

APPENDIX A: SAR TEST PLOTS

ELEMENT

DUT: BCG-A3003; Type: Watch; Serial: JQG4N

Communication System: UID:10011 - CAC, WCDMA; MAIA: Y; Frequency: 826.4 MHz

Medium: 835 Head; Medium parameters used:

$f = 826.4$ MHz; $\text{cond} = 0.894$ S/m; $\text{perm} = 41.4$; $\text{density} = 1000$ kg/m³

Phantom Section: Flat; Space: 10.00 mm

Test Date: 06/21/2024; Ambient Temp: 20.4°C; Tissue Temp: 21.0°C

Probe: EX3DV4 - SN7668; ConvF:(9.05,9.05,9.05); Calibrated: 2023-08-10

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

Electronics: DAE4 Sn1681; Calibrated: 2023-09-12

Phantom: Twin-SAM V5.0; Serial: 1692

Measurement SW: DASY Module SAR V16.2.4.2524

**Mode: UMTS 850, Exp: Head| Front Side, Ch. Low,
Titanium, Metal Links Wristband**

Area Scan (90.0 x 90.0): Measurement grid: $dx=15.0$ mm, $dy=15.0$ mm

Zoom Scan (32.0 x 32.0 x 30.0): Measurement grid: $dx=4.0$ mm, $dy=4.0$ mm, $dz=1.5$ mm; Graded Ratio: 1.5

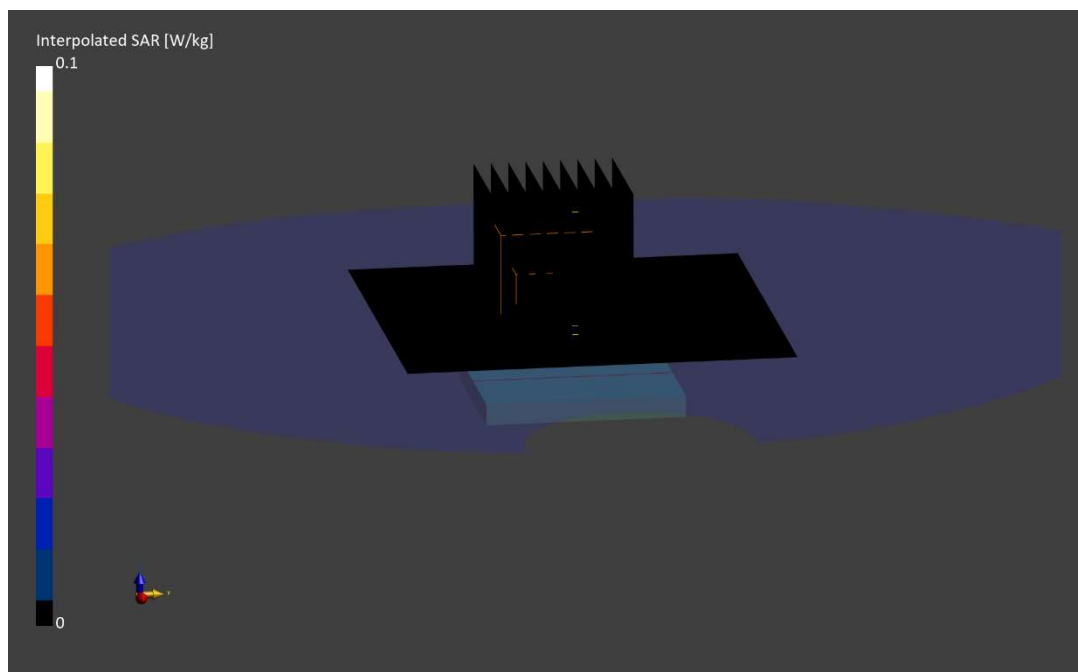
Reference Value = 0.00 W/kg; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.004 W/kg

SAR(1 g) = 0.002 W/kg

Smallest distance from peaks to all points 3 dB below is N/A

Ratio of SAR at M2 to SAR at M1 = 78.5 %



ELEMENT

DUT: BCG-A3003; Type: Watch; Serial: X9XGQ

Communication System: UID:10011 - CAC, WCDMA; MAIA: Y; Frequency: 1752.6 MHz

Medium: 1750 Head; Medium parameters used:

$f = 1752.6$ MHz; $\text{cond} = 1.37$ S/m; $\text{perm} = 38.5$; $\text{density} = 1000$ kg/m³

Phantom Section: Flat; Space: 10.00 mm

Test Date: 07/03/2024; Ambient Temp: 20.3°C; Tissue Temp: 19.5°C

Probe: EX3DV4 - SN7546; ConvF:(8.34,7.55,8.26); 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: UMTS 1750, Exp: Head| Front Side, Ch. High,
Aluminum, Metal Links Wristband**

Area Scan (90.0 x 90.0): Measurement grid: $dx=15.0$ mm, $dy=15.0$ mm

Zoom Scan (30.0 x 30.0 x 30.0): Measurement grid: $dx=6.0$ mm, $dy=6.0$ mm, $dz=1.5$ mm; Graded Ratio: 1.5

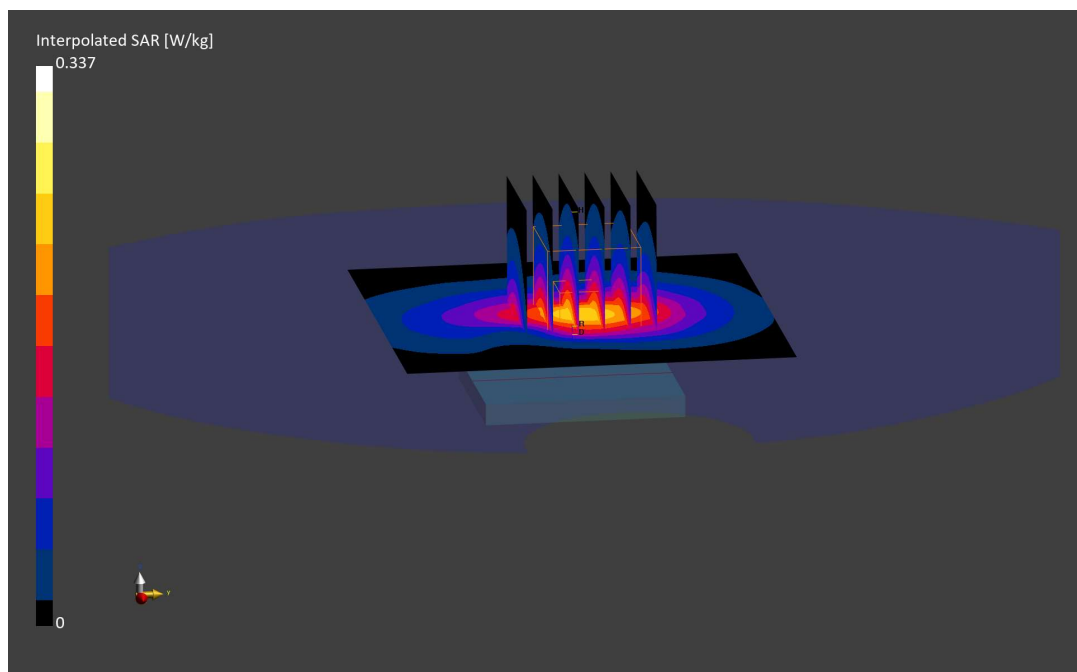
Reference Value = 0.21 W/kg; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 0.337 W/kg

SAR(1 g) = 0.218 W/kg

Smallest distance from peaks to all points 3 dB below is 16.2 mm

Ratio of SAR at M2 to SAR at M1 = 85.6 %



ELEMENT

DUT: BCG-A3003; Type: Watch; Serial: M5YHT

Communication System: UID:10011 - CAC, WCDMA; MAIA: Y; Frequency: 1907.6 MHz

Medium: 1900 Head; Medium parameters used:

$f = 1907.6$ MHz; $\text{cond} = 1.45$ S/m; $\text{perm} = 38.1$; $\text{density} = 1000$ kg/m³

Phantom Section: Flat; Space: 10.00 mm

Test Date: 07/08/2024; Ambient Temp: 22.6°C; Tissue Temp: 21.3°C

Probe: EX3DV4 - SN7639; ConvF:(8.53,8.53,8.53); Calibrated: 2023-11-09

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

Electronics: DAE4 Sn1403; Calibrated: 2023-11-14

Phantom: Twin-SAM V8.0; Serial: 2034

Measurement SW: DASY Module SAR V16.2.4.2524

**Mode: UMTS 1900, Exp: Head| Front Side, Ch. High,
Titanium, Metal Loop Wristband**

Area Scan (90.0 x 90.0): Measurement grid: $dx=15.0$ mm, $dy=15.0$ mm

Zoom Scan (30.0 x 30.0 x 30.0): Measurement grid: $dx=6.0$ mm, $dy=6.0$ mm, $dz=1.5$ mm; Graded Ratio: 1.5

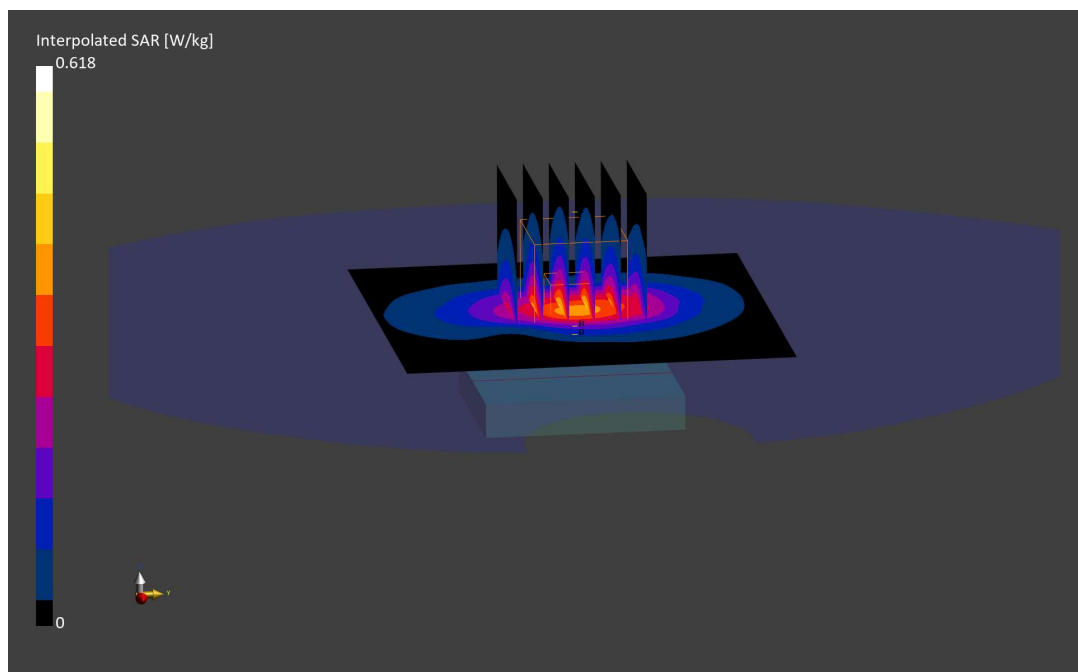
Reference Value = 0.40 W/kg; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.618 W/kg

SAR(1 g) = 0.376 W/kg

Smallest distance from peaks to all points 3 dB below is 11.4 mm

Ratio of SAR at M2 to SAR at M1 = 85.3 %



ELEMENT

DUT: BCG-A3003; Type: Watch; Serial: Q7MP9

Communication System: UID:10175 - CAG, LTE-FDD; MAIA: Y; Frequency: 707.5 MHz

Medium: 750 Head; Medium parameters used:

$f = 707.5 \text{ MHz}$; $\text{cond} = 0.855 \text{ S/m}$; $\text{perm} = 41.5$; $\text{density} = 1000 \text{ kg/m}^3$

Phantom Section: Flat; Space: 10.00 mm

Test Date: 06/18/2024; Ambient Temp: 21.5°C; Tissue Temp: 21.0°C

Probe: EX3DV4 - SN3949; ConvF:(10.55,10.55,10.55); Calibrated: 2023-10-02

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

Electronics: DAE4 Sn1684; Calibrated: 2023-09-12

Phantom: Twin-SAM V8.0; Serial: 1736

Measurement SW: DASY Module SAR V16.2.4.2524

**Mode: LTE Band 12, Exp: Head| Front Side, Ch. Mid,
10 MHz Bandwidth, QPSK, 1 RB, 0 RB Offset,
Aluminum, Metal Links Wristband**

Area Scan (90.0 x 90.0): Measurement grid: $dx=15.0 \text{ mm}$, $dy=15.0 \text{ mm}$

Zoom Scan (30.0 x 30.0 x 30.0): Measurement grid: $dx=6.0 \text{ mm}$, $dy=6.0 \text{ mm}$, $dz=1.5 \text{ mm}$; Graded Ratio: 1.5

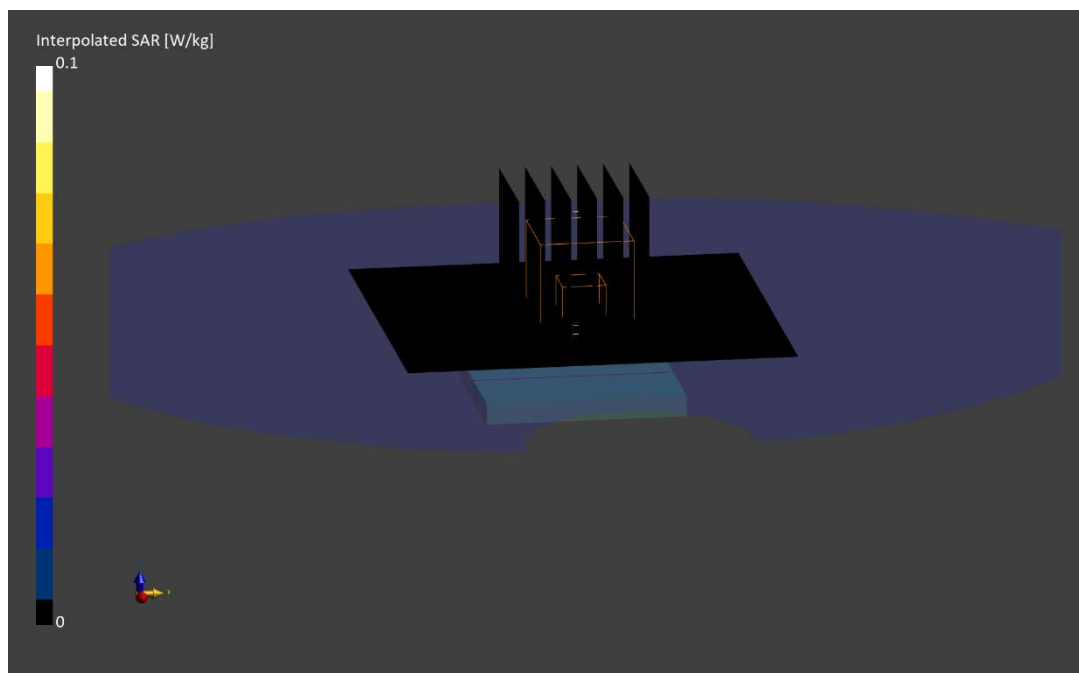
Reference Value = 0.00 W/kg; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 0.007 W/kg

SAR(1 g) = 0.005 W/kg

Smallest distance from peaks to all points 3 dB below is 15.6 mm

Ratio of SAR at M2 to SAR at M1 = 96.5 %



ELEMENT

DUT: BCG-A3003; Type: Watch; Serial: H0FTG

Communication System: UID:10175 - CAG, LTE-FDD; MAIA: Y; Frequency: 782.0 MHz

Medium: 750 Head; Medium parameters used:

$f = 782.0$ MHz; $\text{cond} = 0.927$ S/m; $\text{perm} = 40.4$; $\text{density} = 1000$ kg/m³

Phantom Section: Flat; Space: 10.00 mm

Test Date: 06/18/2024; Ambient Temp: 21.5°C; Tissue Temp: 21.0°C

Probe: EX3DV4 - SN3949; ConvF:(10.55,10.55,10.55); Calibrated: 2023-10-02

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

Electronics: DAE4 Sn1684; Calibrated: 2023-09-12

Phantom: Twin-SAM V8.0; Serial: 1736

Measurement SW: DASY Module SAR V16.2.4.2524

**Mode: LTE Band 13, Exp: Head| Front Side, Ch. Mid,
10 MHz Bandwidth, QPSK, 1 RB, 49 RB Offset,
Aluminum, Metal Links Wristband**

