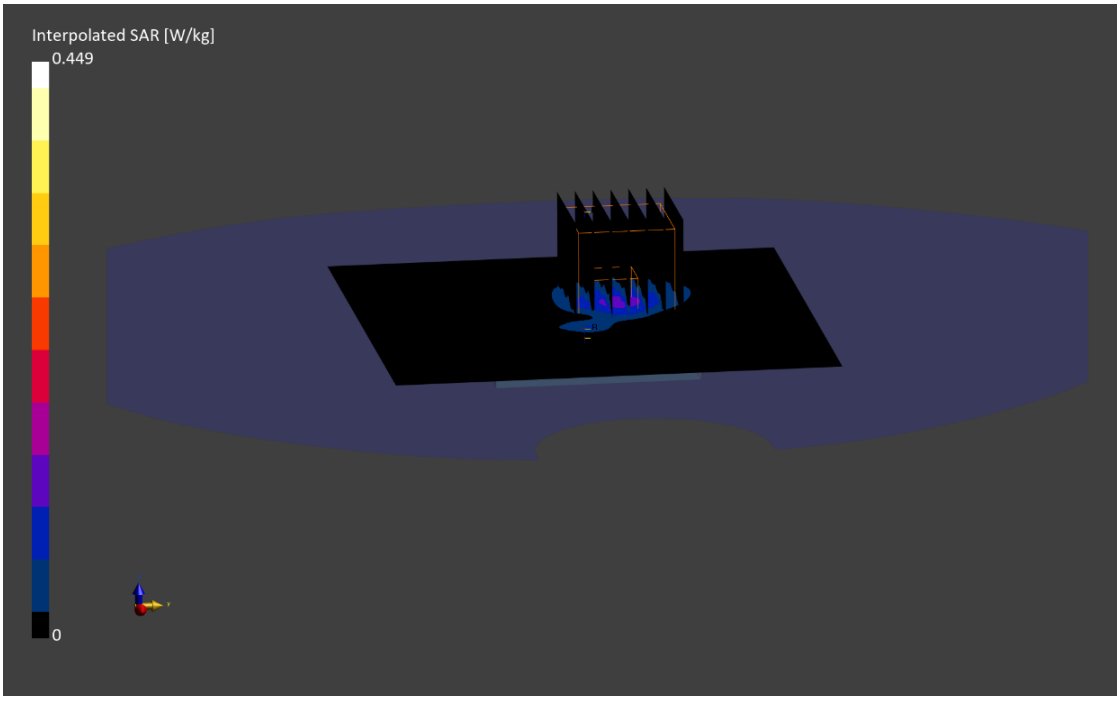
Communication System: UID:10317 - AAE, WLAN; MAIA: Y; Frequency: 5745.0 MHz
Medium: 5200-5850 Head; Medium parameters used:
f = 5745.0 MHz; cond = 5.16 S/m; perm = 34.2; density = 1000 kg/m^3
Phantom Section: Flat; Space: 0.00 mm

Test Date: 07/21/2025; Ambient Temp: 20.8°C; Tissue Temp: 19.4°C

Probe: EX3DV4 - SN7499; ConvF:(4.93,5.05,5.22); Calibrated: 2025-01-14
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1465; Calibrated: 2025-01-08
Phantom: Twin-SAM V8.0; Serial: 2070
Measurement SW: DASY Module SAR V16.4.0.5005

Mode: 5 GHz WIFI/ IEEE 802.11a, 20 MHz Bandwidth, U-NII-3, Exp: Extremity| Back Side, Ch. 149, 6.0 Mbps Aluminum, Metal Loop Wristband

Area Scan (100.0 x 100.0): Measurement grid: dx=10.0 mm, dy=10.0 mm
Zoom Scan (28.0 x 24.0 x 22.9): 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 = -0.04 dB
Peak SAR (extrapolated) = 0.449 W/kg
SAR(10 g) = 0.034 W/kg
Smallest distance from peaks to all points 3 dB below is 7.6 mm
Ratio of SAR at M2 to SAR at M1 = 59.9 %



