

**APPENDIX A: SAR TEST PLOTS**

# ELEMENT

**DUT: BCG-A2986; Type: Watch; Serial: HYX46KF72Q**

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

Medium: 835 Head; Medium parameters used:

$f = 826.4$  MHz;  $\text{cond} = 0.898$  S/m;  $\text{perm} = 41.2$ ;  $\text{density} = 1000$  kg/m<sup>3</sup>

Phantom Section: Flat; Space: 10.00 mm

Test Date: 07/04/2023; Ambient Temp: 20.3°C; Tissue Temp: 21.2°C

Probe: EX3DV4 - SN7421; ConvF:(9.12,9.12,9.12); Calibrated: 2023-03-16

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

Electronics: DAE4 Sn604; Calibrated: 2023-03-15

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

Measurement SW: DASY Module SAR V16.2.0.1425

**Mode: UMTS 850, Head SAR. Front side, Low. Ch  
Titanium, Sport 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:  $dx=6.0$  mm,  $dy=6.0$  mm,  $dz=1.5$  mm; Graded Ratio: 1.5

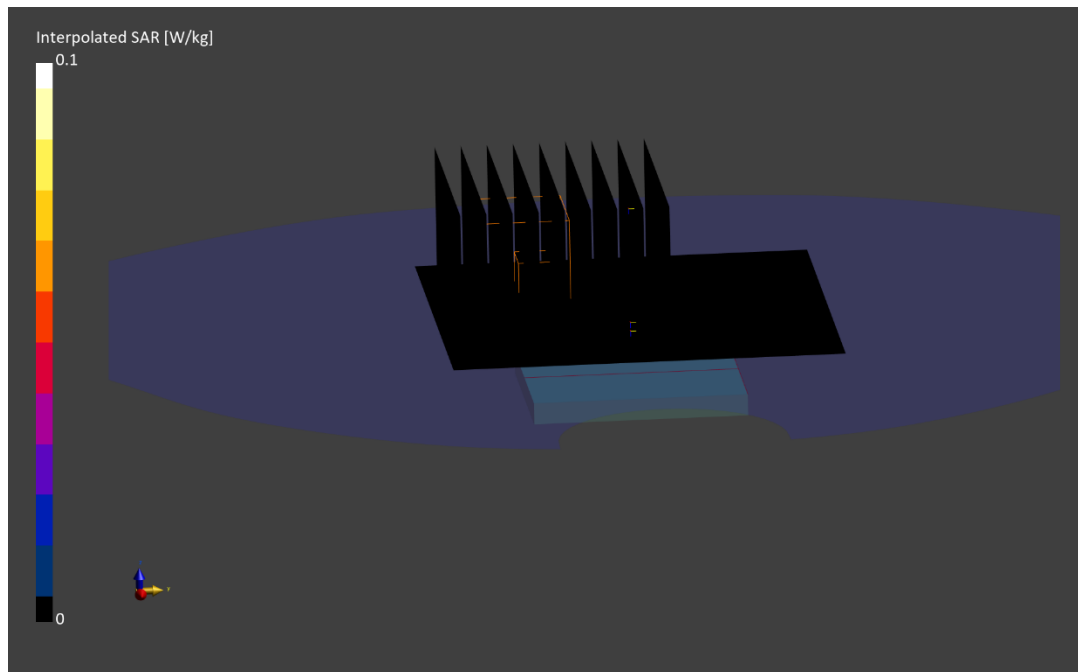
Reference Value = 0.00 W/kg; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.005 W/kg

**SAR(1 g) = 0.002 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 = 59.8 %



# ELEMENT

**DUT: BCG-A2986; Type: Watch; Serial: GJV2G7C0FP**

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

Medium: 1750 Head; Medium parameters used:

$f = 1732.4$  MHz; cond = 1.35 S/m; perm = 41.8; density = 1000 kg/m<sup>3</sup>

Phantom Section: Flat; Space: 10.00 mm

Test Date: 07/19/2023; Ambient Temp: 23.7°C; Tissue Temp: 21.8°C

Probe: EX3DV4 - SN7490; ConvF:(8.65,8.65,8.65); Calibrated: 2022-12-09

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

Electronics: DAE4 Sn1644; Calibrated: 2022-12-13

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

Measurement SW: DASY Module SAR V16.2.0.1425

**Mode: UMTS 1750, Head SAR. Front side, Mid. Ch  
Titanium, Velcro 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

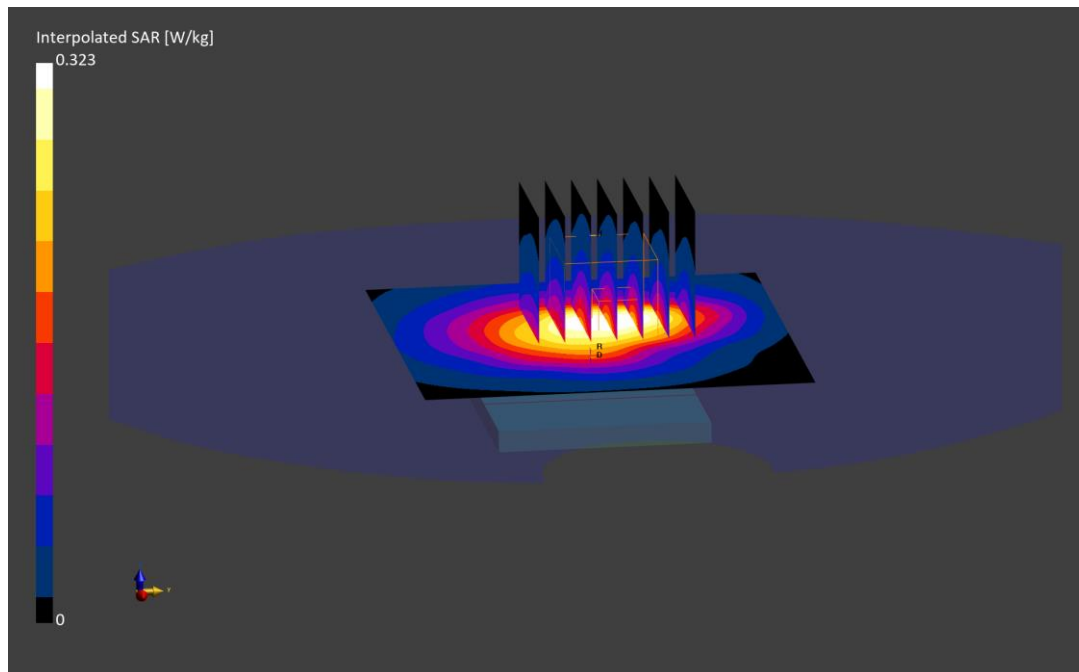
Reference Value = 0.19 W/kg; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 0.323 W/kg

**SAR(1 g) = 0.195 W/kg**

Smallest distance from peaks to all points 3 dB below is 13.2 mm

Ratio of SAR at M2 to SAR at M1 = 85.1 %



# ELEMENT

**DUT: BCG-A2986; Type: Watch; Serial: GJV2G7C0FP**

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

Medium: 1900 Head; Medium parameters used:

$f = 1907.6$  MHz;  $\text{cond} = 1.44$  S/m;  $\text{perm} = 38.6$ ;  $\text{density} = 1000$  kg/m<sup>3</sup>

Phantom Section: Flat; Space: 10.00 mm

Test Date: 06/26/2023; Ambient Temp: 21.1 °C; Tissue Temp: 20.0 °C

Probe: EX3DV4 - SN7421; ConvF:(7.43,7.43,7.43); Calibrated: 2023-03-16

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

Electronics: DAE4 Sn604; Calibrated: 2023-03-15

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

Measurement SW: DASY Module SAR V16.2.0.1425

**Mode: UMTS 1900, Head SAR. Front side, High. Ch  
Titanium, Fabric 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

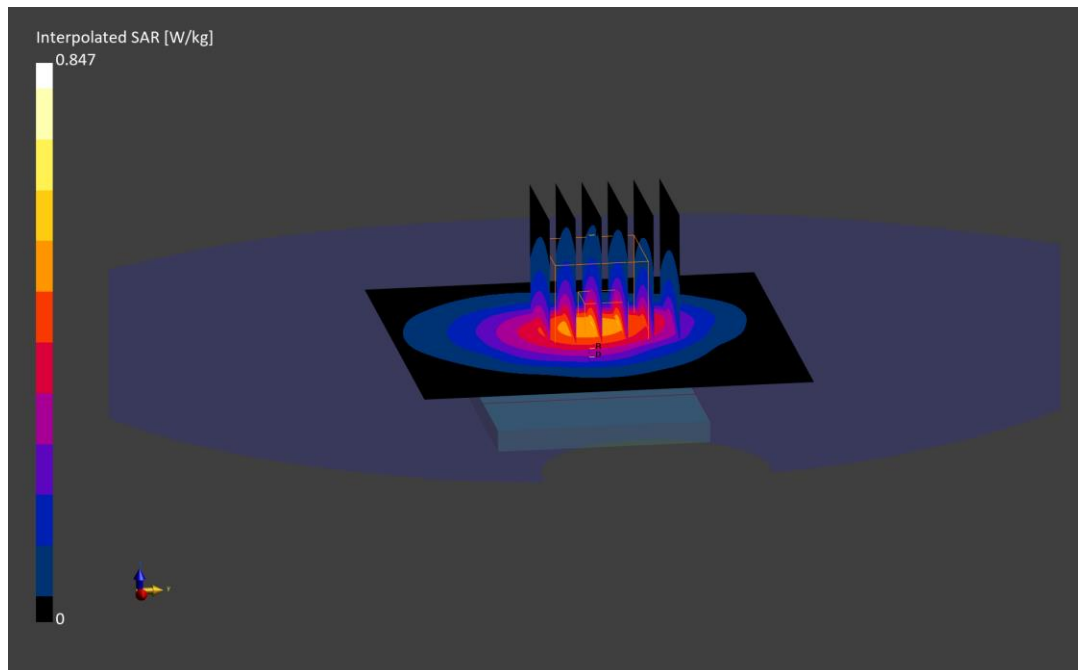
Reference Value = 0.55 W/kg; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 0.847 W/kg