Area Scan (90.0 x 90.0): Measurement grid: $dx=15.0$ mm, $dy=15.0$ mm

Zoom Scan (30.0 x 30.0 x 30.0): Measurement grid: $dx=6.0$ mm, $dy=6.0$ mm, $dz=1.5$ mm; Graded Ratio: 1.5

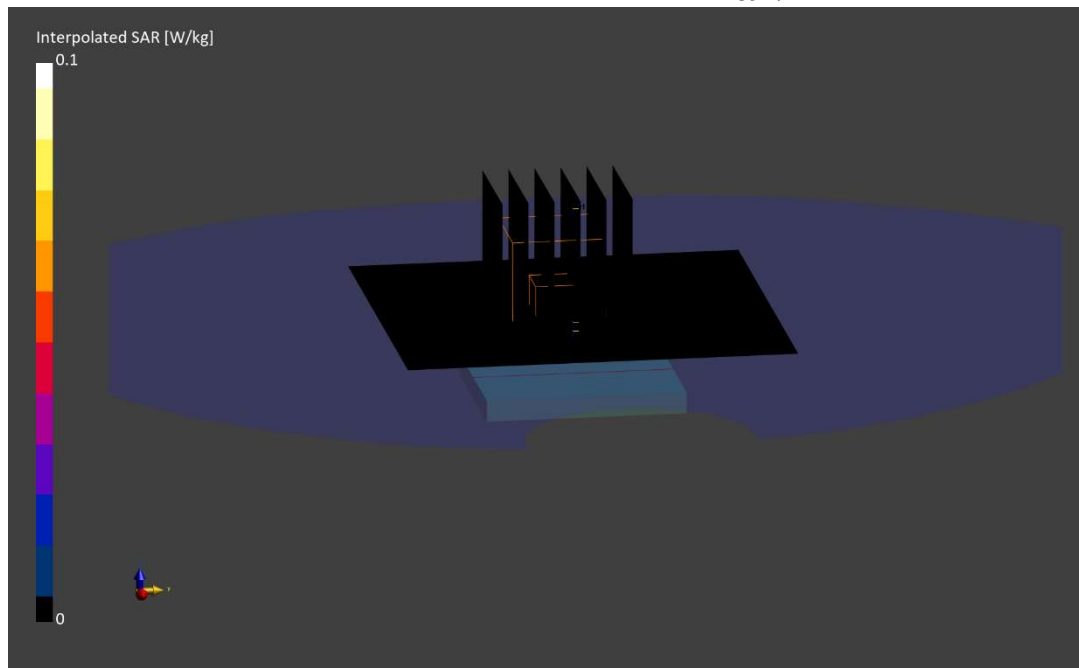
Reference Value = 0.01 W/kg; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 0.007 W/kg

SAR(1 g) = 0.005 W/kg

Smallest distance from peaks to all points 3 dB below is 21.0 mm

Ratio of SAR at M2 to SAR at M1 = 89.7 %



ELEMENT

DUT: BCG-A3003; Type: Watch; Serial: 647GG

Communication System: UID:10175 - CAH, LTE-FDD; MAIA: Y; Frequency: 793.0 MHz

Medium: 750 Head; Medium parameters used:

$f = 793.0$ MHz; $\text{cond} = 0.889$ S/m; $\text{perm} = 42.0$; $\text{density} = 1000$ kg/m³

Phantom Section: Flat; Space: 10.00 mm

Test Date: 06/19/2024; Ambient Temp: 19.8°C; Tissue Temp: 19.0°C

Probe: EX3DV4 - SN7532; ConvF:(9.83,9.71,10.46); Calibrated: 2024-04-16

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

Electronics: DAE4 Sn501; Calibrated: 2024-04-09

Phantom: Twin-SAM V4.0; Serial: 1598

Measurement SW: DASY Module SAR V16.2.4.2524

**Mode: LTE Band 14, Exp: Head| Front Side, Ch. Mid,
10 MHz Bandwidth, QPSK, 1 RB, 25 RB Offset,
Aluminum, Metal Links Wristband**

Area Scan (90.0 x 90.0): Measurement grid: $dx=15.0$ mm, $dy=15.0$ mm

Zoom Scan (30.0 x 30.0 x 30.0): Measurement grid: $dx=6.0$ mm, $dy=6.0$ mm, $dz=1.5$ mm; Graded Ratio: 1.5

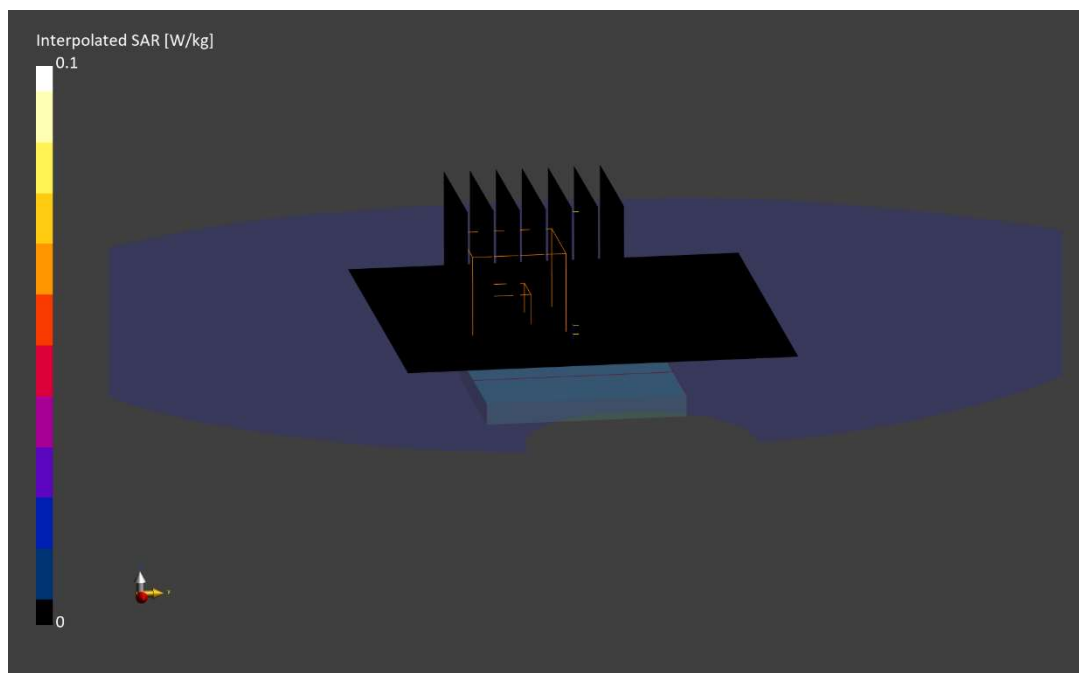
Reference Value = 0.00 W/kg; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 0.005 W/kg

SAR(1 g) = 0.003 W/kg

Smallest distance from peaks to all points 3 dB below is 6.0 mm

Ratio of SAR at M2 to SAR at M1 = 94.2 %



ELEMENT

DUT: BCG-A3003; Type: Watch; Serial: JQG4N

Communication System: UID:10175 - CAH, LTE-FDD; MAIA: Y; Frequency: 819.0 MHz

Medium: 835 Head; Medium parameters used:

$f = 819.0$ MHz; $\text{cond} = 0.892$ S/m; $\text{perm} = 41.9$; $\text{density} = 1000$ kg/m³

Phantom Section: Flat; Space: 10.00 mm

Test Date: 07/08/2024; Ambient Temp: 20.5°C; Tissue Temp: 19.8°C

Probe: EX3DV4 - SN7668; ConvF:(9.05,9.05,9.05); Calibrated: 2023-08-10

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

Electronics: DAE4 Sn1681; Calibrated: 2023-09-12

Phantom: Twin-SAM V5.0; Serial: 1692

Measurement SW: DASY Module SAR V16.2.4.2524

**Mode: LTE Band 26, Exp: Head| Front Side, Ch. Low,
10 MHz Bandwidth, QPSK, 1 RB, 49 RB Offset,
Titanium, Metal Loop Wristband**

Area Scan (90.0 x 90.0): Measurement grid: $dx=15.0$ mm, $dy=15.0$ mm

Zoom Scan (36.0 x 36.0 x 30.0): Measurement grid: $dx=4.5$ mm, $dy=4.5$ mm, $dz=1.5$ mm; Graded Ratio: 1.5

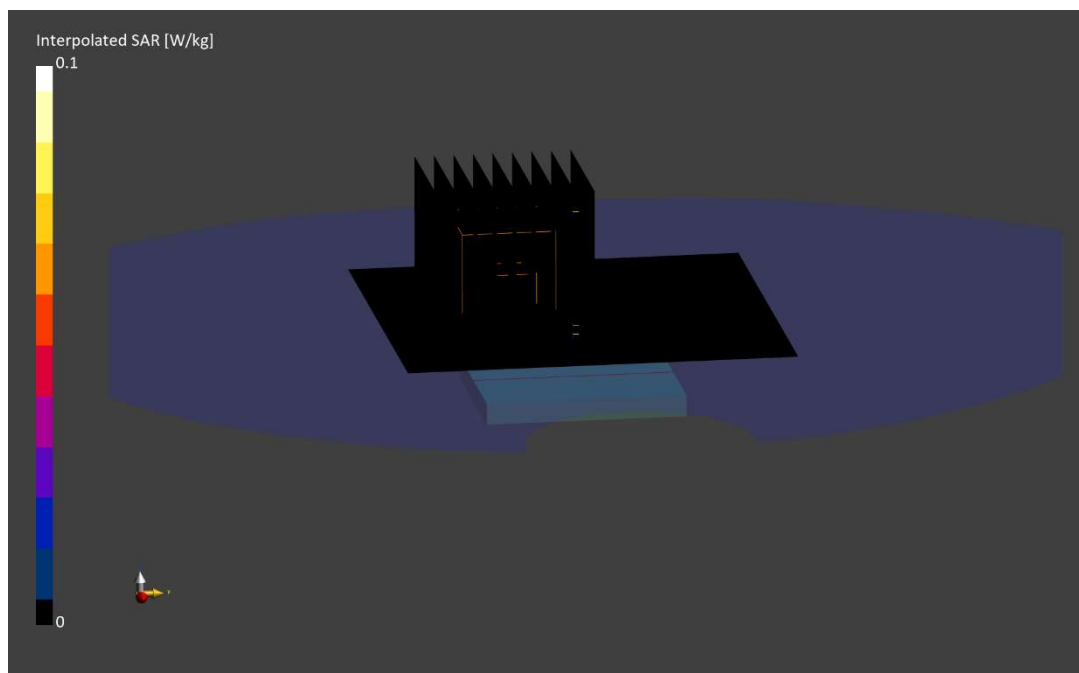
Reference Value = 0.00 W/kg; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.005 W/kg

SAR(1 g) = 0.003 W/kg

Smallest distance from peaks to all points 3 dB below is 10.1 mm

Ratio of SAR at M2 to SAR at M1 = 87.7 %



ELEMENT

DUT: BCG-A3003; Type: Watch; Serial: JQG4N

Communication System: UID:10175 - CAH, LTE-FDD; MAIA: Y; Frequency: 836.5 MHz

Medium: 835 Head; Medium parameters used:

$f = 836.5$ MHz; $\text{cond} = 0.910$ S/m; $\text{perm} = 41.2$; $\text{density} = 1000$ kg/m³

Phantom Section: Flat; Space: 10.00 mm

Test Date: 06/17/2024; Ambient Temp: 19.9°C; Tissue Temp: 19.1°C

Probe: EX3DV4 - SN7668; ConvF:(9.05,9.05,9.05); Calibrated: 2023-08-10

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

Electronics: DAE4 Sn1681; Calibrated: 2023-09-12

Phantom: Twin-SAM V5.0; Serial: 1692

Measurement SW: DASY Module SAR V16.2.4.2524

**Mode: LTE Band 5, Exp: Head| Front Side, Ch. Mid,
10 MHz Bandwidth, QPSK, 1 RB, 49 RB Offset,
Titanium Metal Loop Wristband**

Area Scan (90.0 x 90.0): Measurement grid: $dx=15.0$ mm, $dy=15.0$ mm

Zoom Scan (30.0 x 30.0 x 30.0): Measurement grid: $dx=6.0$ mm, $dy=6.0$ mm, $dz=1.5$ mm; Graded Ratio: 1.5

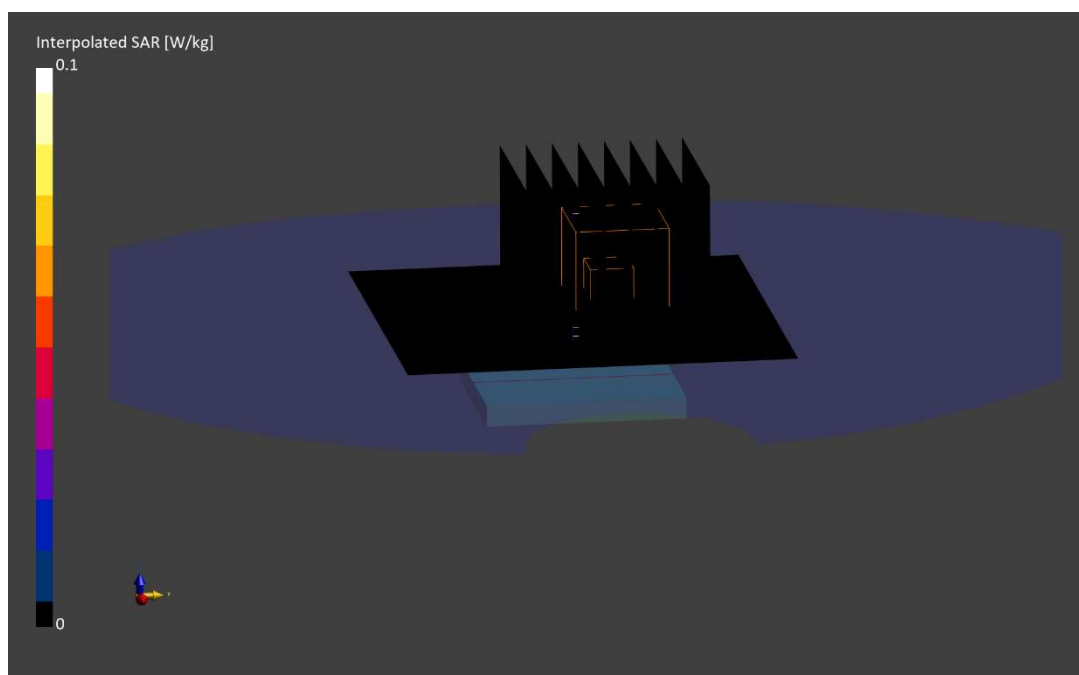
Reference Value = 0.00 W/kg; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 0.005 W/kg

SAR(1 g) = 0.003 W/kg

Smallest distance from peaks to all points 3 dB below is 11.9 mm

Ratio of SAR at M2 to SAR at M1 = 86.3 %



ELEMENT

DUT: BCG-A3003; Type: Watch; Serial: MF95K

Communication System: UID:10169 - CAF, LTE-FDD; MAIA: Y; Frequency: 1745.0 MHz

Medium: 1750 Head; Medium parameters used:

$f = 1745.0$ MHz; $\text{cond} = 1.41$ S/m; $\text{perm} = 38.2$; $\text{density} = 1000$ kg/m³

Phantom Section: Flat; Space: 10.00 mm

Test Date: 07/03/2024; Ambient Temp: 22.5°C; Tissue Temp: 21.0°C

Probe: EX3DV4 - SN7782; ConvF:(7.93,7.93,7.93); Calibrated: 2023-09-12

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

Electronics: DAE4 Sn1646; Calibrated: 2023-09-08

Phantom: Twin-SAM V8.0; Serial: 1944

Measurement SW: DASY Module SAR V16.2.4.2524

**Mode: LTE Band 66, Exp: Head| Front Side, Ch. Mid,
20 MHz Bandwidth, QPSK, 1 RB, 0 RB Offset,
Titanium, Metal Links Wristband**

Area Scan (90.0 x 90.0): Measurement grid: $dx=15.0$ mm, $dy=15.0$ mm

Zoom Scan (32.0 x 32.0 x 30.0): Measurement grid: $dx=4.0$ mm, $dy=4.0$ mm, $dz=1.5$ mm; Graded Ratio: 1.5