ELEMENT

DUT: BCG-A3333; Type: Watch; Serial: T23FY

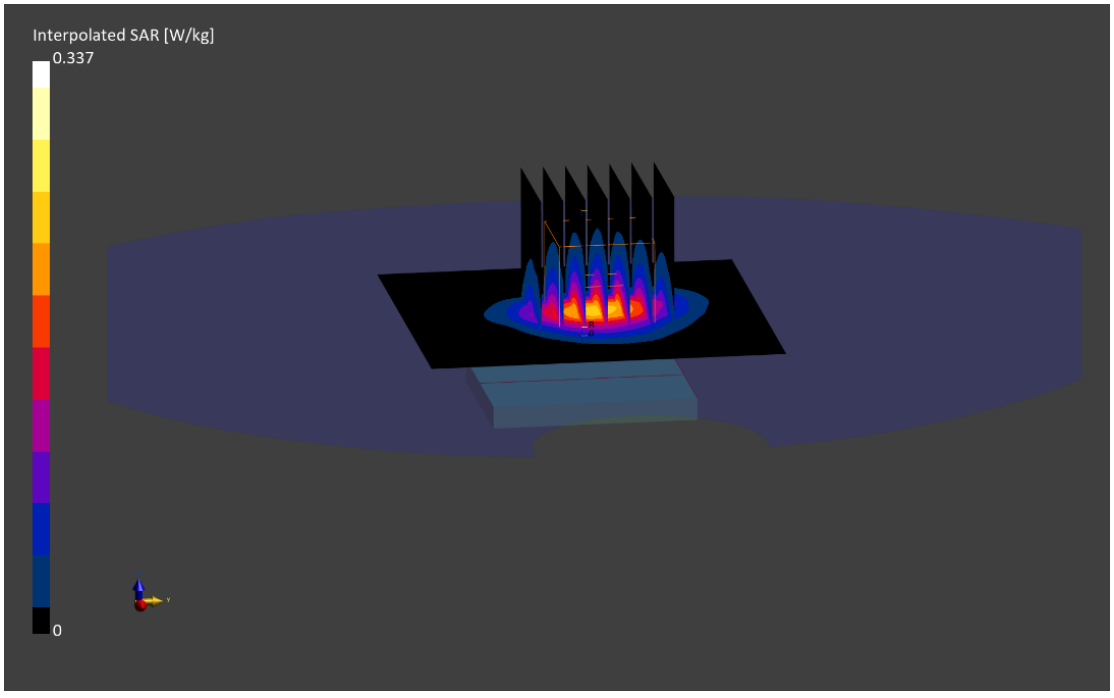
Communication System: UID:10032 - CAA, Bluetooth; MAIA: Y; Frequency: 2480.0 MHz
Medium: 2450 Head; Medium parameters used:
f = 2480.0 MHz; cond = 1.84 S/m; perm = 39.7; density = 1000 kg/m^3
Phantom Section: Flat; Space: 10.00 mm

Test Date: 06/16/2025; Ambient Temp: 22.1°C; Tissue Temp: 22.0°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: Head| Front Side, Ch. 78, 1 Mbps Aluminum, Sport Wristband

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 31.2): Measurement grid: dx=5.0 mm, dy=5.0 mm, dz=1.5 mm; Graded Ratio: 1.5
Reference Value = 0.30 W/kg; Power Drift = 0.00 dB
Peak SAR (extrapolated) = 0.337 W/kg
SAR(1 g) = 0.194 W/kg
Smallest distance from peaks to all points 3 dB below is 10.8 mm
Ratio of SAR at M2 to SAR at M1 = 84.6 %