**SAR(1 g) = 0.505 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 = 84.3 %



# ELEMENT

**DUT: BCG-A2986; Type: Watch; Serial: C2W202JN4G**

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

Medium: 750 Head; Medium parameters used:

$f = 707.5$  MHz;  $\text{cond} = 0.856$  S/m;  $\text{perm} = 41.5$ ;  $\text{density} = 1000$  kg/m<sup>3</sup>

Phantom Section: Flat; Space: 10.00 mm

Test Date: 07/04/2023; Ambient Temp: 20.3°C; Tissue Temp: 21.2°C

Probe: EX3DV4 - SN7421; ConvF:(9.33,9.33,9.33); Calibrated: 2023-03-16

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

Electronics: DAE4 Sn604; Calibrated: 2023-03-15

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

Measurement SW: DASY Module SAR V16.2.0.1425

**Mode: LTE Band 12, Head SAR, Front Side,  
10 MHz Bandwidth, Mid.ch, QPSK, 1 RB, 0 RB Offset  
Titanium, Fabric 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:  $dx=6.0$  mm,  $dy=6.0$  mm,  $dz=1.5$  mm; Graded Ratio: 1.5

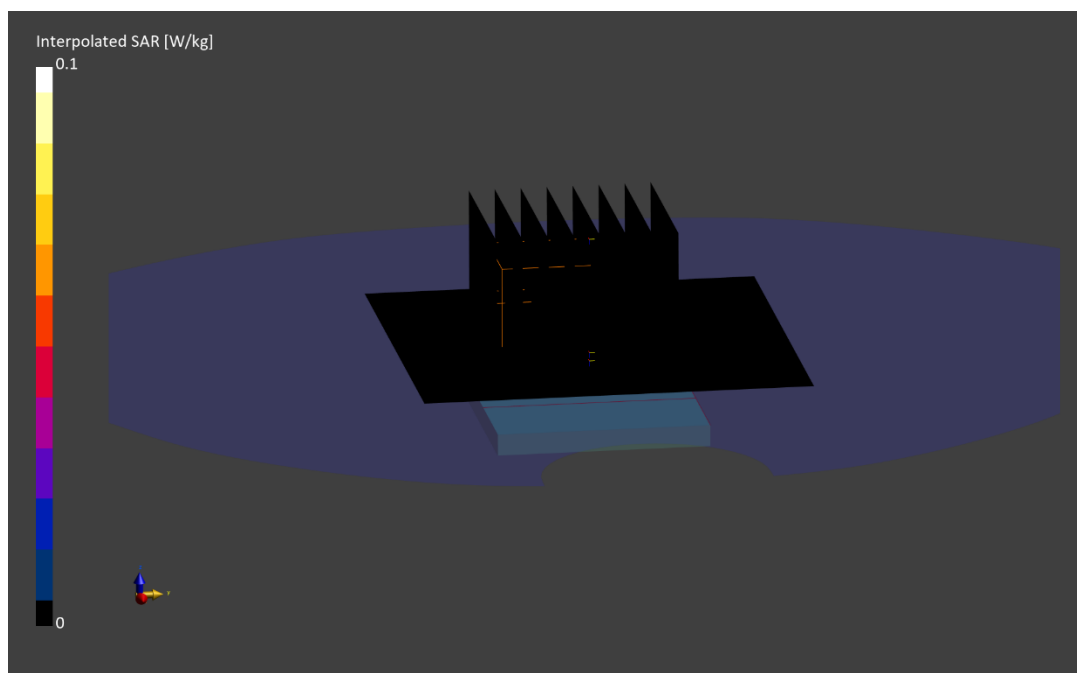
Reference Value = 0.00 W/kg; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.003 W/kg

**SAR(1 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 = 65.9 %



# ELEMENT

**DUT: BCG-A2986; Type: Watch; Serial: JVPX2G4M64**

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

Medium: 750 Head; Medium parameters used:

$f = 782.0$  MHz;  $\text{cond} = 0.882$  S/m;  $\text{perm} = 41.3$ ;  $\text{density} = 1000$  kg/m<sup>3</sup>

Phantom Section: Flat; Space: 10.00 mm

Test Date: 07/04/2023; Ambient Temp: 20.3°C; Tissue Temp: 21.2°C

Probe: EX3DV4 - SN7421; ConvF:(9.33,9.33,9.33); Calibrated: 2023-03-16

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

Electronics: DAE4 Sn604; Calibrated: 2023-03-15

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

Measurement SW: DASY Module SAR V16.2.0.1425

**Mode: LTE Band 13, Head SAR, Front Side,  
10 MHz Bandwidth, Mid.ch, QPSK, 1 RB, 25 RB Offset  
Titanium, Fabric 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:  $dx=6.0$  mm,  $dy=6.0$  mm,  $dz=1.5$  mm; Graded Ratio: 1.5

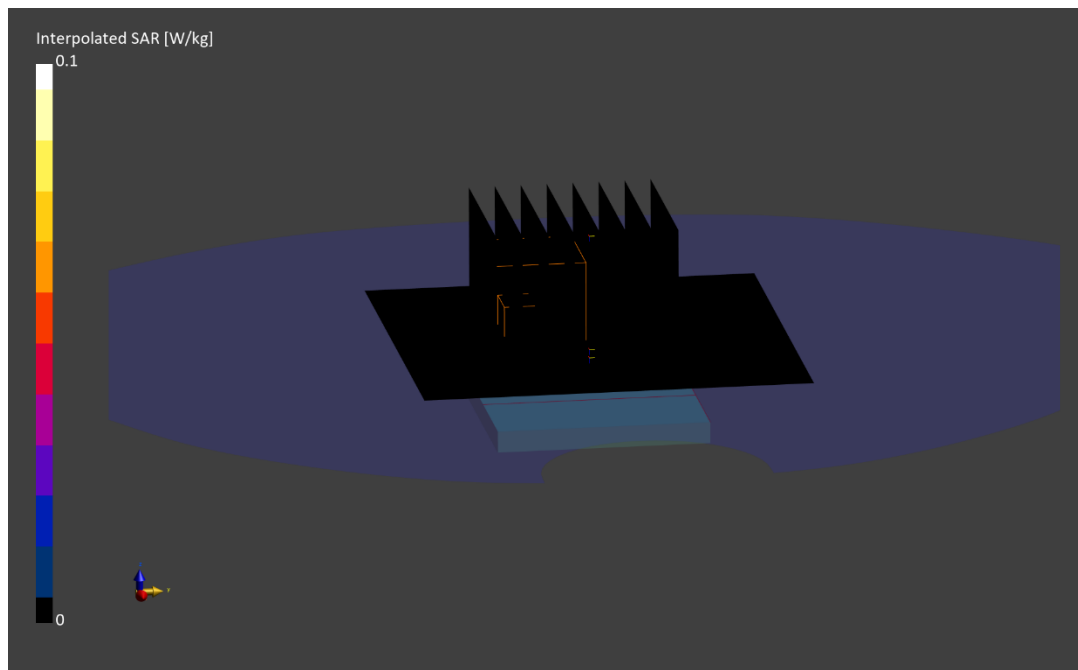
Reference Value = 0.00 W/kg; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.005 W/kg

**SAR(1 g) = 0.003 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 = 92.4 %



# ELEMENT

**DUT: BCG-A2986; Type: Watch; Serial: HYX46KF72Q**

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

Medium: 750 Head; Medium parameters used:

$f = 793.0$  MHz;  $\text{cond} = 0.885$  S/m;  $\text{perm} = 41.3$ ;  $\text{density} = 1000$  kg/m<sup>3</sup>

Phantom Section: Flat; Space: 10.00 mm

Test Date: 07/04/2023; Ambient Temp: 20.3°C; Tissue Temp: 21.2°C

Probe: EX3DV4 - SN7421; ConvF:(9.33,9.33,9.33); Calibrated: 2023-03-16

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

Electronics: DAE4 Sn604; Calibrated: 2023-03-15

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

Measurement SW: DASY Module SAR V16.2.0.1425

**Mode: LTE Band 14, Head SAR, Front Side,  
10 MHz Bandwidth, Mid.ch, QPSK, 1 RB, 0 RB Offset  
Titanium, Sport 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:  $dx=6.0$  mm,  $dy=6.0$  mm,  $dz=1.5$  mm; Graded Ratio: 1.5