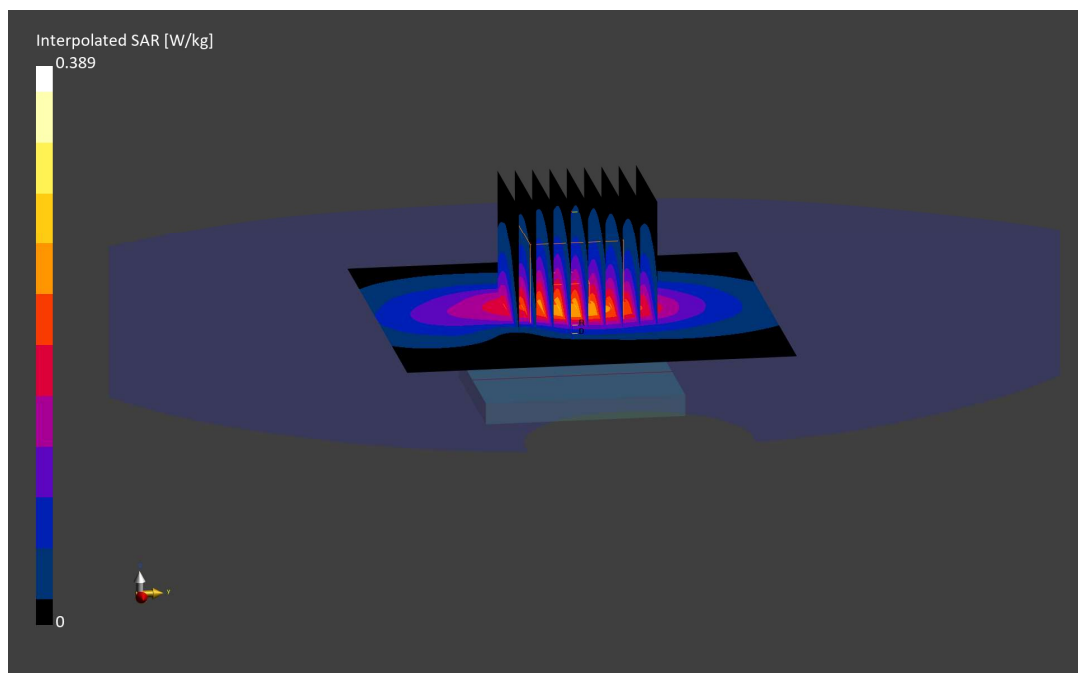
Reference Value = 0.22 W/kg; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.389 W/kg

SAR(1 g) = 0.233 W/kg

Smallest distance from peaks to all points 3 dB below is 12.2 mm

Ratio of SAR at M2 to SAR at M1 = 82.7 %



ELEMENT

DUT: BCG-A3003; Type: Watch; Serial: LKPWQ

Communication System: UID:10169 - CAF, LTE-FDD; MAIA: Y; Frequency: 1905.0 MHz

Medium: 1900 Head; Medium parameters used:

$f = 1905.0$ MHz; $\text{cond} = 1.45$ S/m; $\text{perm} = 39.1$; $\text{density} = 1000$ kg/m³

Phantom Section: Flat; Space: 10.00 mm

Test Date: 07/02/2024; Ambient Temp: 23.2°C; Tissue Temp: 21.3°C

Probe: EX3DV4 - SN7639; ConvF:(8.53,8.53,8.53); Calibrated: 2023-11-09

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

Electronics: DAE4 Sn1403; Calibrated: 2023-11-14

Phantom: Twin-SAM V8.0; Serial: 2034

Measurement SW: DASY Module SAR V16.2.4.2524

**Mode: LTE Band 25, Exp: Head| Front Side, Ch. High,
20 MHz Bandwidth, QPSK, 1 RB, 99 RB Offset,
Aluminum, Metal Loop Wristband**

Area Scan (90.0 x 90.0): Measurement grid: $dx=15.0$ mm, $dy=15.0$ mm

Zoom Scan (30.0 x 30.0 x 30.0): Measurement grid: $dx=6.0$ mm, $dy=6.0$ mm, $dz=1.5$ mm; Graded Ratio: 1.5

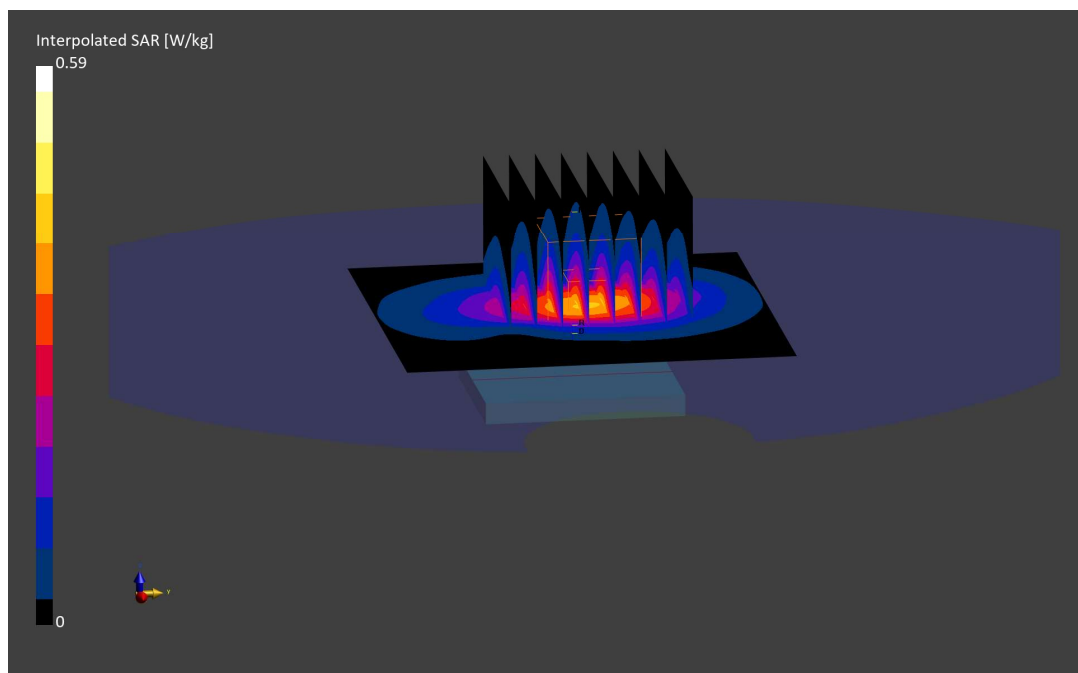
Reference Value = 0.34 W/kg; Power Drift = 0.10 dB

Peak SAR (extrapolated) = 0.590 W/kg

SAR(1 g) = 0.360 W/kg

Smallest distance from peaks to all points 3 dB below is 14.4 mm

Ratio of SAR at M2 to SAR at M1 = 84.7 %



ELEMENT

DUT: BCG-A3003; Type: Watch; Serial: 1Q3QL

Communication System: UID:10169 - CAF, LTE-FDD; MAIA: Y; Frequency: 2510.0 MHz

Medium: 2450 Head; Medium parameters used:

$f = 2510.0 \text{ MHz}$; $\text{cond} = 1.87 \text{ S/m}$; $\text{perm} = 37.9$; $\text{density} = 1000 \text{ kg/m}^3$

Phantom Section: Flat; Space: 10.00 mm

Test Date: 07/01/2024; Ambient Temp: 21.6°C; Tissue Temp: 22.9°C

Probe: EX3DV4 - SN7499; ConvF:(7.13,7.46,7.69); Calibrated: 2024-01-16

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

Electronics: DAE4 Sn1644; Calibrated: 2023-12-07

Phantom: Twin-SAM V8.0; Serial: 1357

Measurement SW: DASY Module SAR V16.2.4.2524

**Mode: LTE Band 7, Exp: Head| Front Side, Ch. Low,
20 MHz Bandwidth, QPSK, 1 RB, 0 RB Offset,
Titanium, Sport Wristband**

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

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

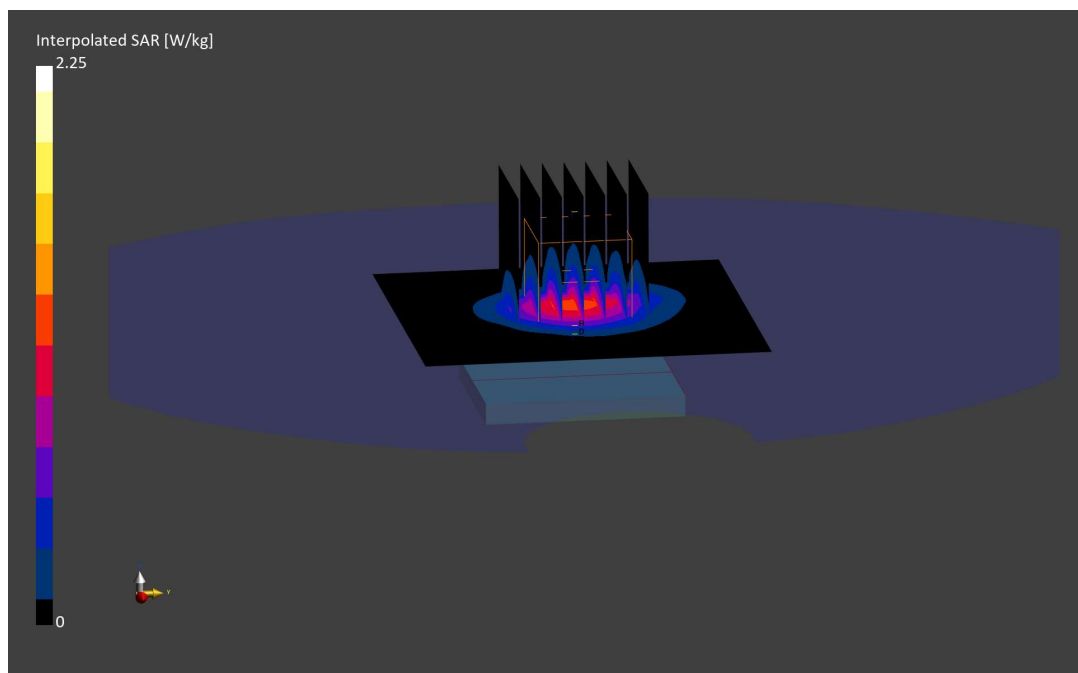
Reference Value = 1.12 W/kg; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 2.25 W/kg

SAR(1 g) = 1.05 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 = 76.2 %



ELEMENT

DUT: BCG-A3003; Type: Watch; Serial: 1Q3QL

Communication System: UID:10435 - AAG, LTE-TDD; MAIA: Y; Frequency: 2506.0 MHz

Medium: 2450 Head; Medium parameters used:

$f = 2506.0$ MHz; $\text{cond} = 1.84$ S/m; $\text{perm} = 39.1$; $\text{density} = 1000$ kg/m³

Phantom Section: Flat; Space: 10.00 mm

Test Date: 08/26/2024; Ambient Temp: 20.8°C; Tissue Temp: 24.5°C

Probe: EX3DV4 - SN7499; ConvF:(7.13,7.46,7.69); Calibrated: 2024-01-16

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

Electronics: DAE4 Sn1644; Calibrated: 2023-12-07

Phantom: Twin-SAM V8.0; Serial: 1357

Measurement SW: DASY Module SAR V16.2.4.2524

**Mode: LTE Band 41, Exp: Head| Front Side, Ch. Low,
20 MHz Bandwidth, QPSK, 1 RB, 50 RB Offset,
Titanium, 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 30.0): Measurement grid: $dx=5.0$ mm, $dy=5.0$ mm, $dz=1.5$ mm; Graded Ratio: 1.5

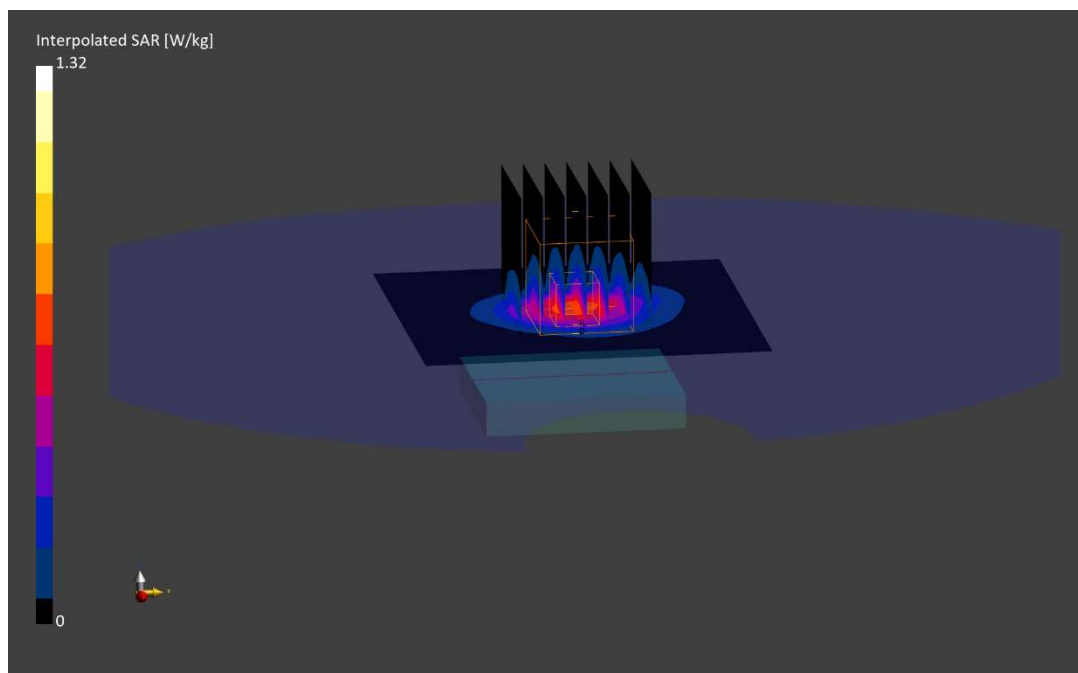
Reference Value = 0.88 W/kg; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 1.32 W/kg

SAR(1 g) = 0.626 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 = 76.8 %



ELEMENT

DUT: BCG-A3003; Type: Watch; Serial: P971H

Communication System: UID:10415 - AAA, WLAN; MAIA: Y; Frequency: 2437.0 MHz

Medium: 2450 Head; Medium parameters used:

$f = 2437.0 \text{ MHz}$; $\text{cond} = 1.84 \text{ S/m}$; $\text{perm} = 38.4$; $\text{density} = 1000 \text{ kg/m}^3$

Phantom Section: Flat; Space: 10.00 mm

Test Date: 07/03/2024; Ambient Temp: 22.2°C; Tissue Temp: 23.4°C

Probe: EX3DV4 - SN7499; ConvF:(7.13,7.46,7.69); Calibrated: 2024-01-16

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

Electronics: DAE4 Sn1644; Calibrated: 2023-12-07

Phantom: Twin-SAM V8.0; Serial: 1357

Measurement SW: DASY Module SAR V16.2.4.2524

**Mode: 2.4 GHz WIFI/ IEEE 802.11b, 22 MHz Bandwidth, Exp: Head|
Front Side, Ch. 6, 1Mbps, Titanium,
Sport Wristband**

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

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

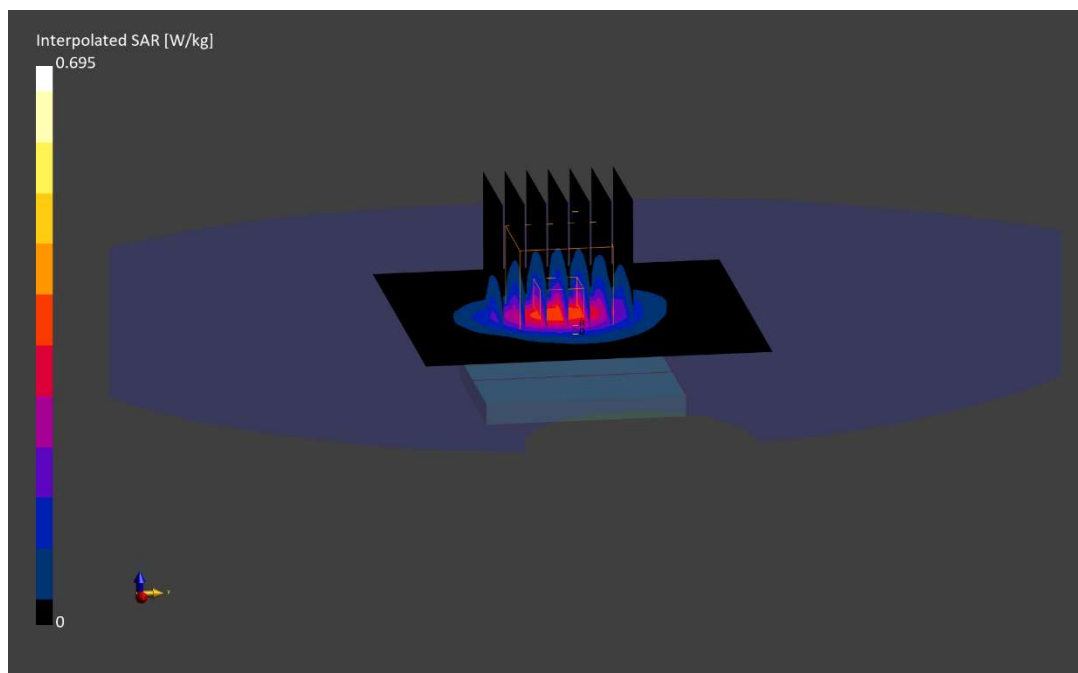
Reference Value = 0.39 W/kg; Power Drift = 0.00 dB