ELEMENT

DUT: BCG-A3333; Type: Watch; Serial: KW2YC

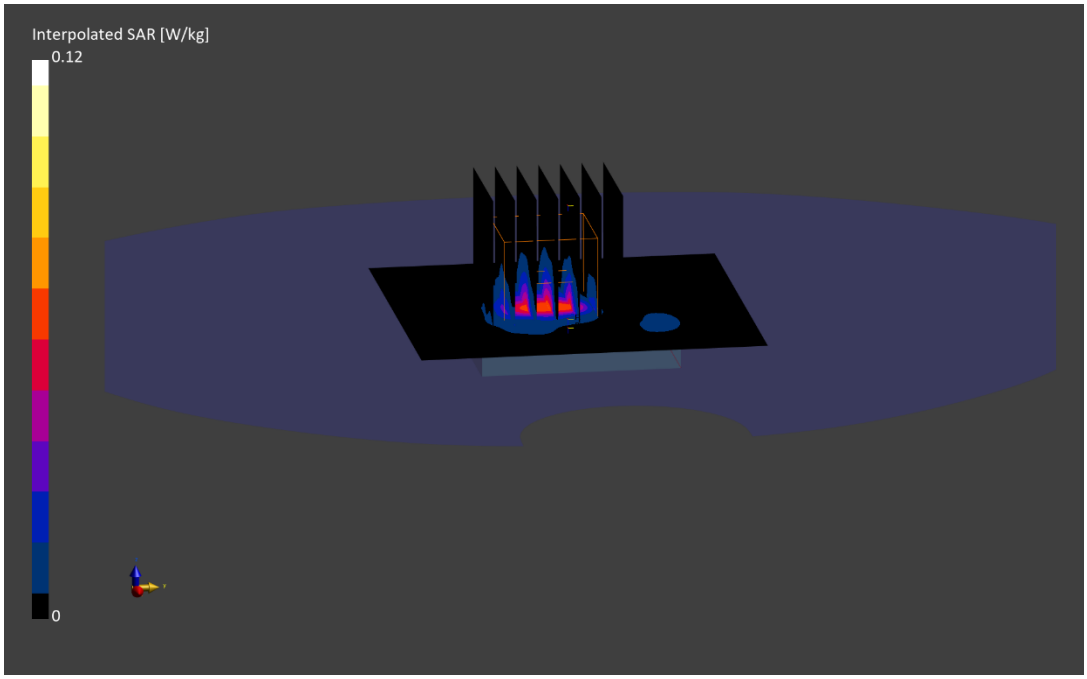
Communication System: UID:10032 - CAA, Bluetooth; MAIA: Y; Frequency: 2480.0 MHz
Medium: 2450 Head; Medium parameters used:
f = 2480.0 MHz; cond = 1.84 S/m; perm = 39.7; density = 1000 kg/m^3
Phantom Section: Flat; Space: 0.00 mm

Test Date: 06/16/2025; Ambient Temp: 22.1°C; Tissue Temp: 22.0°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| Back Side, Ch. 78, 1 Mbps Aluminum, Metal Links Wristband

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 31.2): Measurement grid: dx=5.0 mm, dy=5.0 mm, dz=1.5 mm; Graded Ratio: 1.5
Reference Value = 0.11 W/kg; Power Drift = 0.00 dB
Peak SAR (extrapolated) = 0.120 W/kg
SAR(10 g) = 0.019 W/kg
Smallest distance from peaks to all points 3 dB below is 7.1 mm
Ratio of SAR at M2 to SAR at M1 = 76.8 %