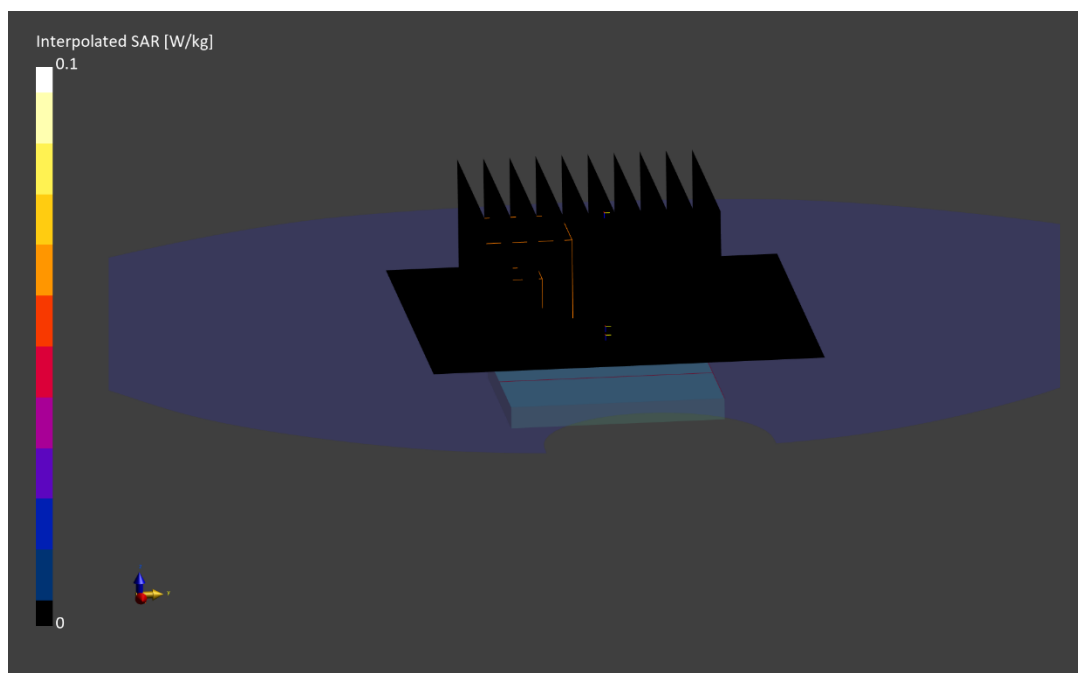
Reference Value = 0.00 W/kg; Power Drift = 0.14 dB

Peak SAR (extrapolated) = 0.006 W/kg

**SAR(1 g) = 0.003 W/kg**

Smallest distance from peaks to all points 3 dB below is 10.9 mm

Ratio of SAR at M2 to SAR at M1 = 76.6 %



# ELEMENT

**DUT: BCG-A2986; Type: Watch; Serial: JVPX2G4M64**

Communication System: UID:10175 - CAG, LTE-FDD; MAIA: Y; Frequency: 831.5 MHz

Medium: 835 Head; Medium parameters used:

$f = 831.5$  MHz;  $\text{cond} = 0.900$  S/m;  $\text{perm} = 41.2$ ;  $\text{density} = 1000$  kg/m<sup>3</sup>

Phantom Section: Flat; Space: 10.00 mm

Test Date: 07/04/2023; Ambient Temp: 20.3°C; Tissue Temp: 21.2°C

Probe: EX3DV4 - SN7421; ConvF:(9.12,9.12,9.12); Calibrated: 2023-03-16

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

Electronics: DAE4 Sn604; Calibrated: 2023-03-15

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

Measurement SW: DASY Module SAR V16.2.0.1425

**Mode: LTE Band 26, Head SAR, Front Side,  
10 MHz Bandwidth, Mid.ch, QPSK, 1 RB, 49 RB Offset  
Titanium, Fabric 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:  $dx=6.0$  mm,  $dy=6.0$  mm,  $dz=1.5$  mm; Graded Ratio: 1.5

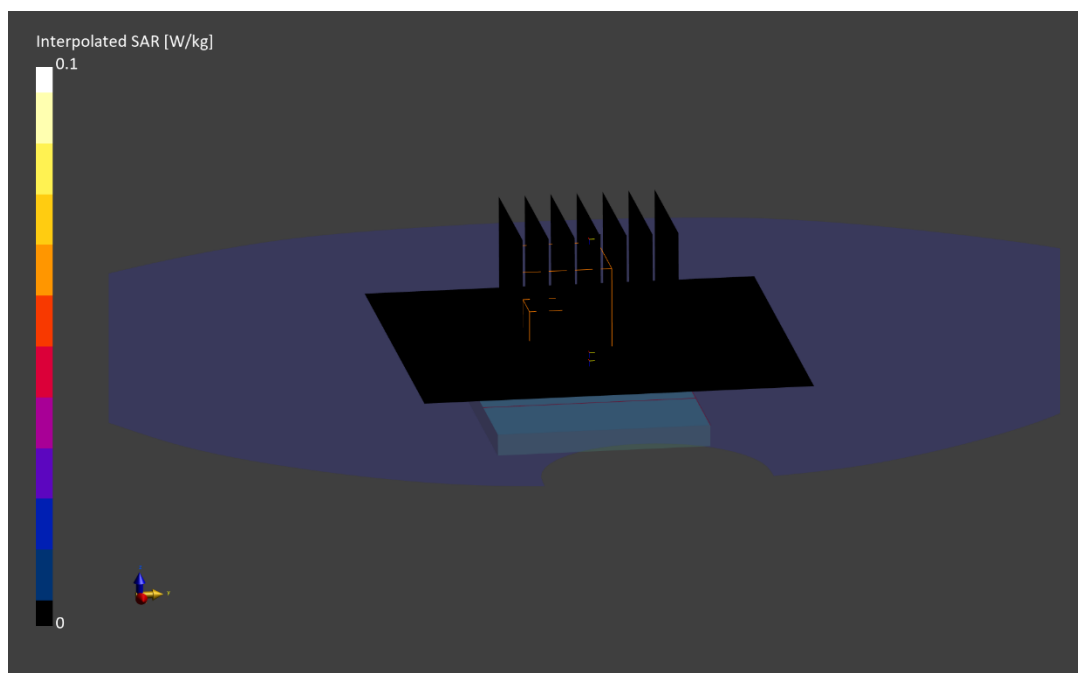
Reference Value = 0.00 W/kg; Power Drift = -0.20 dB

Peak SAR (extrapolated) = 0.006 W/kg

**SAR(1 g) = 0.003 W/kg**

Smallest distance from peaks to all points 3 dB below is 14.1 mm

Ratio of SAR at M2 to SAR at M1 = 66.6 %





# ELEMENT

**DUT: BCG-A2986; Type: Watch; Serial: C2W202JN4G**

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

Medium: 835 Head; Medium parameters used:

f = 836.5 MHz; cond = 0.903 S/m; perm = 41.3; density = 1000 kg/m<sup>3</sup>

Phantom Section: Flat; Space: 10.00 mm

Test Date: 07/19/2023; Ambient Temp: 19.9°C; Tissue Temp: 20.4°C

Probe: EX3DV4 - SN7421; ConvF:(9.12,9.12,9.12); Calibrated: 2023-03-16

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

Electronics: DAE4 Sn604; Calibrated: 2023-03-15

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

Measurement SW: DASY Module SAR V16.2.0.1425

**Mode: LTE Band 5, Head SAR, Front Side,  
10 MHz Bandwidth, Mid.ch, QPSK, 1 RB, 0 RB Offset  
Titanium, Velcro 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=6.0 mm, dy=6.0 mm, dz=1.5 mm; Graded Ratio: 1.5