Peak SAR (extrapolated) = 0.694 W/kg

SAR(1 g) = 0.330 W/kg

Smallest distance from peaks to all points 3 dB below is 10.2 mm

Ratio of SAR at M2 to SAR at M1 = 76.2 %



ELEMENT

DUT: BCG-A3003; Type: Watch; Serial: 42QMC

Communication System: UID:10417 - AAD, WLAN; MAIA: Y; Frequency: 5620.0 MHz

Medium: 5200-5800 Head; Medium parameters used:

$f = 5620.0$ MHz; $\text{cond} = 4.95$ S/m; $\text{perm} = 34.1$; $\text{density} = 1000$ kg/m³

Phantom Section: Flat; Space: 10.00 mm

Test Date: 06/27/2024; Ambient Temp: 20.8°C; Tissue Temp: 19.8°C

Probe: EX3DV4 - SN7427; ConvF:(4.18,4.62,4.72); Calibrated: 2024-02-09

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

Electronics: DAE4 Sn467; Calibrated: 2024-02-09

Phantom: Twin-SAM V8.0; Serial: 2070

Measurement SW: DASY Module SAR V16.2.4.2524

**Mode: 5 GHz WIFI/ IEEE 802.11a, 20 MHz Bandwidth, U-NII-2C, Exp: Head|
Front Side, Ch. 124, 6.5 Mbps,
Aluminum, Metal Links Wristband**

Area Scan (80.0 x 80.0): 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

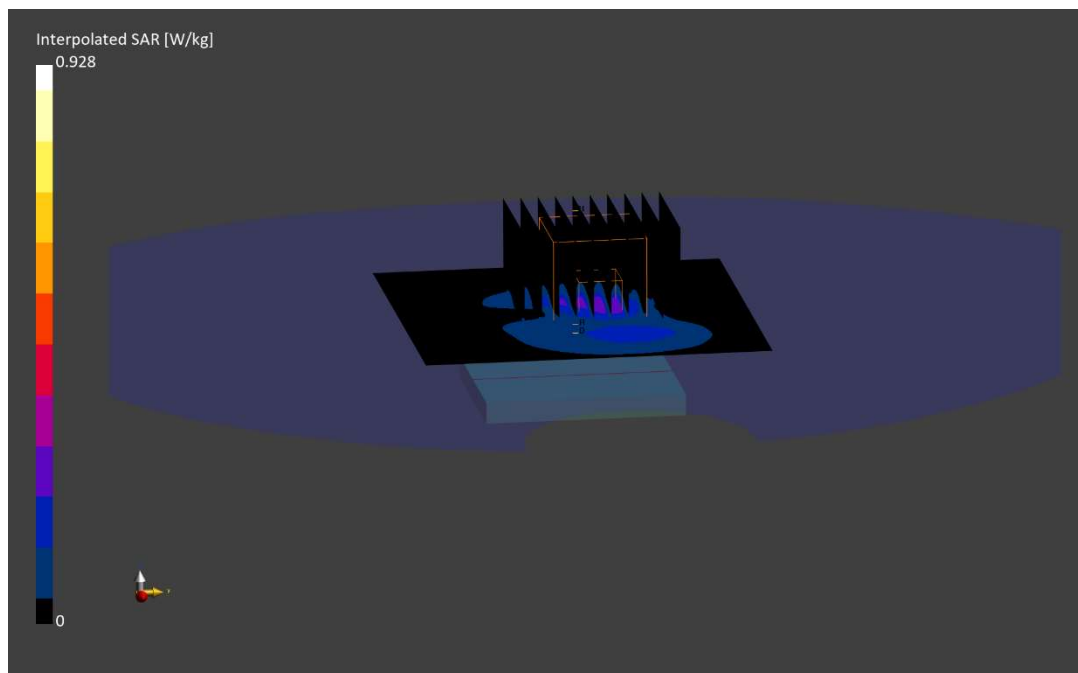
Reference Value = 0.14 W/kg; Power Drift = -0.18 dB

Peak SAR (extrapolated) = 0.928 W/kg

SAR(1 g) = 0.246 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 = 62.2 %



ELEMENT

DUT: BCG-A3003; Type: Watch; Serial: JGF76

Communication System: UID:10032 - CAA, Bluetooth; MAIA: Y; Frequency: 2402.000 MHz

Medium: 2450 Head; Medium parameters used:

$f = 2402.000$ MHz; $\text{cond} = 1.79$ S/m; $\text{perm} = 40.0$; $\text{density} = 1000$ kg/m³

Phantom Section: Flat; Space: 10.00 mm

Test Date: 07/29/2024; Ambient Temp: 21.1°C; Tissue Temp: 23.0°C

Probe: EX3DV4 - SN7682; ConvF:(7.87,7.72,8.18); Calibrated: 2024-05-13

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

Electronics: DAE4 Sn1683; Calibrated: 2024-05-08

Phantom: Twin-SAM V8.0; Serial: 1917

Measurement SW: DASY Module SAR V16.2.4.2524

**Mode: 2.4 GHz Bluetooth, Antenna FCM, Exp: Head| Front Side, Ch. 0, 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 30.0): Measurement grid: $dx=5.0$ mm, $dy=5.0$ mm, $dz=1.5$ mm; Graded Ratio: 1.5

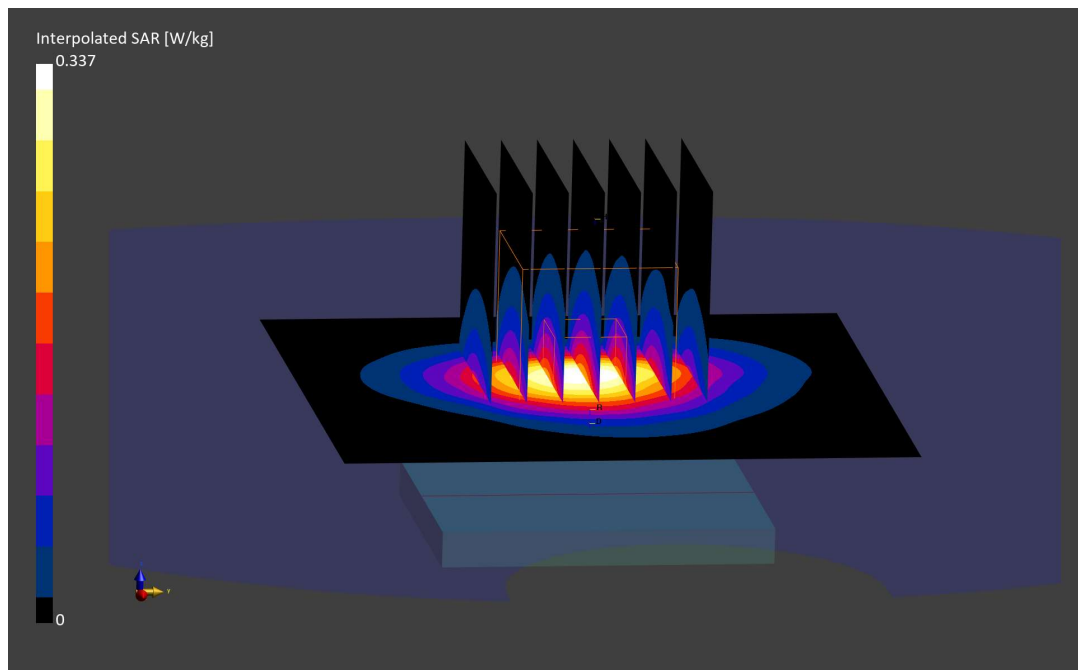
Reference Value = 0.17 W/kg; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.337 W/kg

SAR(1 g) = 0.185 W/kg

Smallest distance from peaks to all points 3 dB below is 12.0 mm

Ratio of SAR at M2 to SAR at M1 = 82.5 %



ELEMENT

DUT: BCG-A3003; Type: Watch; Serial: YW77G

Communication System: UID:0 - -, CW; MAIA: Y; Frequency: 5728.8 MHz

Medium: 5200-5800 Head; Medium parameters used:

$f = 5728.8 \text{ MHz}$; $\text{cond} = 5.16 \text{ S/m}$; $\text{perm} = 34.8$; $\text{density} = 1000 \text{ kg/m}^3$

Phantom Section: Flat; Space: 10.00 mm

Test Date: 06/17/2024; Ambient Temp: 21.2°C; Tissue Temp: 20.4°C

Probe: EX3DV4 - SN7427; ConvF:(4.35,4.78,4.93); Calibrated: 2024-02-09

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

Electronics: DAE4 Sn467; Calibrated: 2024-02-09

Phantom: Twin-SAM V8.0; Serial: 2070

Measurement SW: DASY Module SAR V16.2.4.2524

**Mode: 802.15.4 ab-NB, Exp: Head| Front Side, Ch. Low, 1 Mbps,
Aluminum, Sport Wristband**

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

Zoom Scan (22.0 x 22.0 x 22.0): Measurement grid: $dx=4.0 \text{ mm}$, $dy=4.0 \text{ mm}$, $dz=1.4 \text{ mm}$; Graded Ratio: 1.4

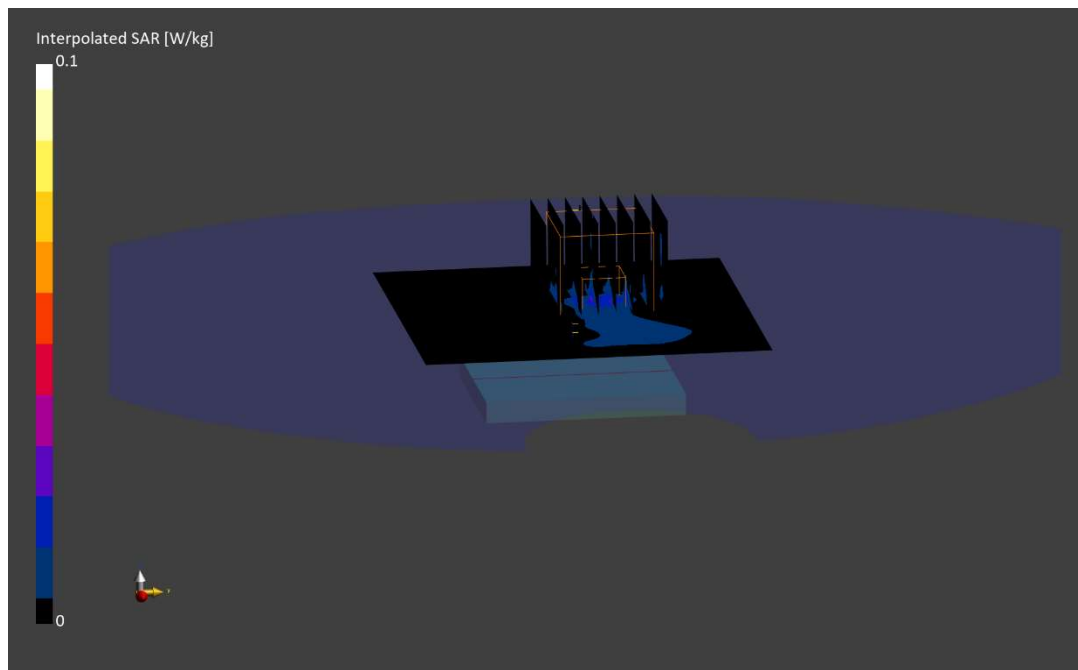
Reference Value = 0.01 W/kg; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 0.082 W/kg

SAR(1 g) = 0.021 W/kg

Smallest distance from peaks to all points 3 dB below is 7.2 mm

Ratio of SAR at M2 to SAR at M1 = 52.2 %



ELEMENT

DUT: BCG-A3003; Type: Watch; Serial: P971H

Communication System: UID:10011 - CAC, WCDMA; MAIA: Y; Frequency: 826.4 MHz

Medium: 835 Head; Medium parameters used:

$f = 826.4 \text{ MHz}$; $\text{cond} = 0.894 \text{ S/m}$; $\text{perm} = 42.2$; $\text{density} = 1000 \text{ kg/m}^3$

Phantom Section: Flat; Space: 0.00 mm

Test Date: 06/19/2024; Ambient Temp: 20.4°C; Tissue Temp: 21.5°C

Probe: EX3DV4 - SN7668; ConvF:(9.05,9.05,9.05); Calibrated: 2023-08-10

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

Electronics: DAE4 Sn1681; Calibrated: 2023-09-12

Phantom: Twin-SAM V5.0; Serial: 1692

Measurement SW: DASY Module SAR V16.2.4.2524

**Mode: UMTS 850, Exp: Extremity| Back Side, Ch. Low,
Titanium, Metal Links Wristband**

Area Scan (90.0 x 90.0): Measurement grid: $dx=15.0 \text{ mm}$, $dy=15.0 \text{ mm}$

Zoom Scan (32.0 x 32.0 x 30.0): Measurement grid: $dx=4.0 \text{ mm}$, $dy=4.0 \text{ mm}$, $dz=1.5 \text{ mm}$; Graded Ratio: 1.5

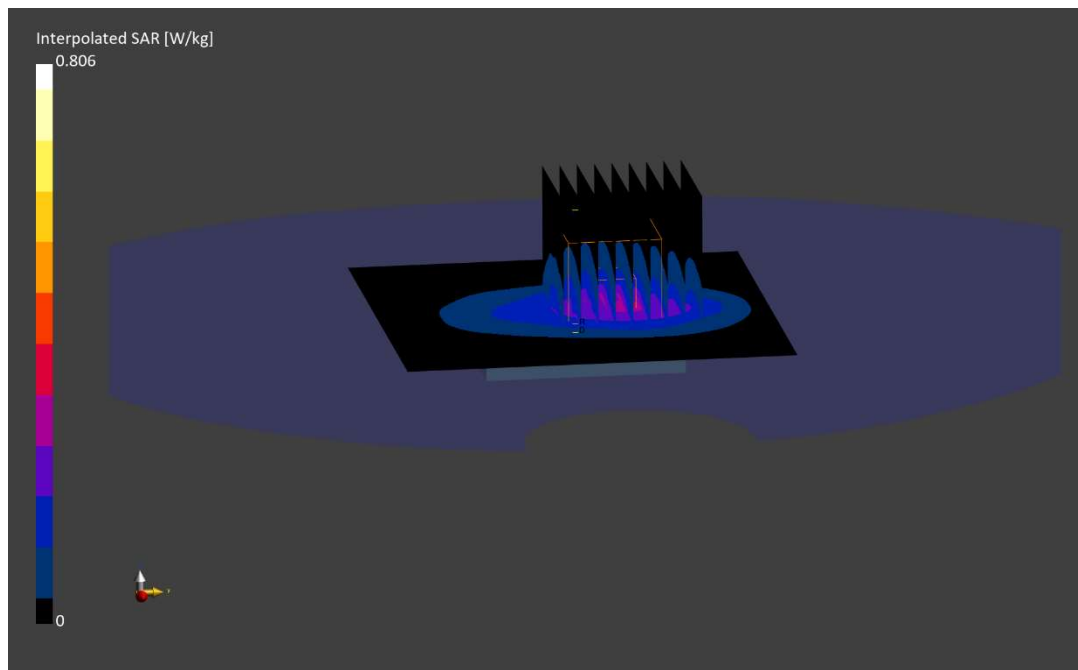
Reference Value = 0.19 W/kg; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 0.806 W/kg

SAR(10 g) = 0.154 W/kg

Smallest distance from peaks to all points 3 dB below is 9.1 mm

Ratio of SAR at M2 to SAR at M1 = 64.5 %



ELEMENT

DUT: BCG-A3003; Type: Watch; Serial: HCFFK

Communication System: UID:10011 - CAC, WCDMA; MAIA: Y; Frequency: 1732.4 MHz

Medium: 1750 Head; Medium parameters used:

$f = 1732.4 \text{ MHz}$; $\text{cond} = 1.35 \text{ S/m}$; $\text{perm} = 38.5$; $\text{density} = 1000 \text{ kg/m}^3$