ELEMENT

DUT: BCG-A3333; Type: Watch; Serial: 90NVJ

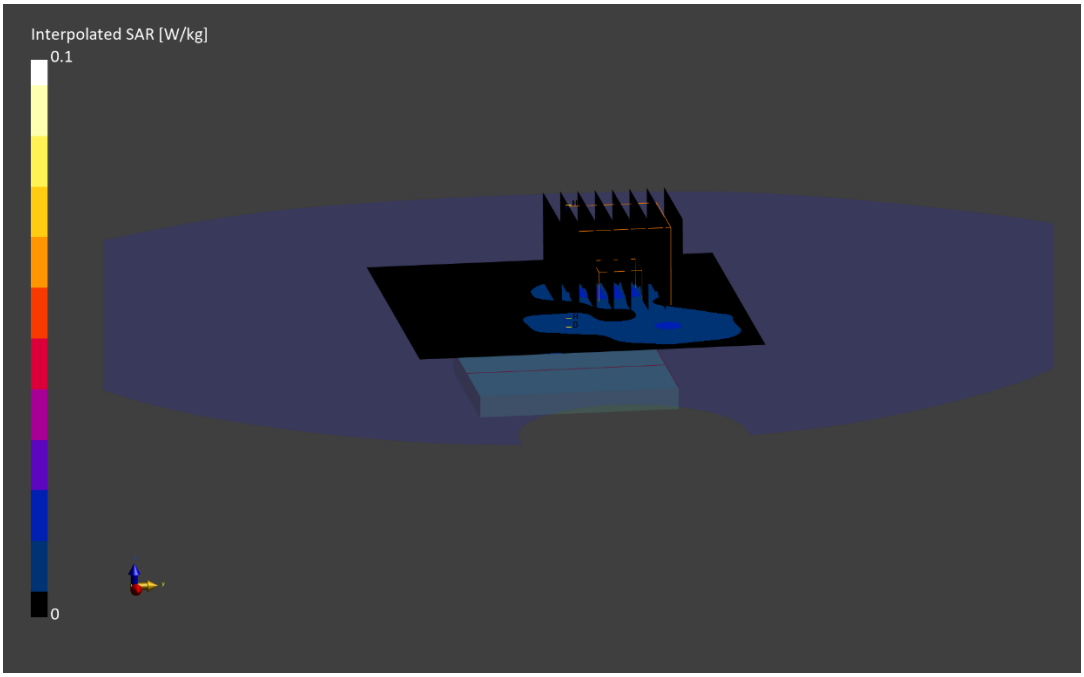
Communication System: UID:0 - -, CW; MAIA: Y; Frequency: 5846.3 MHz
Medium: 5200-5850 Head; Medium parameters used:
f = 5846.3 MHz; cond = 5.34 S/m; perm = 35.4; density = 1000 kg/m^3
Phantom Section: Flat; Space: 10.00 mm

Test Date: 06/27/2025; Ambient Temp: 20.8°C; Tissue Temp: 19.2°C

Probe: EX3DV4 - SN7499; ConvF:(4.9,5.02,5.19); Calibrated: 2025-01-14
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1465; Calibrated: 2025-01-08
Phantom: Twin-SAM V8.0; Serial: 2070
Measurement SW: DASY Module SAR V16.4.0.5005

Mode: 802.15.4 ab-NB, Exp: Head| Front Side, Ch. High, 1 Mbps Aluminum, Metal Loop Wristband

Area Scan (80.0 x 80.0): Measurement grid: dx=10.0 mm, dy=10.0 mm
Zoom Scan (28.0 x 28.0 x 22.9): Measurement grid: dx=4.0 mm, dy=4.0 mm, dz=1.4 mm; Graded Ratio: 1.4
Reference Value = 0.00 W/kg; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 0.073 W/kg
SAR(1 g) = 0.015 W/kg
Smallest distance from peaks to all points 3 dB below is 5.7 mm
Ratio of SAR at M2 to SAR at M1 = 50.5 %