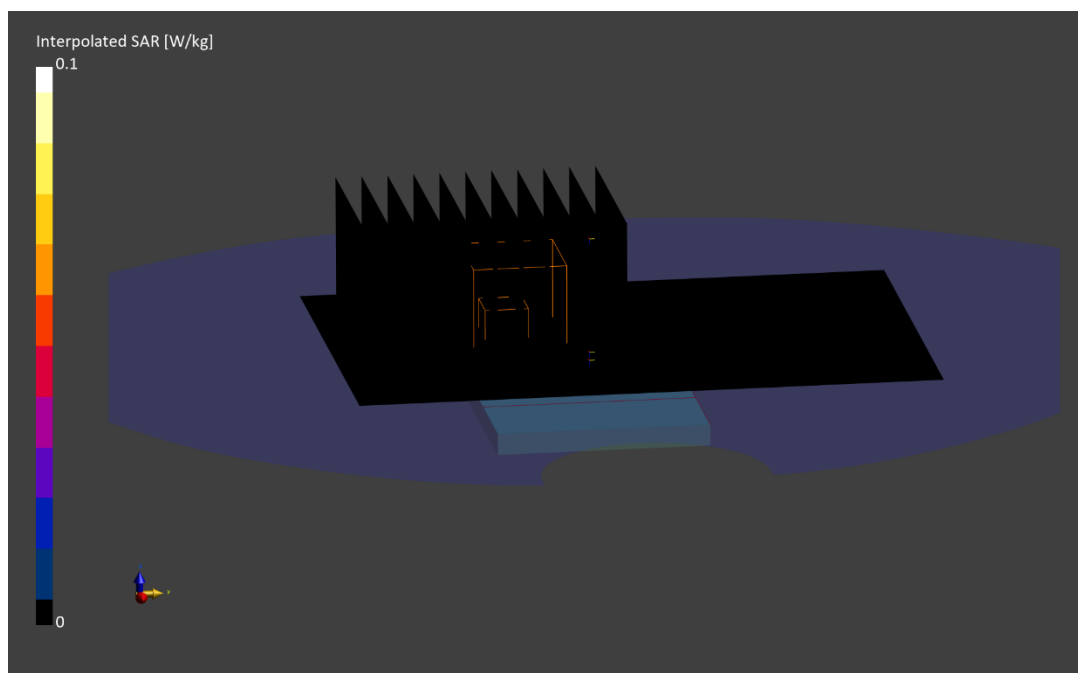
Reference Value = 0.00 W/kg; Power Drift = 0.16 dB

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 13.5 mm

Ratio of SAR at M2 to SAR at M1 = 77.0 %



# ELEMENT

**DUT: BCG-A2986; Type: Watch; Serial: FQ7GKVG649**

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

Medium: 1750 Head; Medium parameters used:

f = 1745.0 MHz; cond = 1.30 S/m; perm = 40.7; density = 1000 kg/m<sup>3</sup>

Phantom Section: Flat; Space: 10.00 mm

Test Date: 06/14/2023; Ambient Temp:19.3°C; Tissue Temp: 20.1°C

Probe: EX3DV4 - SN7639; ConvF:(9.3,9.3,9.3); Calibrated: 2022-11-14

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

Electronics: DAE4 Sn1646; Calibrated: 2022-11-10

Phantom: Twin-SAM V8.0; Serial: 1936

Measurement SW: DASY Module SAR V16.2.0.1425

**Mode: LTE Band 66, Head SAR, Front Side,  
20 MHz Bandwidth, Mid.ch, QPSK, 1 RB, 50 RB Offset  
Titanium, Fabric 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

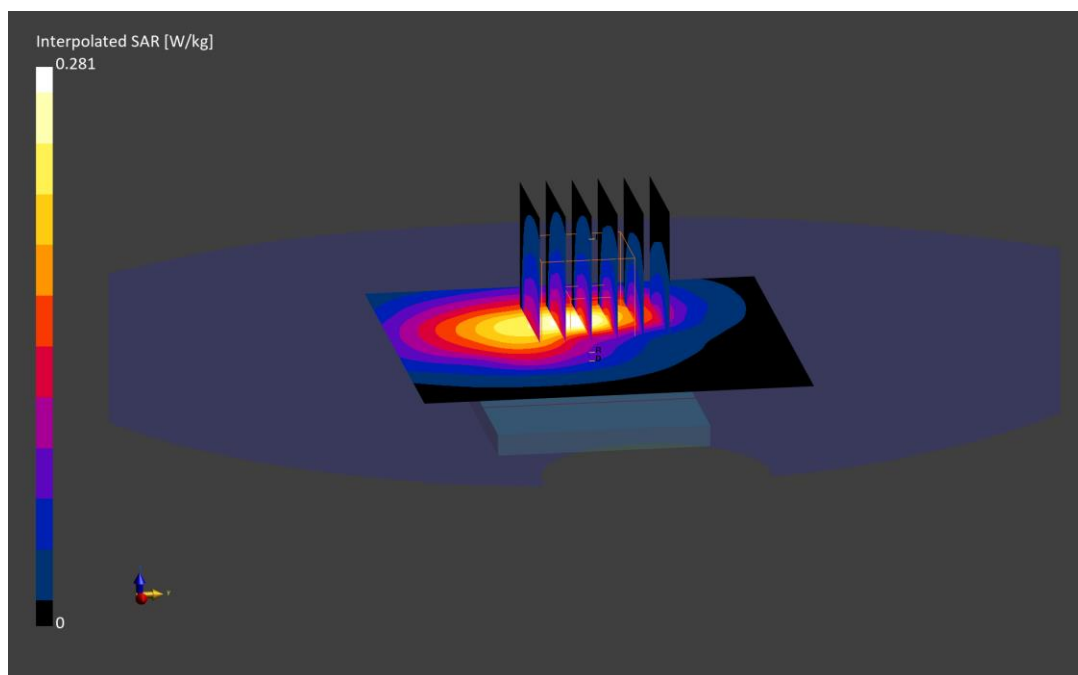
Reference Value = 0.13 W/kg; Power Drift = 0.20 dB

Peak SAR (extrapolated) = 0.281 W/kg

**SAR(1 g) = 0.158 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 = 80.0 %



# ELEMENT

**DUT: BCG-A2986; Type: Watch; Serial: GJV2G7C0FP**

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

Medium: 1900 Head; Medium parameters used:

$f = 1905.0$  MHz; cond = 1.43 S/m; perm = 38.6; density = 1000 kg/m<sup>3</sup>

Phantom Section: Flat; Space: 10.00 mm

Test Date: 06/26/2023; Ambient Temp: 21.1 °C; Tissue Temp: 20.0 °C

Probe: EX3DV4 - SN7421; ConvF:(7.43,7.43,7.43); Calibrated: 2023-03-16

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

Electronics: DAE4 Sn604; Calibrated: 2023-03-15

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

Measurement SW: DASY Module SAR V16.2.0.1425

**Mode: LTE Band 25, Head SAR, Front Side,  
20 MHz Bandwidth, High.ch, QPSK, 1 RB, 0 RB Offset  
Titanium, Fabric 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

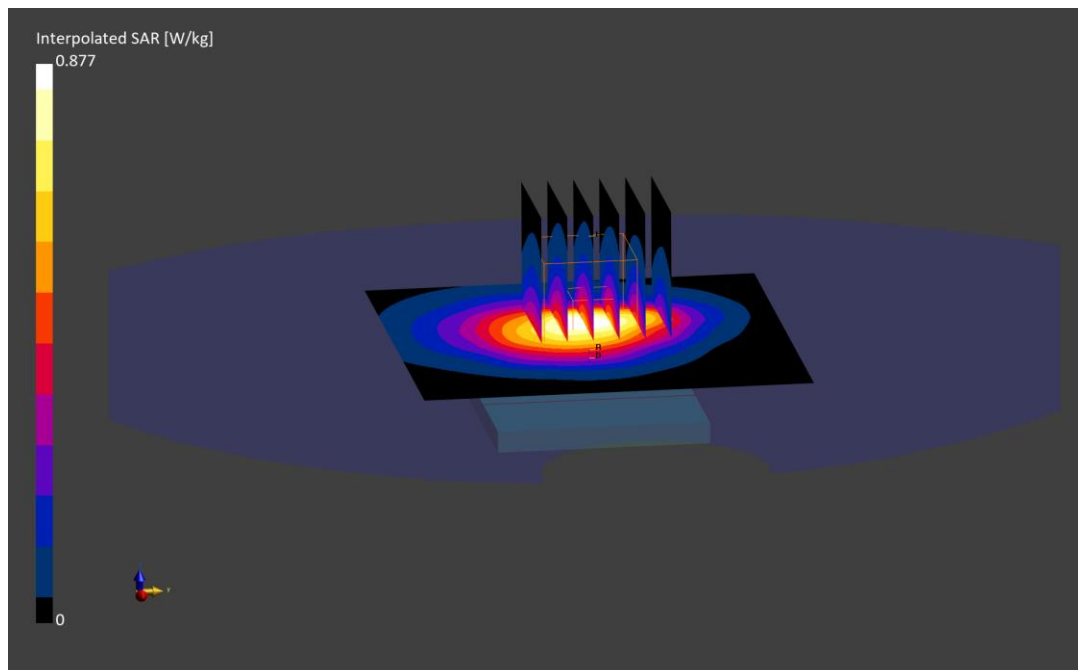
Reference Value = 0.57 W/kg; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 0.877 W/kg

**SAR(1 g) = 0.528 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 = 84.3 %



# ELEMENT

**DUT: BCG-A2986; Type: Watch; Serial: G14Y233GVK**

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

Medium: 2450 Head; Medium parameters used:

$f = 2510.0$  MHz;  $\text{cond} = 1.82$  S/m;  $\text{perm} = 40.5$ ;  $\text{density} = 1000$  kg/m<sup>3</sup>