Phantom Section: Flat; Space: 0.00 mm

Test Date: 07/03/2024; Ambient Temp: 20.3°C; Tissue Temp: 19.5°C

Probe: EX3DV4 - SN7546; ConvF:(8.34,7.55,8.26); 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: UMTS 1750, Exp: Extremity| Back Side, Ch. Mid,
Aluminum, Metal Links Wristband**

Area Scan (90.0 x 90.0): Measurement grid: $dx=15.0 \text{ mm}$, $dy=15.0 \text{ mm}$

Zoom Scan (30.0 x 30.0 x 30.0): Measurement grid: $dx=6.0 \text{ mm}$, $dy=6.0 \text{ mm}$, $dz=1.5 \text{ mm}$; Graded Ratio: 1.5

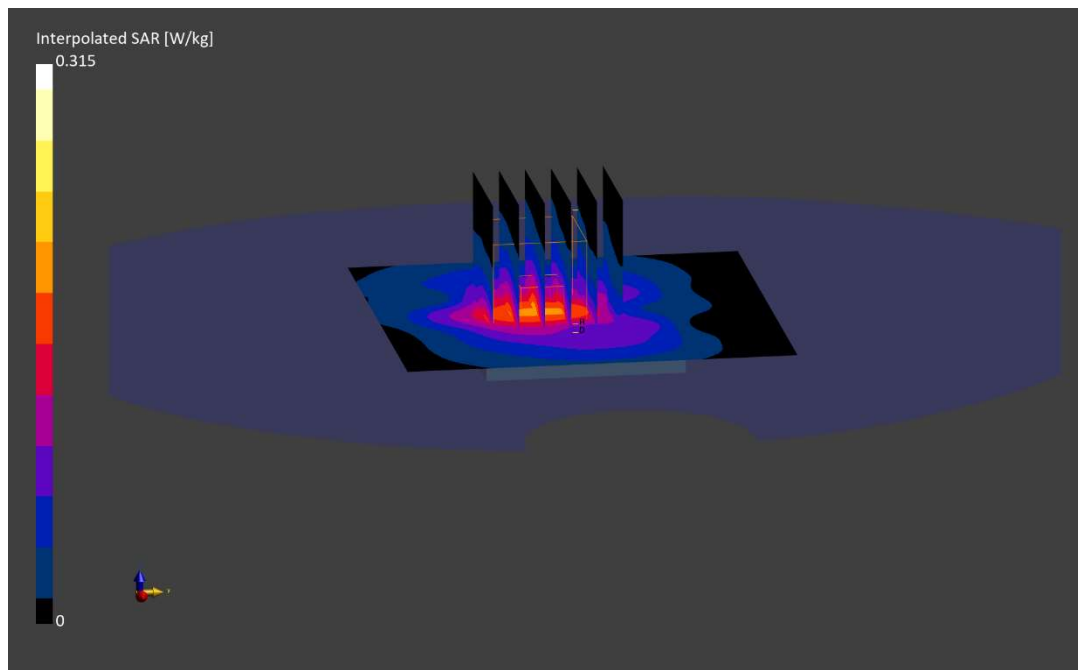
Reference Value = 0.17 W/kg; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 0.315 W/kg

SAR(10 g) = 0.099 W/kg

Smallest distance from peaks to all points 3 dB below is 9.6 mm

Ratio of SAR at M2 to SAR at M1 = 79.0 %



ELEMENT

DUT: BCG-A3003; Type: Watch; Serial: HF6NX

Communication System: UID:10011 - CAC, WCDMA; MAIA: Y; Frequency: 1852.4 MHz

Medium: 1900 Head; Medium parameters used:

$f = 1852.4 \text{ MHz}$; $\text{cond} = 1.39 \text{ S/m}$; $\text{perm} = 39.3$; $\text{density} = 1000 \text{ kg/m}^3$

Phantom Section: Flat; Space: 0.00 mm

Test Date: 07/02/2024; Ambient Temp: 23.2°C; Tissue Temp: 21.3°C

Probe: EX3DV4 - SN7639; ConvF:(8.53,8.53,8.53); Calibrated: 2023-11-09

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

Electronics: DAE4 Sn1403; Calibrated: 2023-11-14

Phantom: Twin-SAM V8.0; Serial: 2034

Measurement SW: DASY Module SAR V16.2.4.2524

**Mode: UMTS 1900, Exp: Extremity| Back Side, Ch. Low,
Aluminum, Sport Wristband**

Area Scan (90.0 x 90.0): Measurement grid: $dx=15.0 \text{ mm}$, $dy=15.0 \text{ mm}$

Zoom Scan (30.0 x 30.0 x 30.0): Measurement grid: $dx=5.6 \text{ mm}$, $dy=5.6 \text{ mm}$, $dz=1.5 \text{ mm}$; Graded Ratio: 1.5

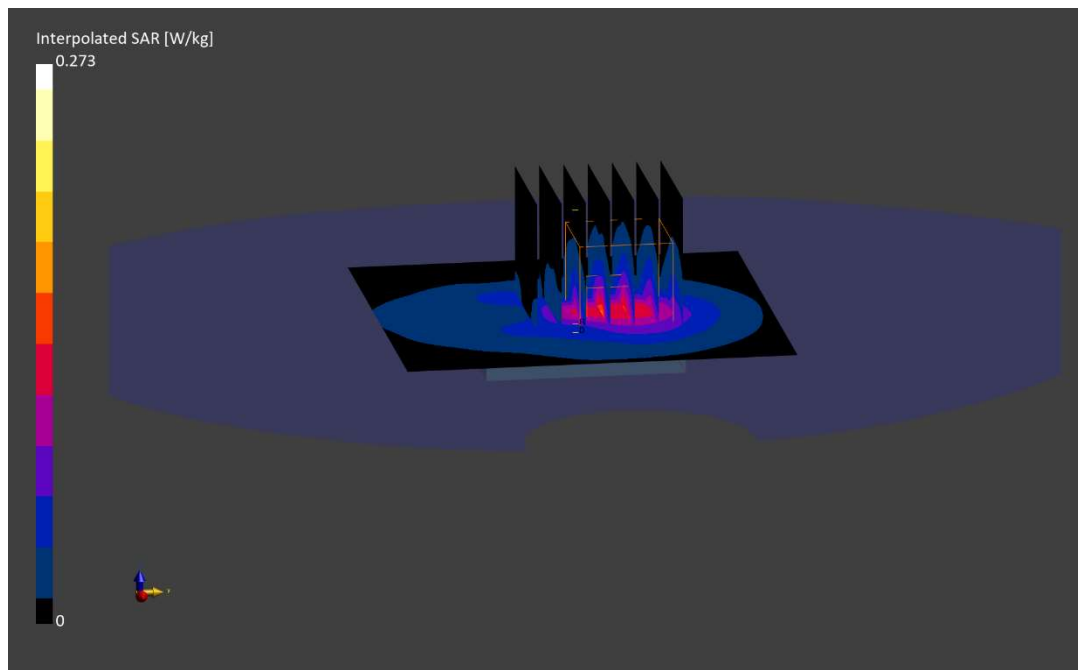
Reference Value = 0.14 W/kg; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 0.273 W/kg

SAR(10 g) = 0.068 W/kg

Smallest distance from peaks to all points 3 dB below is 8.8 mm

Ratio of SAR at M2 to SAR at M1 = 81.2 %



ELEMENT

DUT: BCG-A3003; Type: Watch; Serial: P971H

Communication System: UID:10175 - CAG, LTE-FDD; MAIA: Y; Frequency: 707.5 MHz

Medium: 750 Head; Medium parameters used:

$f = 707.5 \text{ MHz}$; $\text{cond} = 0.858 \text{ S/m}$; $\text{perm} = 42.4$; $\text{density} = 1000 \text{ kg/m}^3$

Phantom Section: Flat; Space: 0.00 mm

Test Date: 06/28/2024; Ambient Temp: 21.8°C; Tissue Temp: 23.2°C

Probe: EX3DV4 - SN3949; ConvF:(10.55,10.55,10.55); Calibrated: 2023-10-02

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

Electronics: DAE4 Sn1684; Calibrated: 2023-09-12

Phantom: Twin-SAM V8.0; Serial: 1736

Measurement SW: DASY Module SAR V16.2.4.2524

**Mode: LTE Band 12, Exp: Extremity| Back Side, Ch. Mid,
10 MHz Bandwidth, QPSK, 1 RB, 0 RB Offset,
Titanium, Metal Links Wristband**

Area Scan (90.0 x 90.0): Measurement grid: $dx=15.0 \text{ mm}$, $dy=15.0 \text{ mm}$

Zoom Scan (30.0 x 30.0 x 30.0): Measurement grid: $dx=6.0 \text{ mm}$, $dy=6.0 \text{ mm}$, $dz=1.5 \text{ mm}$; Graded Ratio: 1.5

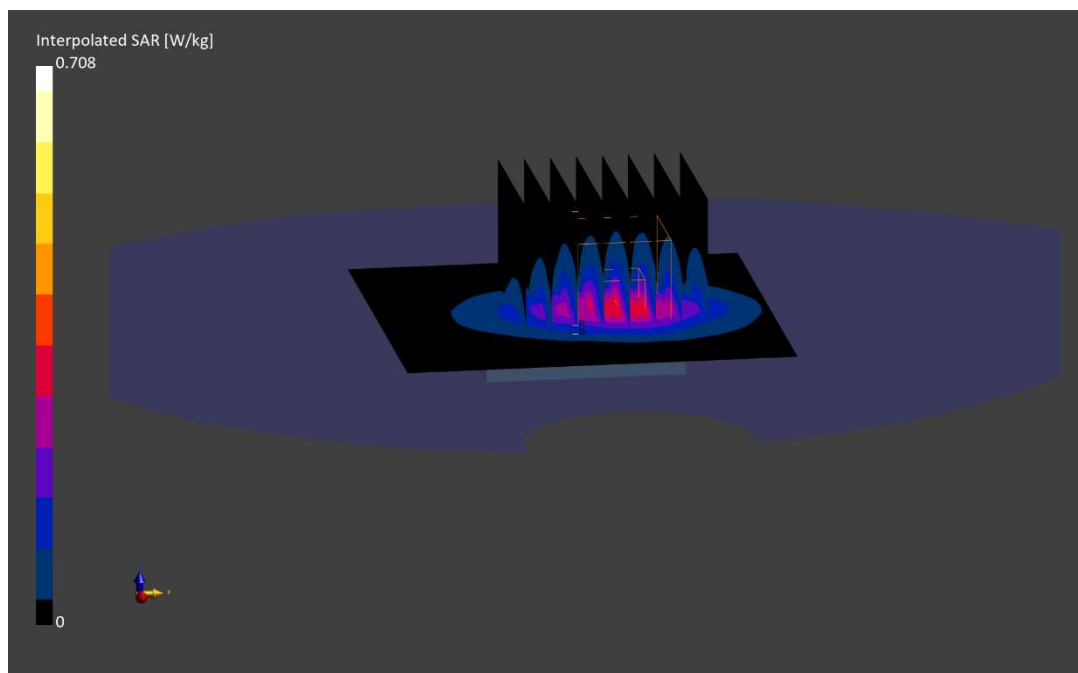
Reference Value = 0.25 W/kg; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 0.708 W/kg

SAR(10 g) = 0.170 W/kg

Smallest distance from peaks to all points 3 dB below is 11.4 mm

Ratio of SAR at M2 to SAR at M1 = 74.1 %



ELEMENT

DUT: BCG-A3003; Type: Watch; Serial: TFKWG

Communication System: UID:10175 - CAG, LTE-FDD; MAIA: Y; Frequency: 782.0 MHz

Medium: 750 Head; Medium parameters used:

$f = 782.0$ MHz; $\text{cond} = 0.927$ S/m; $\text{perm} = 40.4$; $\text{density} = 1000$ kg/m³

Phantom Section: Flat; Space: 0.00 mm

Test Date: 06/18/2024; Ambient Temp: 21.5°C; Tissue Temp: 21.0°C

Probe: EX3DV4 - SN3949; ConvF:(10.55,10.55,10.55); Calibrated: 2023-10-02

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

Electronics: DAE4 Sn1684; Calibrated: 2023-09-12

Phantom: Twin-SAM V8.0; Serial: 1736

Measurement SW: DASY Module SAR V16.2.4.2524

**Mode: LTE Band 13, Exp: Extremity| Back Side, Ch. Mid,
10 MHz Bandwidth, QPSK, 1 RB, 49 RB Offset,
Titanium, Metal Links Wristband**

Area Scan (90.0 x 90.0): Measurement grid: $dx=15.0$ mm, $dy=15.0$ mm

Zoom Scan (30.0 x 30.0 x 30.0): Measurement grid: $dx=6.0$ mm, $dy=6.0$ mm, $dz=1.5$ mm; Graded Ratio: 1.5

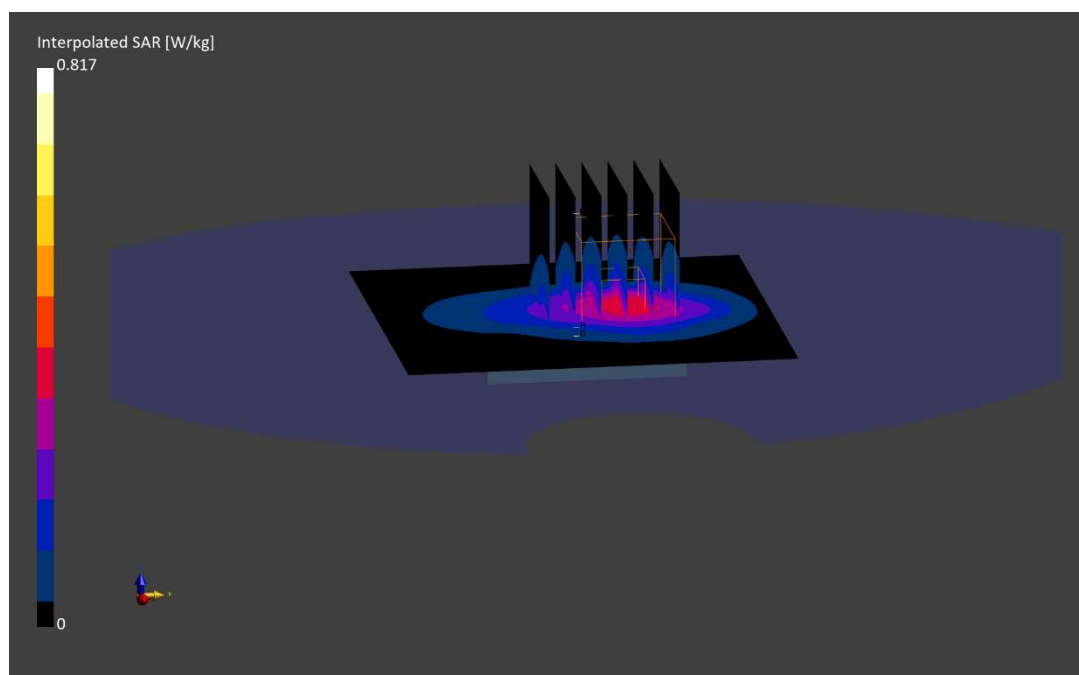
Reference Value = 0.27 W/kg; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 0.817 W/kg

SAR(10 g) = 0.190 W/kg

Smallest distance from peaks to all points 3 dB below is 10.3 mm

Ratio of SAR at M2 to SAR at M1 = 72.2 %



ELEMENT

DUT: BCG-A3003; Type: Watch; Serial: YW77G

Communication System: UID:10175 - CAG, LTE-FDD; MAIA: Y; Frequency: 793.0 MHz

Medium: 750 Head; Medium parameters used:

$f = 793.0$ MHz; $\text{cond} = 0.936$ S/m; $\text{perm} = 41.2$; $\text{density} = 1000$ kg/m³

Phantom Section: Flat; Space: 0.00 mm

Test Date: 06/28/2024; Ambient Temp: 21.8°C; Tissue Temp: 23.2°C

Probe: EX3DV4 - SN3949; ConvF:(10.55,10.55,10.55); Calibrated: 2023-10-02

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

Electronics: DAE4 Sn1684; Calibrated: 2023-09-12

Phantom: Twin-SAM V8.0; Serial: 1736

Measurement SW: DASY Module SAR V16.2.4.2524

**Mode: LTE Band 14, Exp: Extremity| Back Side, Ch. Mid,
10 MHz Bandwidth, QPSK, 1 RB, 25 RB Offset,
Aluminum, Metal Links Wristband**

Area Scan (90.0 x 90.0): Measurement grid: $dx=15.0$ mm, $dy=15.0$ mm

Zoom Scan (30.0 x 30.0 x 30.0): Measurement grid: $dx=6.0$ mm, $dy=6.0$ mm, $dz=1.5$ mm; Graded Ratio: 1.5