ELEMENT

DUT: BCG-A3333; Type: Watch; Serial: 90NVJ

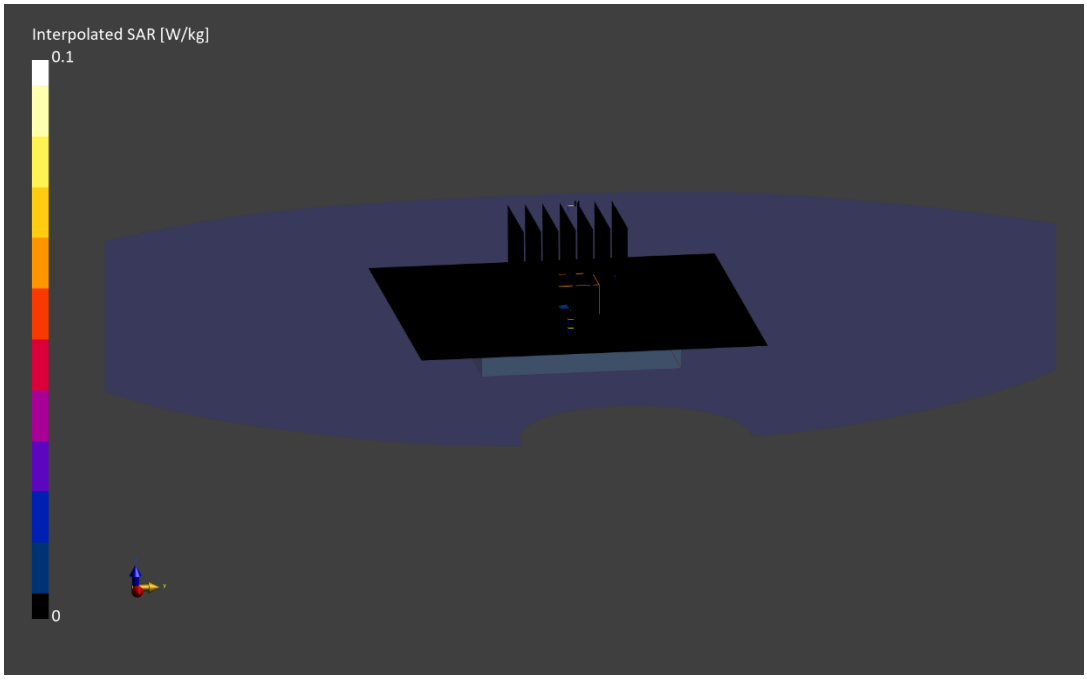
Communication System: UID:0 - -, CW; MAIA: Y; Frequency: 5846.3 MHz
Medium: 5200-5850 Head; Medium parameters used:
f = 5846.3 MHz; cond = 5.34 S/m; perm = 35.4; density = 1000 kg/m^3
Phantom Section: Flat; Space: 0.00 mm

Test Date: 06/27/2025; Ambient Temp: 20.8°C; Tissue Temp: 19.2°C

Probe: EX3DV4 - SN7499; ConvF:(4.9,5.02,5.19); Calibrated: 2025-01-14
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1465; Calibrated: 2025-01-08
Phantom: Twin-SAM V8.0; Serial: 2070
Measurement SW: DASY Module SAR V16.4.0.5005

Mode: 802.15.4 ab-NB, Exp: Extremity| Back Side, Ch. High, 1 Mbps Aluminum, Sport Wristband

Area Scan (80.0 x 80.0): Measurement grid: dx=10.0 mm, dy=10.0 mm
Zoom Scan (24.0 x 24.0 x 22.9): Measurement grid: dx=4.0 mm, dy=4.0 mm, dz=1.4 mm; Graded Ratio: 1.4
Reference Value = 0.01 W/kg; Power Drift = 0.08 dB
Peak SAR (extrapolated) = 0.092 W/kg
SAR(10 g) = 0 W/kg
Smallest distance from peaks to all points 3 dB below is 1.6 mm
Ratio of SAR at M2 to SAR at M1 = 50.7 %



ELEMENT

DUT: BCG-A3333; Type: Watch; Serial: TDY2T

Communication System: UID:0 - -, CW; MAIA: Y; Frequency: 13.6 MHz
Medium: 30 Head; Medium parameters used:
f = 13.6 MHz; cond = 0.744 S/m; perm = 52.5; density = 1000 kg/m^3
Phantom Section: Flat; Space: 0.00 mm

Test Date: 07/07/2025; Ambient Temp: 21.6°C; Tissue Temp: 23.2°C

Probe: EX3DV4 - SN3746; ConvF:(15.27,15.58,17.13); Calibrated: 2024-10-15
Sensor-Surface: 1.4mm (All points)
Electronics: DAE4 Sn1237; Calibrated: 2024-10-10
Phantom: ELI V6.0; Serial: 2003
Measurement SW: DASY Module SAR V16.4.0.5005

Mode: NFC, Exp: Extremity| Back Side
Aluminum, Sport Wristband

Area Scan (105.0 x 135.0): Measurement grid: dx=15.0 mm, dy=15.0 mm
Zoom Scan (54.0 x 54.0 x 31.2): Measurement grid: dx=6.0 mm, dy=6.0 mm, dz=1.5 mm; Graded Ratio: 1.5
Reference Value = 0.00 W/kg; Power Drift = 0.05 dB
Peak SAR (extrapolated) = 0.021 W/kg
SAR(10 g) = 0 W/kg
Smallest distance from peaks to all points 3 dB below is 3.6 mm
Ratio of SAR at M2 to SAR at M1 = 65.0 %