Phantom Section: Flat; Space: 10.00 mm

Test Date: 07/19/2023; Ambient Temp: 22.3°C; Tissue Temp: 21.3°C

Probe: EX3DV4 - SN7532; ConvF:(7.88,7.88,7.88); Calibrated: 2023-04-18

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

Electronics: DAE4 Sn501; Calibrated: 2023-04-14

Phantom: Twin-SAM V8.0; Serial: 2067

Measurement SW: DASY Module SAR V16.2.0.1425

**Mode: LTE Band 7, Head SAR, Front Side,  
20 MHz Bandwidth, Low.ch, QPSK, 1 RB, 50 RB Offset  
Titanium, Velcro 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

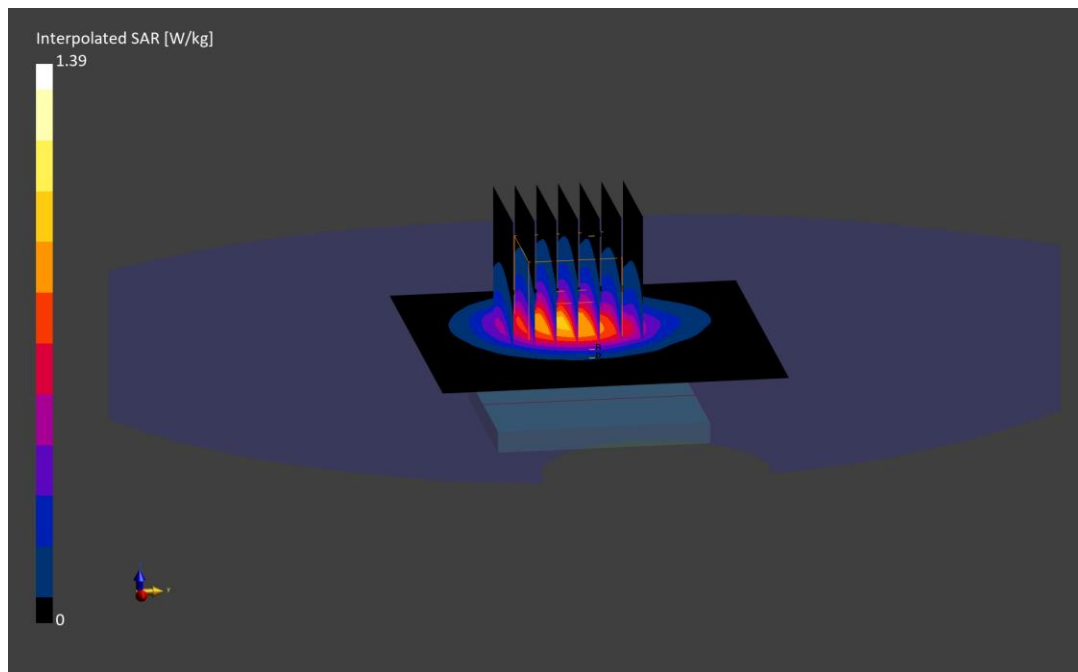
Reference Value = 0.91 W/kg; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 1.39 W/kg

**SAR(1 g) = 0.788 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 = 82.2 %



# ELEMENT

**DUT: BCG-A2986; Type: Watch; Serial: DR4VYCY6KT**

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

Medium: 2450 Head; Medium parameters used:

$f = 2506.0$  MHz;  $\text{cond} = 1.85$  S/m;  $\text{perm} = 38.9$ ;  $\text{density} = 1000$  kg/m<sup>3</sup>

Phantom Section: Flat; Space: 10.00 mm

Test Date: 06/21/2023; Ambient Temp: 21.6°C; Tissue Temp: 20.2°C

Probe: EX3DV4 - SN7532; ConvF:(7.88,7.88,7.88); Calibrated: 2023-04-18

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

Electronics: DAE4 Sn501; Calibrated: 2023-04-14

Phantom: Twin-SAM V8.0; Serial: 2067

Measurement SW: DASY Module SAR V16.2.0.1425

**Mode: LTE Band 41, Head SAR, Front Side,  
20 MHz Bandwidth, Low.ch, QPSK, 1 RB, 99 RB Offset  
Titanium, Fabric 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

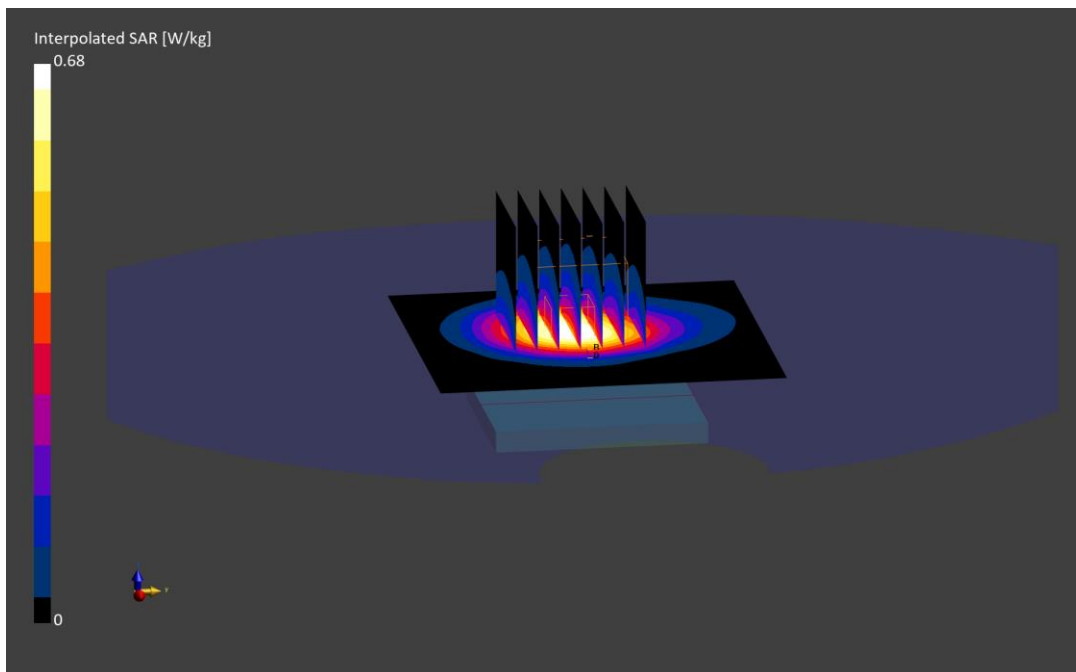
Reference Value = 0.44 W/kg; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 0.680 W/kg

**SAR(1 g) = 0.381 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 = 81.8 %



# ELEMENT

**DUT: BCG-A2986; Type: Watch; Serial: G14Y233GVK**

Communication System: UID:10415 - AAA, WLAN; MAIA: Y; Frequency: 2412.0 MHz

Medium: 2450 Head; Medium parameters used:

$f = 2412.0$  MHz;  $\text{cond} = 1.74$  S/m;  $\text{perm} = 39.2$ ;  $\text{density} = 1000$  kg/m<sup>3</sup>

Phantom Section: Flat; Space: 10.00 mm

Test Date: 06/23/2023; Ambient Temp: 20.6°C; Tissue Temp: 20.0°C

Probe: EX3DV4 - SN7532; ConvF:(7.88,7.88,7.88); Calibrated: 2023-04-18

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

Electronics: DAE4 Sn501; Calibrated: 2023-04-14

Phantom: Twin-SAM V8.0; Serial: 2067

Measurement SW: DASY Module SAR V16.2.0.1425

**Mode: IEEE 802.11b, Front side,  
22 MHz Bandwidth, Head SAR. Ch. 1, 1 Mbps,  
Titanium, Fabric 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

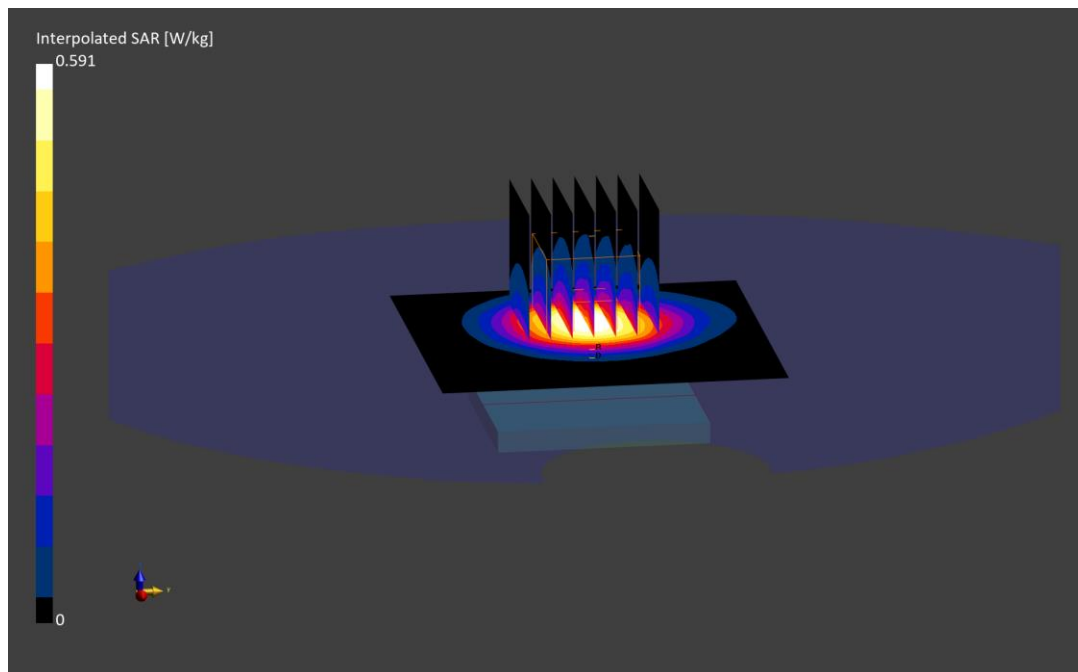
Reference Value = 0.36 W/kg; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.591 W/kg