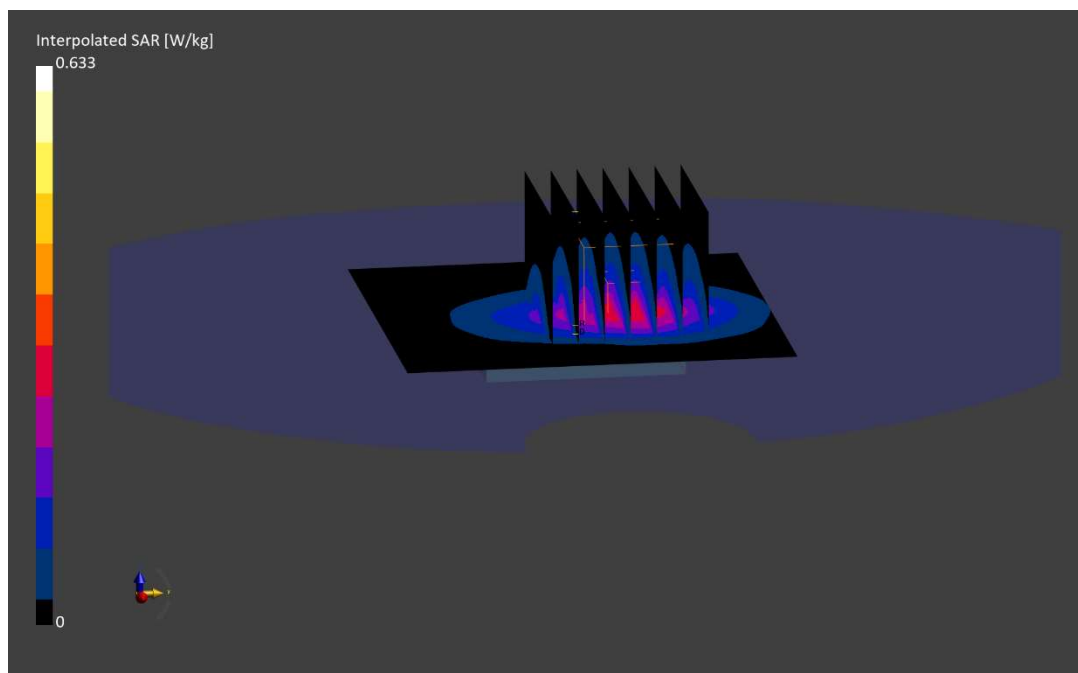
Reference Value = 0.20 W/kg; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.634 W/kg

SAR(10 g) = 0.153 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 = 70.7 %



ELEMENT

DUT: BCG-A3003; Type: Watch; Serial: JQG4N

Communication System: UID:10175 - CAH, LTE-FDD; MAIA: Y; Frequency: 844.0 MHz

Medium: 835 Head; Medium parameters used:

$f = 844.0$ MHz; $\text{cond} = 0.915$ S/m; $\text{perm} = 41.6$; $\text{density} = 1000$ kg/m³

Phantom Section: Flat; Space: 0.00 mm

Test Date: 07/08/2024; Ambient Temp: 20.5°C; Tissue Temp: 19.8°C

Probe: EX3DV4 - SN7668; ConvF:(9.05,9.05,9.05); Calibrated: 2023-08-10

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

Electronics: DAE4 Sn1681; Calibrated: 2023-09-12

Phantom: Twin-SAM V5.0; Serial: 1692

Measurement SW: DASY Module SAR V16.2.4.2524

**Mode: LTE Band 26, Exp: Extremity| Back Side, Ch. High,
10 MHz Bandwidth, QPSK, 1 RB, 0 RB Offset,
Titanium, Metal Links Wristband**

Area Scan (90.0 x 90.0): Measurement grid: $dx=15.0$ mm, $dy=15.0$ mm

Zoom Scan (36.0 x 36.0 x 30.0): Measurement grid: $dx=4.5$ mm, $dy=4.5$ mm, $dz=1.5$ mm; Graded Ratio: 1.5

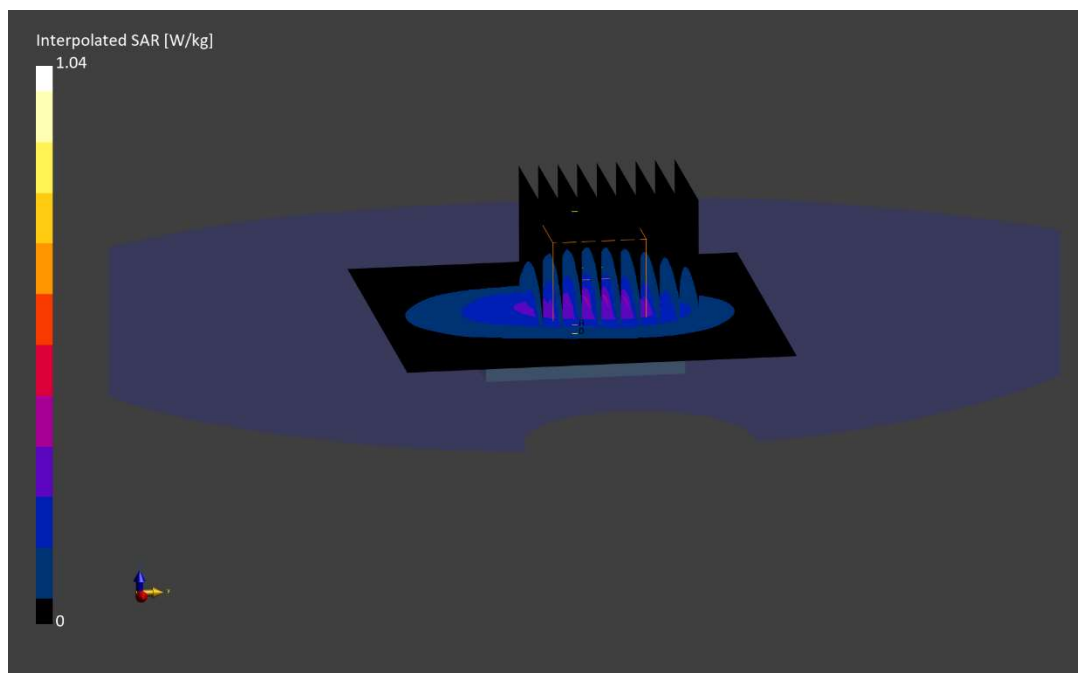
Reference Value = 0.23 W/kg; Power Drift = 0.00 dB

Peak SAR (extrapolated) = 1.04 W/kg

SAR(10 g) = 0.184 W/kg

Smallest distance from peaks to all points 3 dB below is 9.1 mm

Ratio of SAR at M2 to SAR at M1 = 63.0 %



ELEMENT

DUT: BCG-A3003; Type: Watch; Serial: P971H

Communication System: UID:10175 - CAH, LTE-FDD; MAIA: Y; Frequency: 836.5 MHz

Medium: 835 Head; Medium parameters used:

$f = 836.5 \text{ MHz}$; $\text{cond} = 0.910 \text{ S/m}$; $\text{perm} = 41.2$; $\text{density} = 1000 \text{ kg/m}^3$

Phantom Section: Flat; Space: 0.00 mm

Test Date: 06/17/2024; Ambient Temp: 19.9°C; Tissue Temp: 19.1°C

Probe: EX3DV4 - SN7668; ConvF:(9.05,9.05,9.05); Calibrated: 2023-08-10

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

Electronics: DAE4 Sn1681; Calibrated: 2023-09-12

Phantom: Twin-SAM V5.0; Serial: 1692

Measurement SW: DASY Module SAR V16.2.4.2524

**Mode: LTE Band 5, Exp: Extremity| Back Side, Ch. Mid,
10 MHz Bandwidth, QPSK, 1 RB, 49 RB Offset,
Titanium, Metal Links Wristband**

Area Scan (90.0 x 90.0): Measurement grid: $dx=15.0 \text{ mm}$, $dy=15.0 \text{ mm}$

Zoom Scan (30.0 x 30.0 x 30.0): Measurement grid: $dx=3.0 \text{ mm}$, $dy=3.0 \text{ mm}$, $dz=1.5 \text{ mm}$; Graded Ratio: 1.5

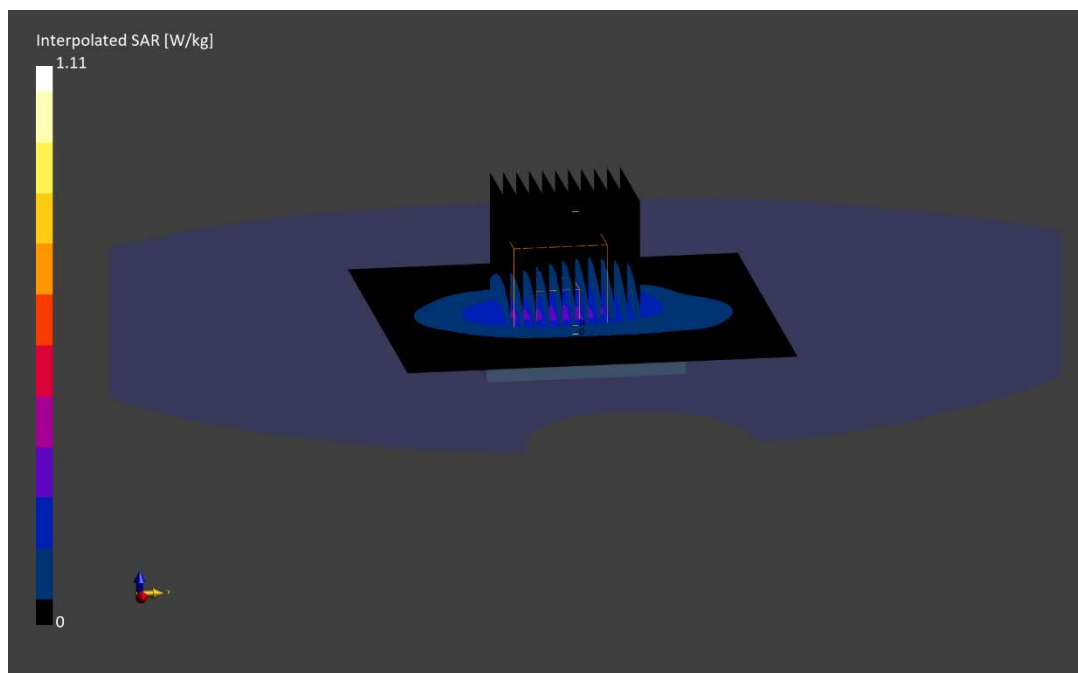
Reference Value = 0.18 W/kg; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 1.11 W/kg

SAR(10 g) = 0.160 W/kg

Smallest distance from peaks to all points 3 dB below is 6.3 mm

Ratio of SAR at M2 to SAR at M1 = 56.3 %



ELEMENT

DUT: BCG-A3003; Type: Watch; Serial: M0XJ7

Communication System: UID:10169 - CAF, LTE-FDD; MAIA: Y; Frequency: 1745.0 MHz

Medium: 1750 Head; Medium parameters used:

$f = 1745.000$ MHz; $\text{cond} = 1.41$ S/m; $\text{perm} = 38.2$; $\text{density} = 1000$ kg/m³

Phantom Section: Flat; Space: 0.00 mm

Test Date: 07/03/2024; Ambient Temp: 22.5°C; Tissue Temp: 21.0°C

Probe: EX3DV4 - SN7782; ConvF:(7.93,7.93,7.93); Calibrated: 2023-09-12

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

Electronics: DAE4 Sn1646; Calibrated: 2023-09-08

Phantom: Twin-SAM V8.0; Serial: 1944

Measurement SW: DASY Module SAR V16.2.4.2524

**Mode: LTE Band 66, Exp: Extremity| Back Side, Ch. Mid,
20 MHz Bandwidth, QPSK, 1 RB, 0 RB Offset,
Aluminum, Metal Links Wristband**

Area Scan (90.0 x 90.0): Measurement grid: $dx=15.0$ mm, $dy=15.0$ mm

Zoom Scan (32.0 x 32.0 x 30.0): Measurement grid: $dx=4.0$ mm, $dy=4.0$ mm, $dz=1.5$ mm; Graded Ratio: 1.5

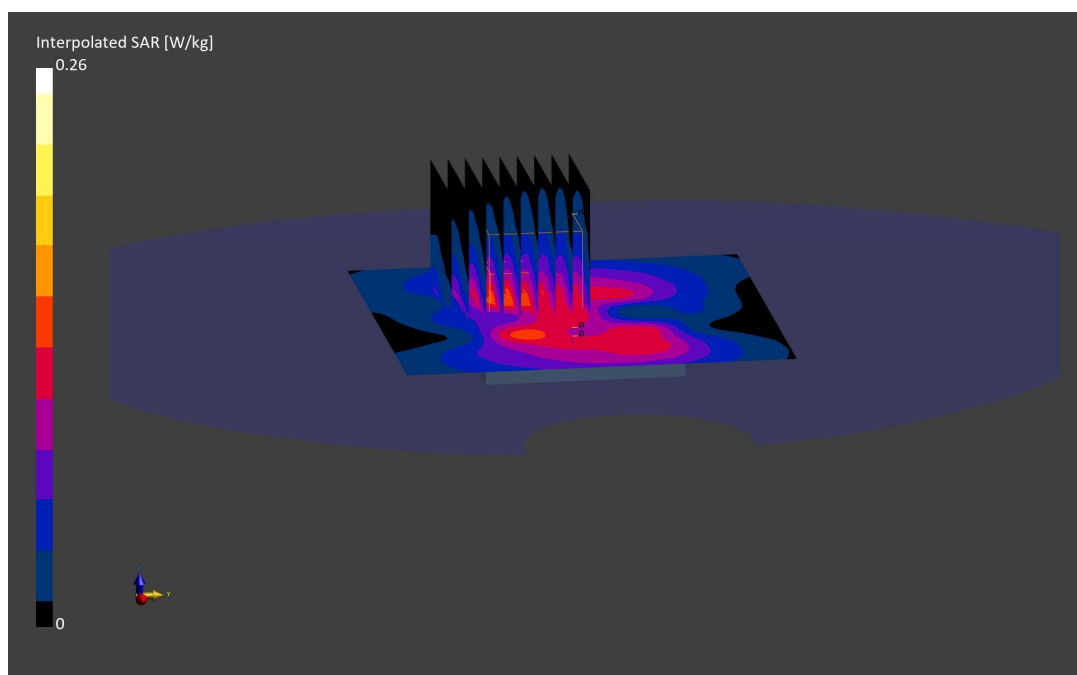
Reference Value = 0.10 W/kg; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 0.260 W/kg

SAR(10 g) = 0.079 W/kg

Smallest distance from peaks to all points 3 dB below is 10.4 mm

Ratio of SAR at M2 to SAR at M1 = 69.0 %



ELEMENT

DUT: BCG-A3003; Type: Watch; Serial: DQY2F

Communication System: UID:10169 - CAF, LTE-FDD; MAIA: Y; Frequency: 1905.0 MHz

Medium: 1900 Head; Medium parameters used:

$f = 1905.0$ MHz; $\text{cond} = 1.45$ S/m; $\text{perm} = 39.1$; $\text{density} = 1000$ kg/m³

Phantom Section: Flat; Space: 0.00 mm

Test Date: 07/02/2024; Ambient Temp: 23.2°C; Tissue Temp: 21.3°C

Probe: EX3DV4 - SN7639; ConvF:(8.53,8.53,8.53); Calibrated: 2023-11-09

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

Electronics: DAE4 Sn1403; Calibrated: 2023-11-14

Phantom: Twin-SAM V8.0; Serial: 2034

Measurement SW: DASY Module SAR V16.2.4.2524

**Mode: LTE Band 25, Exp: Extremity| Back Side, Ch. High,
20 MHz Bandwidth, QPSK, 1 RB, 99 RB Offset,
Titanium, Metal Links Wristband**

Area Scan (90.0 x 90.0): Measurement grid: $dx=15.0$ mm, $dy=15.0$ mm

Zoom Scan (30.0 x 30.0 x 30.0): Measurement grid: $dx=6.0$ mm, $dy=6.0$ mm, $dz=1.5$ mm; Graded Ratio: 1.5