**SAR(1 g) = 0.330 W/kg**

Smallest distance from peaks to all points 3 dB below is 15.0 mm

Ratio of SAR at M2 to SAR at M1 = 83.6 %



# ELEMENT

**DUT: BCG-A2986; Type: Watch; Serial: JQWJ7DC7RR**

Communication System: UID:10417 - AAC, WLAN; MAIA: Y; Frequency: 5745.0 MHz  
Medium: 5200-5800 Head; Medium parameters used:  
f = 5745.0 MHz; cond = 5.25 S/m; perm = 35.3; density = 1000 kg/m<sup>3</sup>  
Phantom Section: Flat; Space: 10.00 mm

Test Date: 06/26/2023; Ambient Temp: 22.0°C; Tissue Temp: 21.1°C

Probe: EX3DV4 - SN7420; ConvF:(4.8,4.8,4.8); Calibrated: 2022-10-20  
Sensor-Surface: 1.4mm (VMS + 6p)  
Electronics: DAE4 Sn1333; Calibrated: 2022-10-13  
Phantom: Twin-SAM V8.0; Serial: 1736  
Measurement SW: DASY Module SAR V16.2.0.1425

**Mode: IEEE 801.11a, Head SAR, Front Side,  
20 MHz Bandwidth, UNII-3, Ch. 149, 6 Mbps  
Titanium, Fabric 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

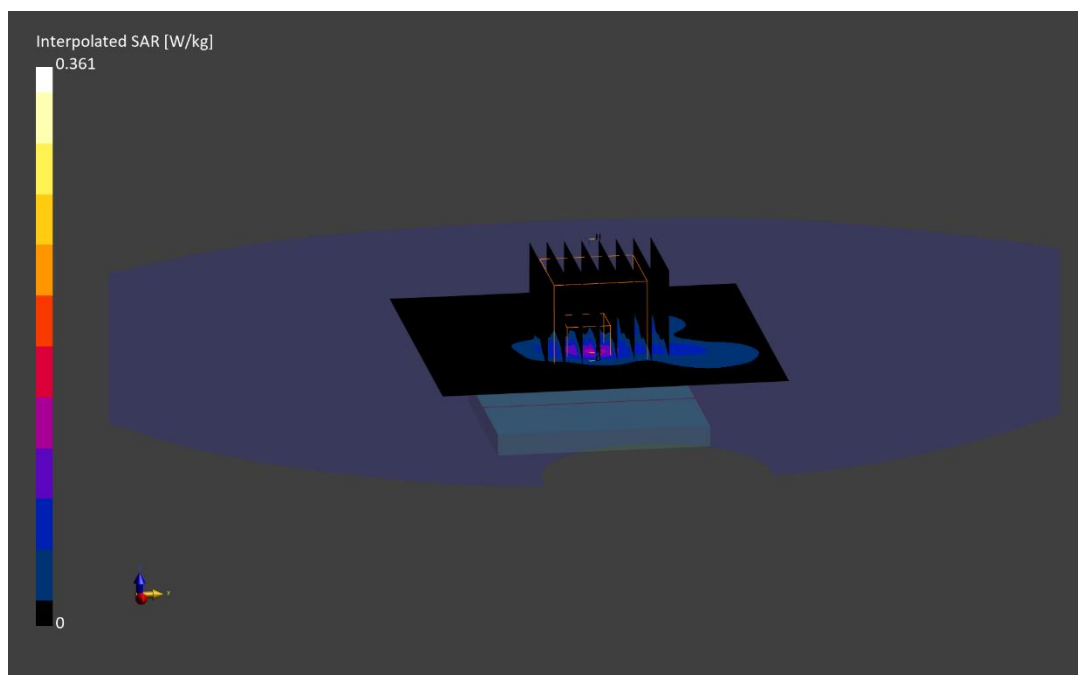
Reference Value = 0.05 W/kg; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 0.361 W/kg

**SAR(1 g) = 0.088 W/kg**

Smallest distance from peaks to all points 3 dB below is 7.4 mm

Ratio of SAR at M2 to SAR at M1 = 62.1 %



# ELEMENT

**DUT: BCG-A2986; Type: Watch; Serial: G14Y233GVK**

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

Medium: 2450 Head; Medium parameters used:

$f = 2441.0$  MHz;  $\text{cond} = 1.76$  S/m;  $\text{perm} = 39.2$ ;  $\text{density} = 1000$  kg/m<sup>3</sup>

Phantom Section: Flat; Space: 10.00 mm

Test Date: 06/23/2023; Ambient Temp: 20.6°C; Tissue Temp: 20.0°C

Probe: EX3DV4 - SN7532; ConvF:(7.88,7.88,7.88); Calibrated: 2023-04-18

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

Electronics: DAE4 Sn501; Calibrated: 2023-04-14

Phantom: Twin-SAM V8.0; Serial: 2067

Measurement SW: DASY Module SAR V16.2.0.1425

**Mode: Bluetooth, Head SAR, Ch.39, 1Mbps, Front Side  
Titanium, Fabric 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

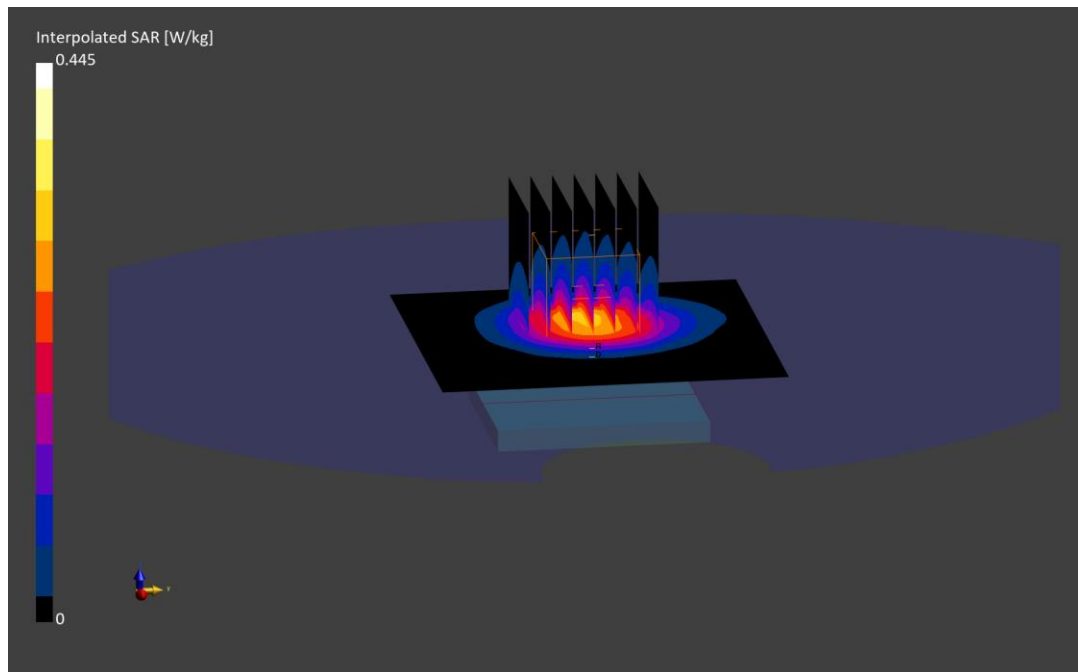
Reference Value = 0.29 W/kg; Power Drift = 0.00 dB

Peak SAR (extrapolated) = 0.445 W/kg

**SAR(1 g) = 0.256 W/kg**

Smallest distance from peaks to all points 3 dB below is 14.9 mm

Ratio of SAR at M2 to SAR at M1 = 82.9 %





# ELEMENT

**DUT: BCG-A2986; Type: Watch; Serial: JQWJ7DC7RR**

Communication System: UID:0 - -, CW; MAIA: Y; Frequency: 5846.25 MHz

Medium: 5200-5800 Head; Medium parameters used:

$f = 5846.25$  MHz;  $\text{cond} = 5.23$  S/m;  $\text{perm} = 34.1$ ;  $\text{density} = 1000$  kg/m<sup>3</sup>

Phantom Section: Flat; Space: 10.00 mm

Test Date: 07/18/2023; Ambient Temp: 21.2°C; Tissue Temp: 19.5°C

Probe: EX3DV4 - SN7427; ConvF:(4.6,4.6,4.6); 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: 802.15.4 ab-NB, Head SAR, Front Side, High.ch, 1000 Kbps  
Titanium, Fabric 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 22.0):** Measurement grid:  $dx=4.0$  mm,  $dy=4.0$  mm,  $dz=1.4$  mm; Graded Ratio: 1.4

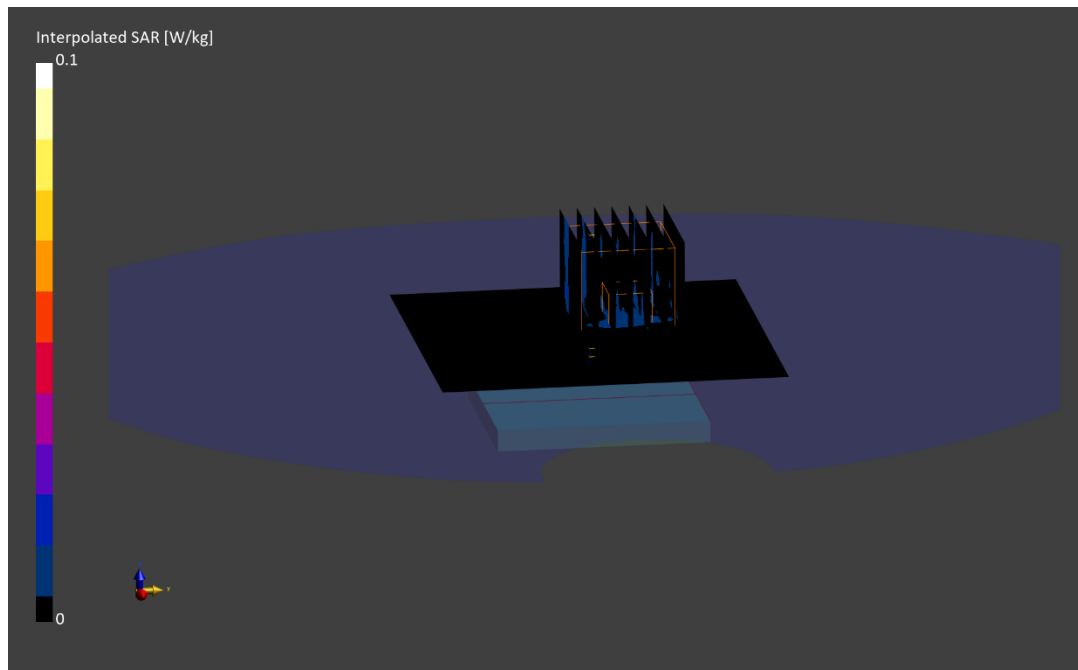
Reference Value = 0.00 W/kg; Power Drift = 0.21 dB

Peak SAR (extrapolated) = 0.042 W/kg

**SAR(1 g) = 0.010 W/kg**

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

Ratio of SAR at M2 to SAR at M1 = 59.8 %



# ELEMENT

**DUT: BCG-A2986; Type: Watch; Serial: HYX46KF72Q**

Communication System: UID:10011 - CAB, WCDMA; MAIA: Y; Frequency: 846.6 MHz

Medium: 835 Head; Medium parameters used:

f = 846.6 MHz; cond = 0.899 S/m; perm = 40.7; density = 1000 kg/m<sup>3</sup>

Phantom Section: Flat; Space: 0.00 mm

Test Date: 07/24/2023; Ambient Temp: 20.7 °C; Tissue Temp: 22.4°C

Probe: EX3DV4 - SN7421; ConvF:(9.12,9.12,9.12); Calibrated: 2023-03-16

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

Electronics: DAE4 Sn604; Calibrated: 2023-03-15

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

Measurement SW: DASY Module SAR V16.2.0.1425

**Mode: UMTS 850, Extremity SAR. Back side, High.ch  
Titanium, Velcro 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=5.3 mm, dy=5.3 mm, dz=1.5 mm; Graded Ratio: 1.5

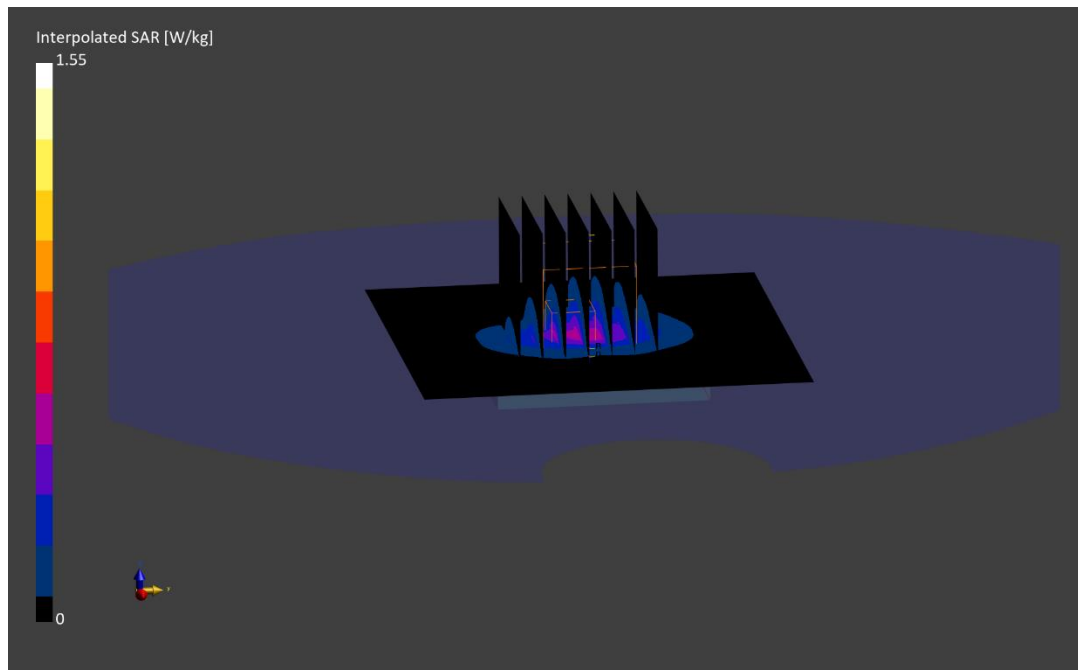
Reference Value = 0.57 W/kg; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 1.55 W/kg

**SAR(10 g) = 0.260 W/kg**

Smallest distance from peaks to all points 3 dB below is 7.8 mm

Ratio of SAR at M2 to SAR at M1 = 64.8 %



# ELEMENT

**DUT: BCG-A2986; Type: Watch; Serial: FQ7GKVG649**

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

Medium: 1750 Head; Medium parameters used:

$f = 1752.6$  MHz;  $\text{cond} = 1.31$  S/m;  $\text{perm} = 40.7$ ;  $\text{density} = 1000$  kg/m<sup>3</sup>

Phantom Section: Flat; Space: 0.00 mm

Test Date: 06/14/2023; Ambient Temp:19.3°C; Tissue Temp: 20.1°C

Probe: EX3DV4 - SN7639; ConvF:(9.3,9.3,9.3); Calibrated: 2022-11-14

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

Electronics: DAE4 Sn1646; Calibrated: 2022-11-10

Phantom: Twin-SAM V8.0; Serial: 1936

Measurement SW: DASY Module SAR V16.2.0.1425

**Mode: UMTS 1750, Extremity SAR. Back side, High.ch  
Titanium, Sport 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

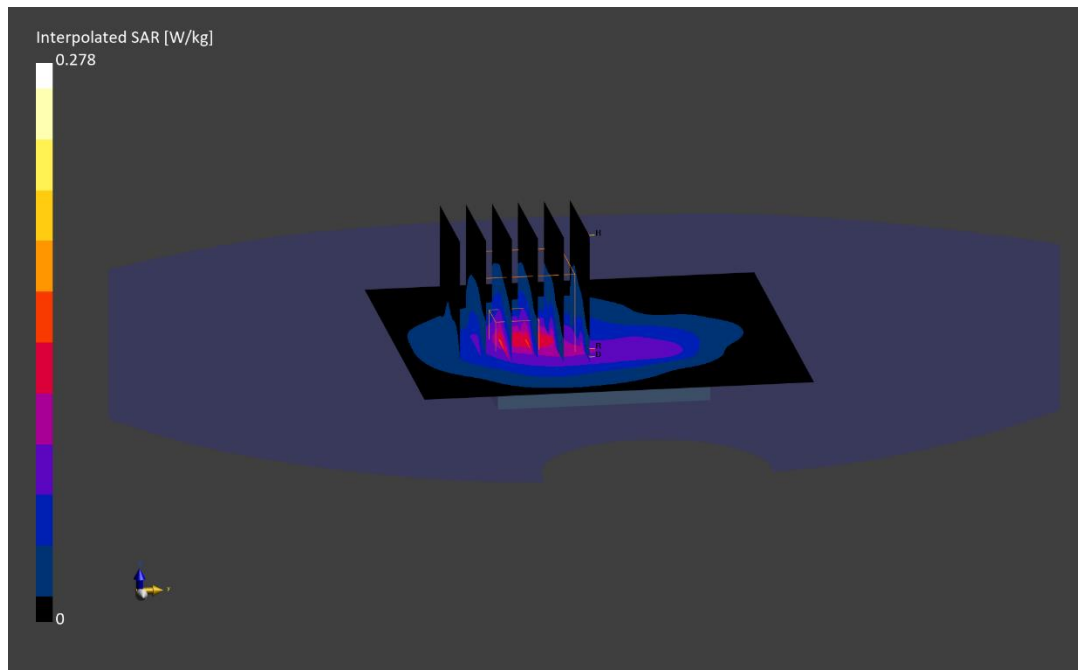
Reference Value = 0.11 W/kg; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 0.278 W/kg