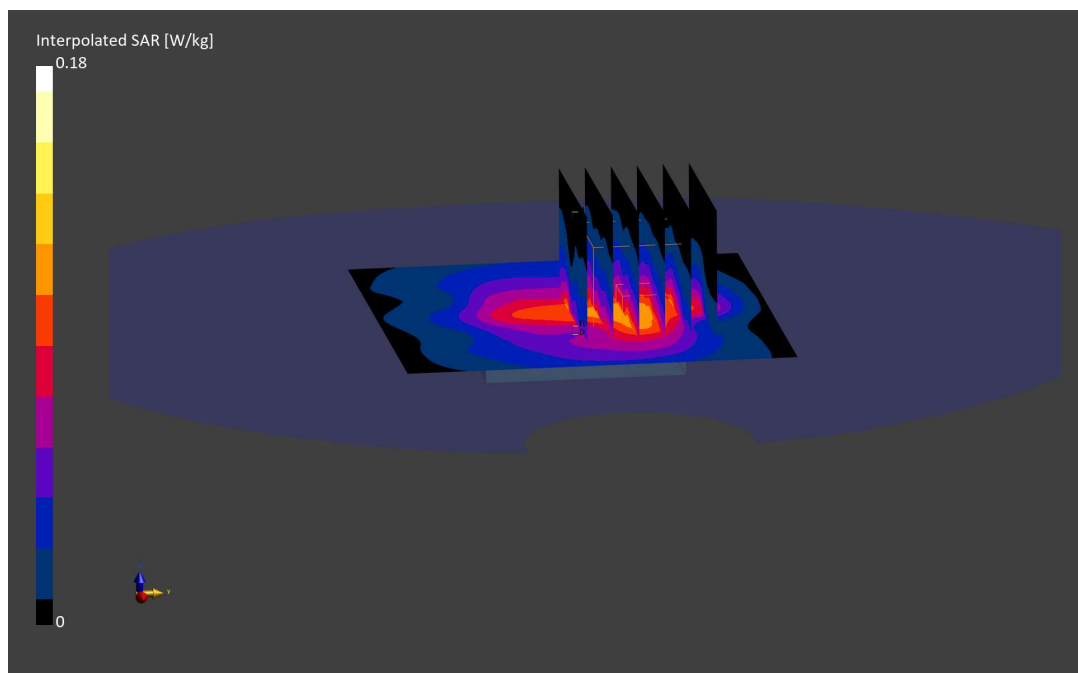
Reference Value = 0.09 W/kg; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.180 W/kg

SAR(10 g) = 0.058 W/kg

Smallest distance from peaks to all points 3 dB below is 12.0 mm

Ratio of SAR at M2 to SAR at M1 = 80.3 %



ELEMENT

DUT: BCG-A3003; Type: Watch; Serial: MY73D

Communication System: UID:10169 - CAF, LTE-FDD; MAIA: Y; Frequency: 2510.0 MHz

Medium: 2450 Head; Medium parameters used:

$f = 2510.000$ MHz; $\text{cond} = 1.94$ S/m; $\text{perm} = 38.8$; $\text{density} = 1000$ kg/m³

Phantom Section: Flat; Space: 0.00 mm

Test Date: 07/08/2024; Ambient Temp: 20.8°C; Tissue Temp: 23.6°C

Probe: EX3DV4 - SN7499; ConvF:(7.24,7.57,7.85); Calibrated: 2024-01-16

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

Electronics: DAE4 Sn1644; Calibrated: 2023-12-07

Phantom: Twin-SAM V8.0; Serial: 1357

Measurement SW: DASY Module SAR V16.2.4.2524

**Mode: LTE Band 7, Exp: Extremity| Back Side, Ch. Low,
20 MHz Bandwidth, QPSK, 1 RB, 99 RB Offset,
Aluminum, Metal Loop Wristband**

Area Scan (80.0 x 80.0): Measurement grid: $dx=5.0$ mm, $dy=8.0$ 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

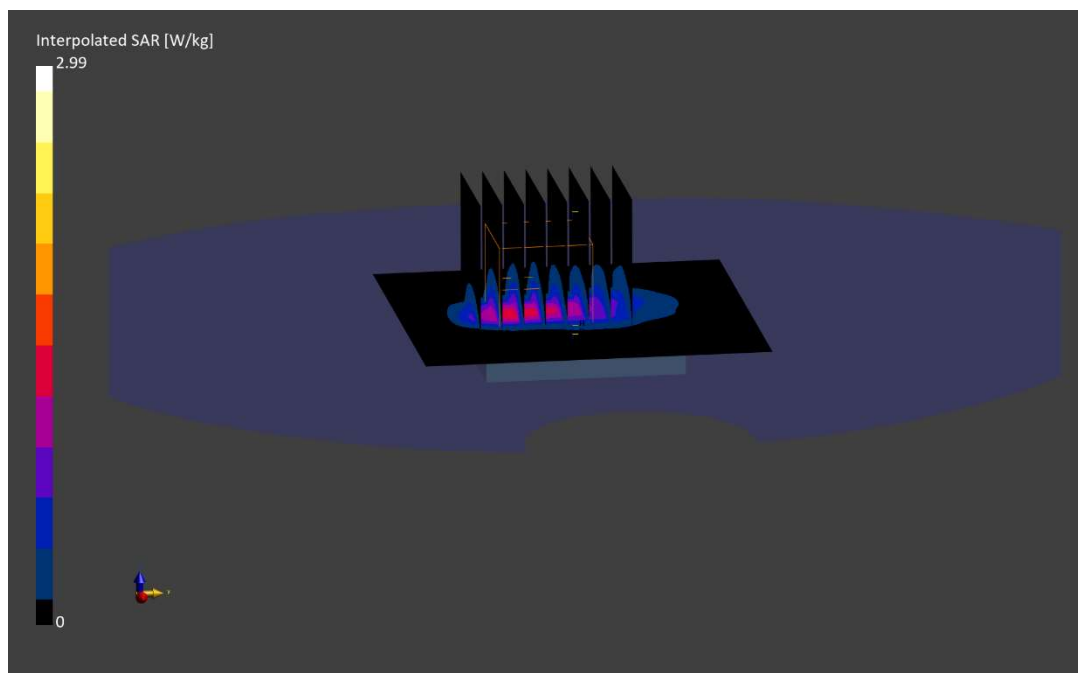
Reference Value = 1.78 W/kg; Power Drift = 0.18 dB

Peak SAR (extrapolated) = 2.99 W/kg

SAR(10 g) = 0.487 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 = 63.7 %



ELEMENT

DUT: BCG-A3003; Type: Watch; Serial: HCFFK

Communication System: UID:10435 - AAG, LTE-TDD; MAIA: Y; Frequency: 2680.0 MHz

Medium: 2450 Head; Medium parameters used:

$f = 2680.0$ MHz; $\text{cond} = 2.11$ S/m; $\text{perm} = 38.2$; $\text{density} = 1000$ kg/m³

Phantom Section: Flat; Space: 0.00 mm

Test Date: 07/08/2024; Ambient Temp: 20.8°C; Tissue Temp: 23.6°C

Probe: EX3DV4 - SN7499; ConvF:(7.24,7.57,7.85); Calibrated: 2024-01-16

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

Electronics: DAE4 Sn1644; Calibrated: 2023-12-07

Phantom: Twin-SAM V8.0; Serial: 1357

Measurement SW: DASY Module SAR V16.2.4.2524

**Mode: LTE Band 41, Exp: Extremity| Back Side, Ch. High,
20 MHz Bandwidth, QPSK, 1 RB, 50 RB Offset,
Aluminum, Metal Loop 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 30.0): Measurement grid: $dx=5.0$ mm, $dy=5.0$ mm, $dz=1.5$ mm; Graded Ratio: 1.5

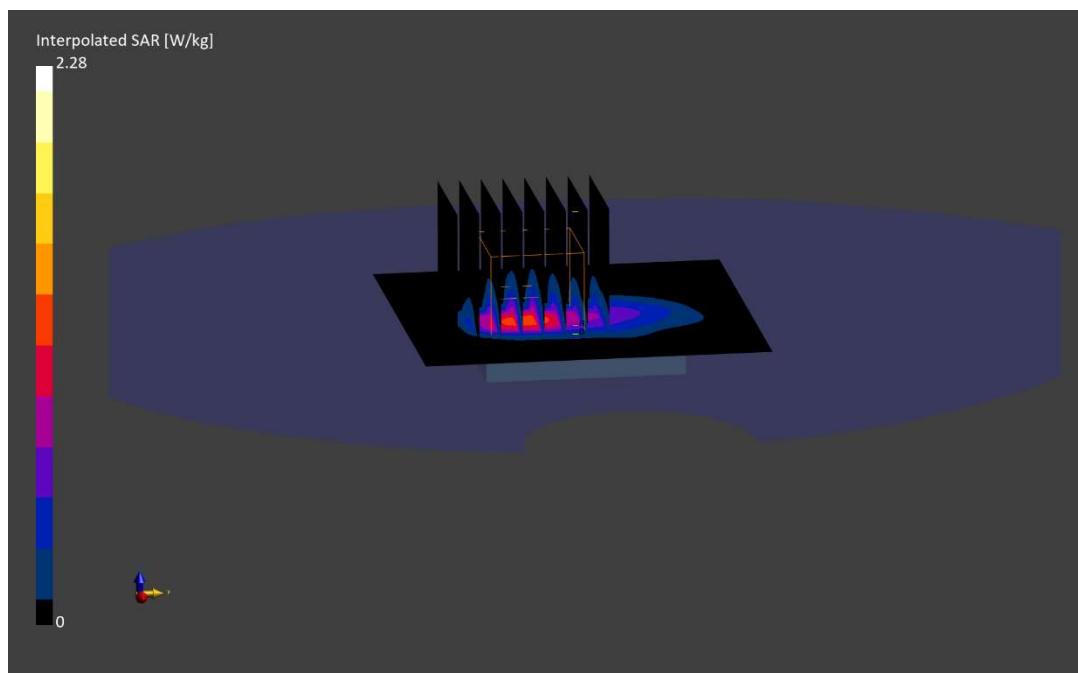
Reference Value = 1.68 W/kg; Power Drift = -0.19 dB

Peak SAR (extrapolated) = 2.28 W/kg

SAR(10 g) = 0.404 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 = 75.7 %



ELEMENT

DUT: BCG-A3003; Type: Watch; Serial: 9DCQ2

Communication System: UID:10415 - AAA, WLAN; MAIA: Y; Frequency: 2462.0 MHz

Medium: 2450 Head; Medium parameters used:

$f = 2462.000$ MHz; $\text{cond} = 1.87$ S/m; $\text{perm} = 38.3$; $\text{density} = 1000$ kg/m³

Phantom Section: Flat; Space: 0.00 mm

Test Date: 07/03/2024; Ambient Temp: 22.2°C; Tissue Temp: 23.4°C

Probe: EX3DV4 - SN7499; ConvF:(7.13,7.46,7.69); Calibrated: 2024-01-16

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

Electronics: DAE4 Sn1644; Calibrated: 2023-12-07

Phantom: Twin-SAM V8.0; Serial: 1357

Measurement SW: DASY Module SAR V16.2.4.2524

Mode: 2.4 GHz WIFI/ IEEE 802.11b, 22 MHz Bandwidth, Exp: Extremity|
Back Side, Ch. 11, 1Mbps,
Titanium, Metal Loop 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 30.0): Measurement grid: $dx=5.0$ mm, $dy=5.0$ mm, $dz=1.5$ mm; Graded Ratio: 1.5

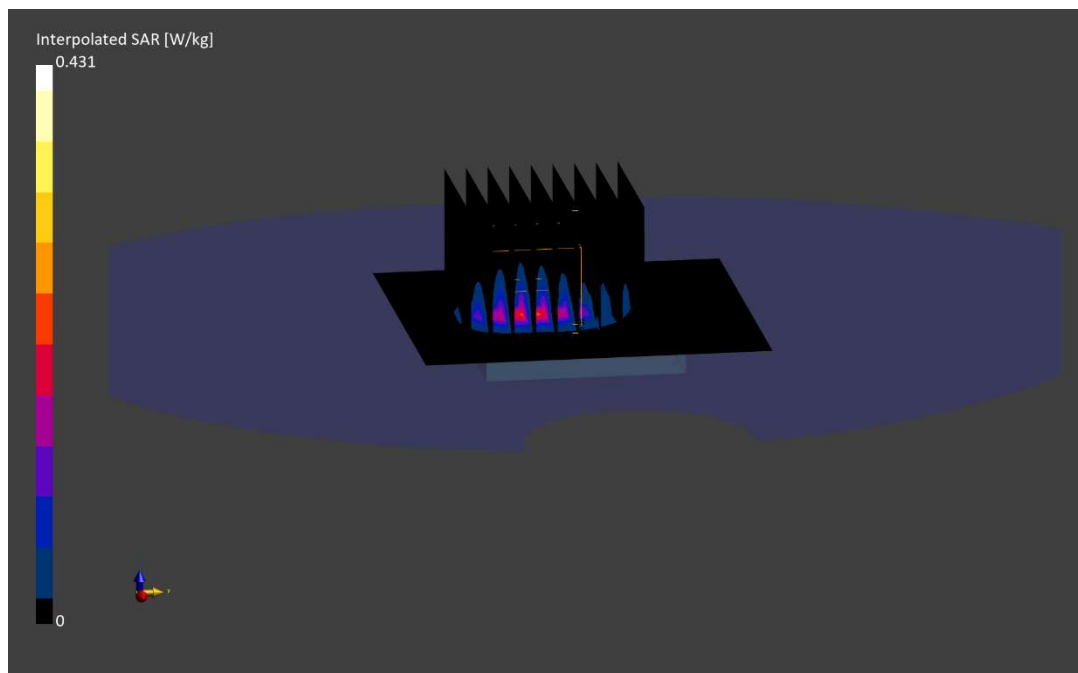
Reference Value = 0.16 W/kg; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 0.431 W/kg

SAR(10 g) = 0.065 W/kg

Smallest distance from peaks to all points 3 dB below is 7.7 mm

Ratio of SAR at M2 to SAR at M1 = 71.2 %



ELEMENT

DUT: BCG-A3003; Type: Watch; Serial: TFD4Y

Communication System: UID:10417 - AAD, WLAN; MAIA: Y; Frequency: 5600.0 MHz

Medium: 5200-5800 Head; Medium parameters used:

$f = 5600.0$ MHz; $\text{cond} = 5.01$ S/m; $\text{perm} = 34.6$; $\text{density} = 1000$ kg/m³

Phantom Section: Flat; Space: 0.00 mm

Test Date: 07/02/2024; Ambient Temp: 21.2°C; Tissue Temp: 20.0°C

Probe: EX3DV4 - SN7427; ConvF:(4.18,4.62,4.72); Calibrated: 2024-02-09

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

Electronics: DAE4 Sn467; Calibrated: 2024-02-09

Phantom: Twin-SAM V8.0; Serial: 2070

Measurement SW: DASY Module SAR V16.2.4.2524

Mode: 5 GHz WIFI/ IEEE 802.11a, 20 MHz Bandwidth, U-NII-2C, Exp: Extremity|
Back Side, Ch. 120, 6.5 Mbps,
Aluminum, Metal Loop Wristband

Area Scan (80.0 x 80.0): 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

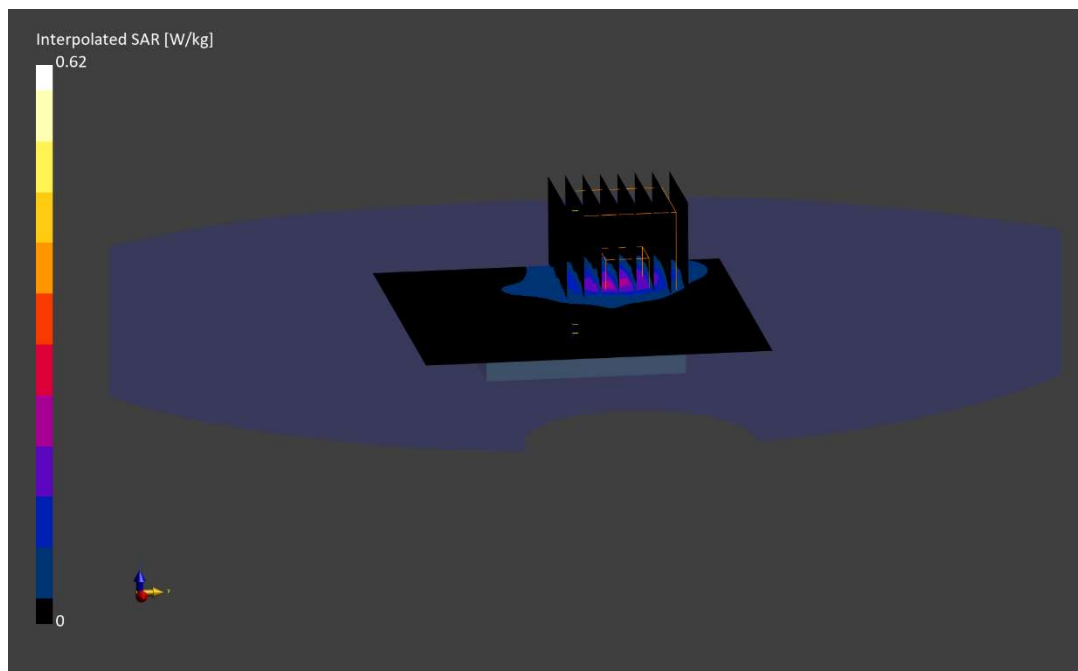
Reference Value = 0.10 W/kg; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 0.620 W/kg

SAR(10 g) = 0.061 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 = 61.0 %



ELEMENT

DUT: BCG-A3003; Type: Watch; Serial: X9XGQ

Communication System: UID:10032 - CAA, Bluetooth; MAIA: Y; Frequency: 2441.0 MHz

Medium: 2450 Head; Medium parameters used:

$f = 2441.0$ MHz; $\text{cond} = 1.86$ S/m; $\text{perm} = 39.1$; $\text{density} = 1000$ kg/m³

Phantom Section: Flat; Space: 0.00 mm

Test Date: 07/10/2024; Ambient Temp: 20.0°C; Tissue Temp: 22.7°C

Probe: EX3DV4 - SN7499; ConvF:(7.13,7.46,7.69); Calibrated: 2024-01-16

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

Electronics: DAE4 Sn1644; Calibrated: 2023-12-07

Phantom: Twin-SAM V8.0; Serial: 1357

Measurement SW: DASY Module SAR V16.2.4.2524

**Mode: 2.4 GHz Bluetooth, Exp: Extremity| Back Side, Ch. 39, 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 30.0): Measurement grid: $dx=5.0$ mm, $dy=5.0$ mm, $dz=1.5$ mm; Graded Ratio: 1.5

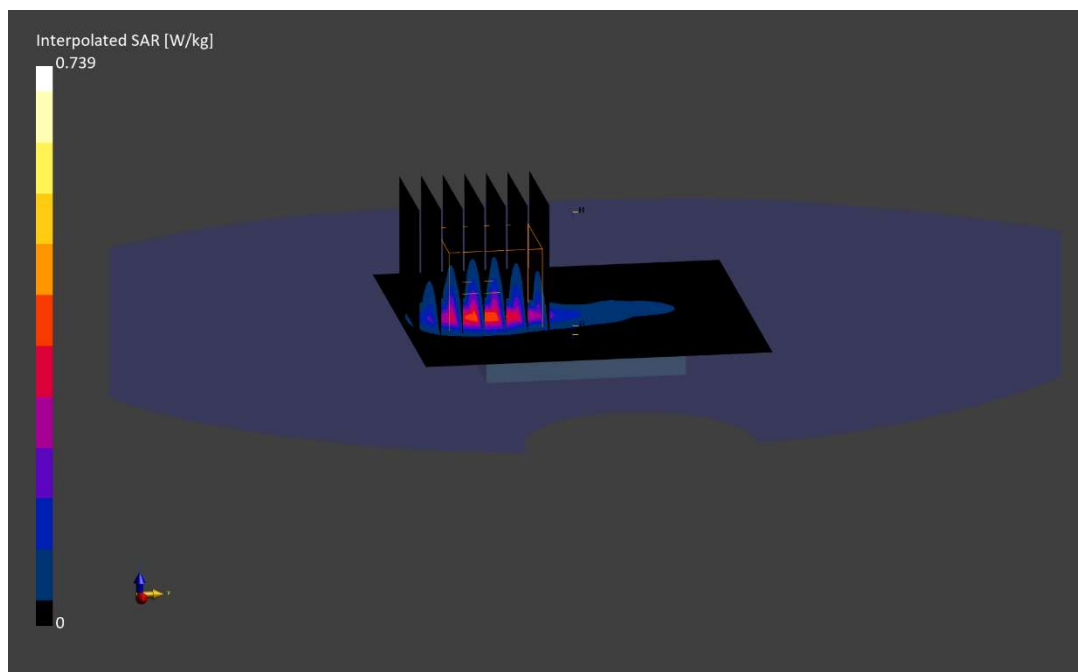
Reference Value = 0.56 W/kg; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 0.739 W/kg

SAR(10 g) = 0.137 W/kg

Smallest distance from peaks to all points 3 dB below is 9.1 mm

Ratio of SAR at M2 to SAR at M1 = 77.4 %



ELEMENT

DUT: BCG-A3003; Type: Watch; Serial: YW77G

Communication System: UID:0 - -, CW; MAIA: Y; Frequency: 5728.8 MHz

Medium: 5200-5800 Head; Medium parameters used:

$f = 5728.8$ MHz; $\text{cond} = 5.16$ S/m; $\text{perm} = 34.8$; $\text{density} = 1000$ kg/m³

Phantom Section: Flat; Space: 0.00 mm

Test Date: 06/17/2024; Ambient Temp: 21.2°C; Tissue Temp: 20.4°C

Probe: EX3DV4 - SN7427; ConvF:(4.35,4.78,4.93); Calibrated: 2024-02-09

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

Electronics: DAE4 Sn467; Calibrated: 2024-02-09

Phantom: Twin-SAM V8.0; Serial: 2070

Measurement SW: DASY Module SAR V16.2.4.2524

**Mode: 802.15.4 ab-NB, Exp: Extremity| Back Side, Ch. Low, 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 (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

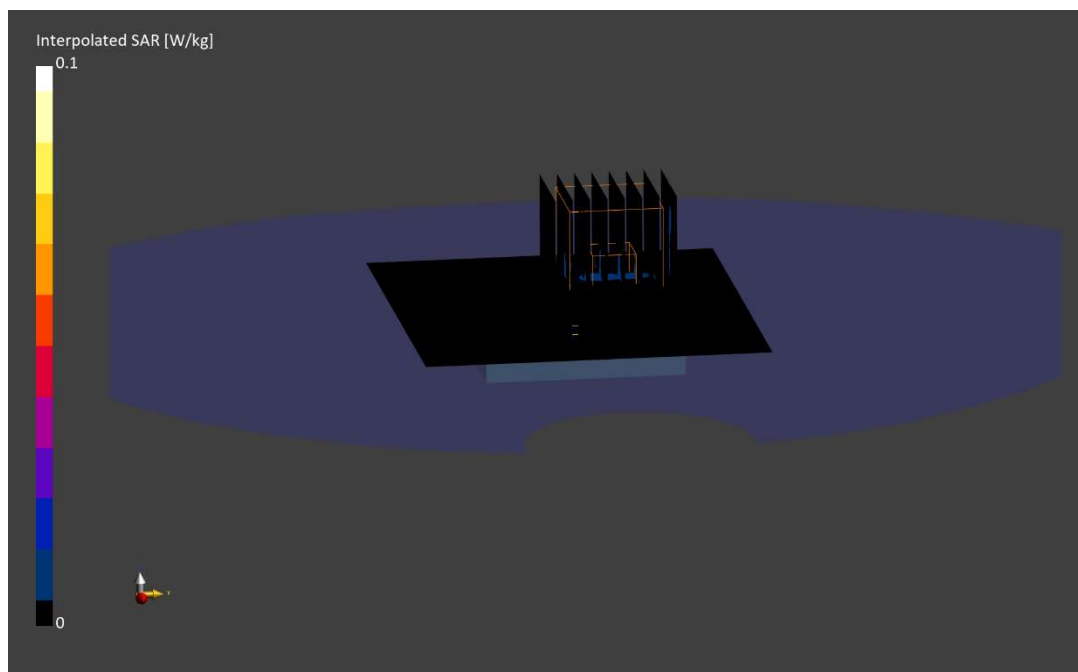
Reference Value = 0.00 W/kg; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 0.054 W/kg

SAR(10 g) = 0.003 W/kg

Smallest distance from peaks to all points 3 dB below is 4.0 mm

Ratio of SAR at M2 to SAR at M1 = 83.0 %



ELEMENT

DUT: BCG-A3003; Type: Watch; Serial: 9DCQ2

Communication System: UID:0 - -, CW; MAIA: Y; Frequency: 13.6 MHz

Medium: 30 Head; Medium parameters used:

$f = 13.6$ MHz; $\text{cond} = 0.723$ S/m; $\text{perm} = 52.4$; $\text{density} = 1000$ kg/m³

Phantom Section: Flat; Space: 0.00 mm

Test Date: 07/09/2024; Ambient Temp: 22.0°C; Tissue Temp: 22.5°C

Probe: EX3DV4 - SN3746; ConvF:(16.19,16.19,16.19); Calibrated: 2023-10-16

Sensor-Surface: 1.4mm (All points)

Electronics: DAE4 Sn1237; Calibrated: 2023-10-18

Phantom: ELI V6.0; Serial: 2003

Measurement SW: DASY Module SAR V16.2.4.2524

**Mode: NFC, Exp: Extremity| Back Side,
Titanium, Sport Wristband**

Area Scan (90.0 x 80.0): Measurement grid: $dx=15.0$ mm, $dy=20.0$ mm

Zoom Scan (30.0 x 30.0 x 30.0): Measurement grid: $dx=6.0$ mm, $dy=6.0$ mm, $dz=1.5$ mm; Graded Ratio: 1.5

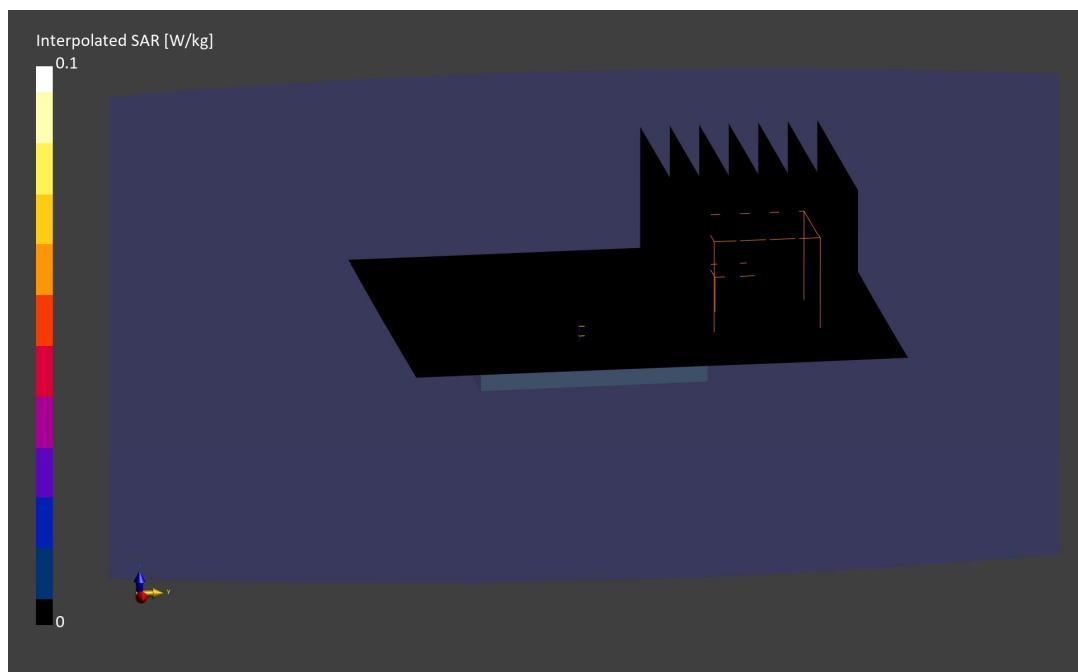
Reference Value = 0.00 W/kg; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 0.002 W/kg

SAR(10 g) = 0 W/kg

Smallest distance from peaks to all points 3 dB below is N/A

Ratio of SAR at M2 to SAR at M1 = 84.3 %



ELEMENT

DUT: BCG-A3003; Type: Watch; Serial: 4GFC6

Communication System: UID:0 - -, CW; MAIA: Y; Frequency: 7987.2 MHz

Medium: 6000 Head; Medium parameters used:

$f = 7987.2$ MHz; $\text{cond} = 7.87$ S/m; $\text{perm} = 31.4$; $\text{density} = 1000$ kg/m³

Phantom Section: Flat; Space: 0.00 mm

Test Date: 07/01/2024; Ambient Temp: 20.8°C; Tissue Temp: 19.7°C

Probe: EX3DV4 - SN7532; ConvF:(5.23,5.13,5.61); Calibrated: 2024-04-16

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

Electronics: DAE4 Sn501; Calibrated: 2024-04-09

Phantom: Twin-SAM V5.0; Serial: 1647

Measurement SW: DASY Module SAR V16.2.4.2524

**Mode: UWB, Exp: Extremity| Back Side, Ch. 9,
Titanium, Metal Links Wristband**

Area Scan (75.0 x 90.0): Measurement grid: $dx=7.5$ mm, $dy=7.5$ mm

Zoom Scan (24.0 x 24.0 x 22.0): Measurement grid: $dx=3.0$ mm, $dy=3.0$ mm, $dz=1.4$ mm; Graded Ratio: 1.4

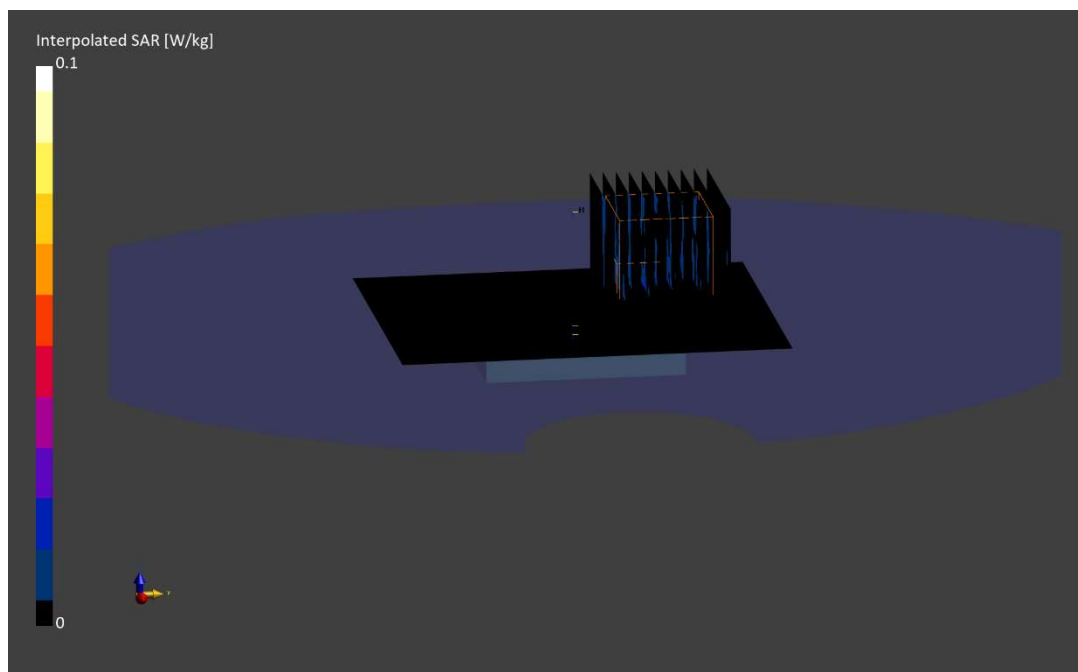
Reference Value = -0.02 W/kg; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 0.081 W/kg

SAR(10 g) = 0.003 W/kg; APD(4 cm²) = 0.071 W/m²

Smallest distance from peaks to all points 3 dB below is 3.4 mm

Ratio of SAR at M2 to SAR at M1 = 54.9 %



Date: 07/03/2024

Mode: UWB, Exp: Extremity | Back Side, Ch. 5, Aluminum, Metal Loop Wristband

Device Under Test Properties

DUT	Serial Number	DUT Type
BCG-A3003	HCFFK	Watch

Exposure Conditions

Phantom Section	Position	Test Distance [mm]	Channel	Group, UID	Frequency [MHz]
5G	BACK	2.00	5	0	6489.6

Hardware Setup

Probe, Calibration Date	DAE, Calibration Date
EUmmWV3 - SN9407, 10/09/2023	DAE4 - SN1408, 03/06/2024

Software Setup

Software	Software Version
cDASY6 Module mmWave	3.2.0.1840

Scans Setup

Scan Type	5G Scan
Grid Extents [mm]	25.0 x 25.0
Grid Steps [lambda]	0.25 x 0.25
Sensor Surface [mm]	2.0

Measurement Results

Scan Type	5G Scan
Avg. Area [cm²]	4.00
pS _{tot} avg [W/m²]	0.259
pS _n avg [W/m²]	0.255
E _{peak} [V/m]	11.2
Power Drift [dB]	-0.04