**SAR(10 g) = 0.062 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 = 72.2 %



# ELEMENT

**DUT: BCG-A2986; Type: Watch; Serial: GJV2G7C0FP**

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

Medium: 1900 Head; Medium parameters used:

$f = 1907.6$  MHz;  $\text{cond} = 1.44$  S/m;  $\text{perm} = 38.6$ ;  $\text{density} = 1000$  kg/m<sup>3</sup>

Phantom Section: Flat; Space: 0.00 mm

Test Date: 06/26/2023; Ambient Temp: 21.1 °C; Tissue Temp: 20.0 °C

Probe: EX3DV4 - SN7421; ConvF:(7.43,7.43,7.43); Calibrated: 2023-03-16

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

Electronics: DAE4 Sn604; Calibrated: 2023-03-15

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

Measurement SW: DASY Module SAR V16.2.0.1425

**Mode: UMTS 1900, Extremity SAR. Back side, High.ch  
Titanium, Fabric 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

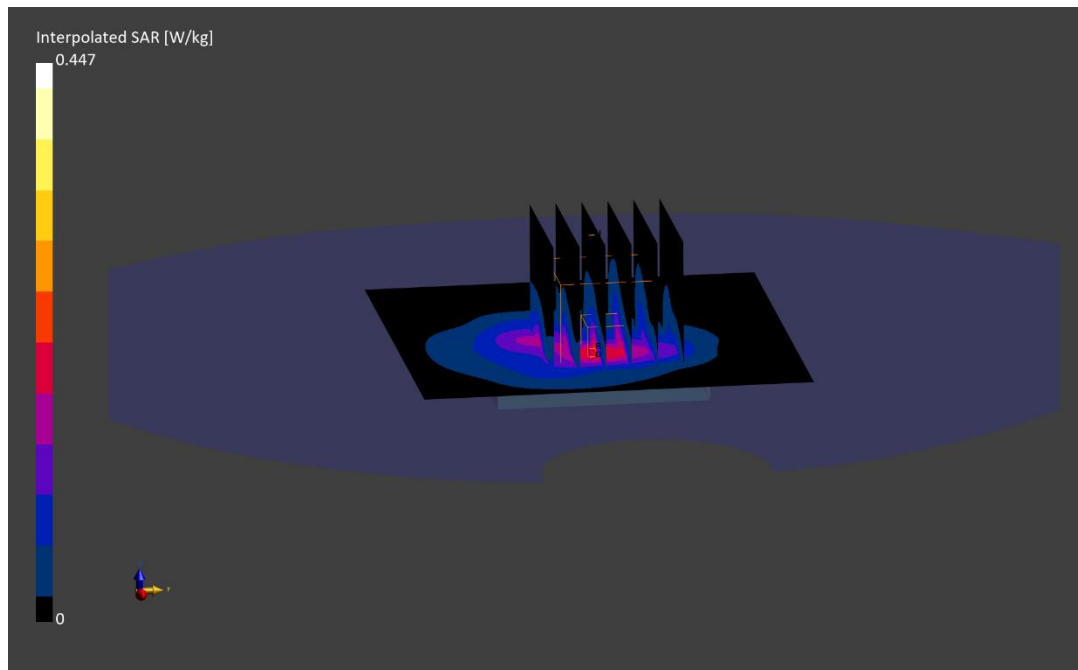
Reference Value = 0.19 W/kg; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 0.447 W/kg

**SAR(10 g) = 0.087 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 = 70.4 %



# ELEMENT

**DUT: BCG-A2986; Type: Watch; Serial: JVPX2G4M64**

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

Medium: 750 Head; Medium parameters used:

$f = 707.5$  MHz;  $\text{cond} = 0.856$  S/m;  $\text{perm} = 43.8$ ;  $\text{density} = 1000$  kg/m<sup>3</sup>

Phantom Section: Flat; Space: 0.00 mm

Test Date: 07/06/2023; Ambient Temp: 22.0°C; Tissue Temp: 21.0°C

Probe: EX3DV4 - SN7421; ConvF:(9.33,9.33,9.33); Calibrated: 2023-03-16

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

Electronics: DAE4 Sn604; Calibrated: 2023-03-15

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

Measurement SW: DASY Module SAR V16.2.0.1425

**Mode: LTE Band 12, Extremity SAR, Back Side,  
10 MHz Bandwidth, Mid.ch, QPSK, 1 RB, 0 RB Offset  
Titanium, Fabric Wristband**

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

**Zoom Scan (34.6 x 34.6 x 30.0):** Measurement grid:  $dx=2.88$  mm,  $dy=2.88$  mm,  $dz=1.5$  mm; Graded Ratio: 1.5

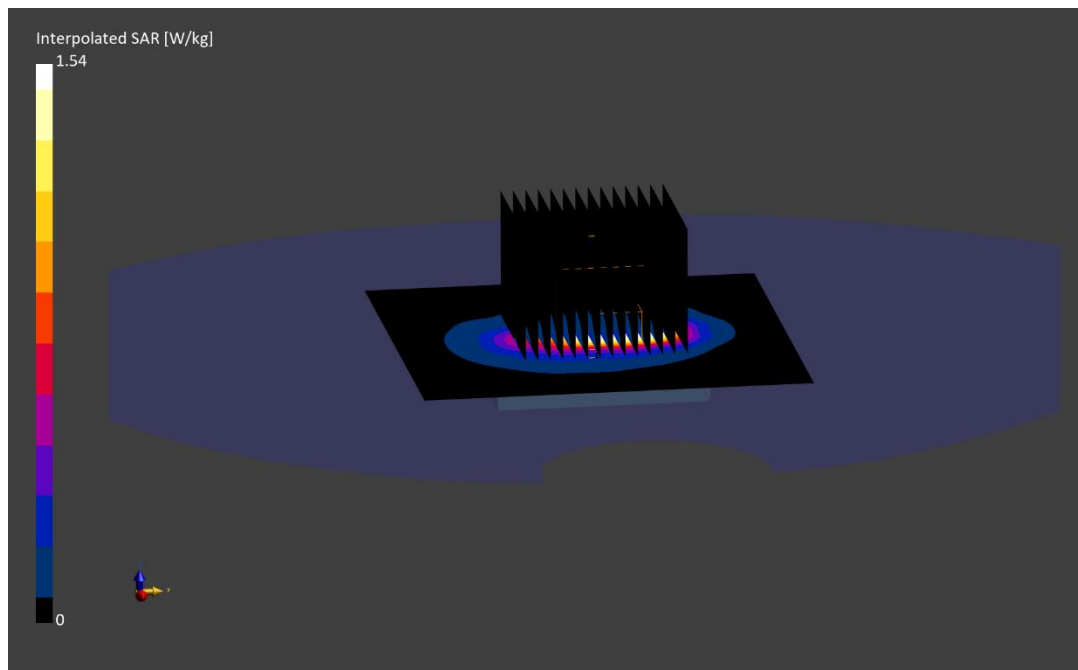
Reference Value = 0.26 W/kg; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 1.54 W/kg

**SAR(10 g) = 0.147 W/kg**

Smallest distance from peaks to all points 3 dB below is 4.2 mm

Ratio of SAR at M2 to SAR at M1 = 48.1 %



# ELEMENT

**DUT: BCG-A2986; Type: Watch; Serial: C2W202JN4G**

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

Medium: 750 Head; Medium parameters used:

$f = 782.0$  MHz;  $\text{cond} = 0.879$  S/m;  $\text{perm} = 40.9$ ;  $\text{density} = 1000$  kg/m<sup>3</sup>

Phantom Section: Flat; Space: 0.00 mm

Test Date: 07/24/2023; Ambient Temp: 20.7 °C; Tissue Temp: 22.4°C

Probe: EX3DV4 - SN7421; ConvF:(9.33,9.33,9.33); Calibrated: 2023-03-16

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

Electronics: DAE4 Sn604; Calibrated: 2023-03-15

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

Measurement SW: DASY Module SAR V16.2.0.1425

**Mode: LTE Band 13, Extremity SAR, Back Side,  
10 MHz Bandwidth, Mid.ch, QPSK, 1 RB, 25 RB Offset  
Titanium. Velcro Wristband**

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

**Zoom Scan (34.0 x 34.0 x 30.0):** Measurement grid:  $dx=3.4$  mm,  $dy=3.4$  mm,  $dz=1.5$  mm; Graded Ratio: 1.5

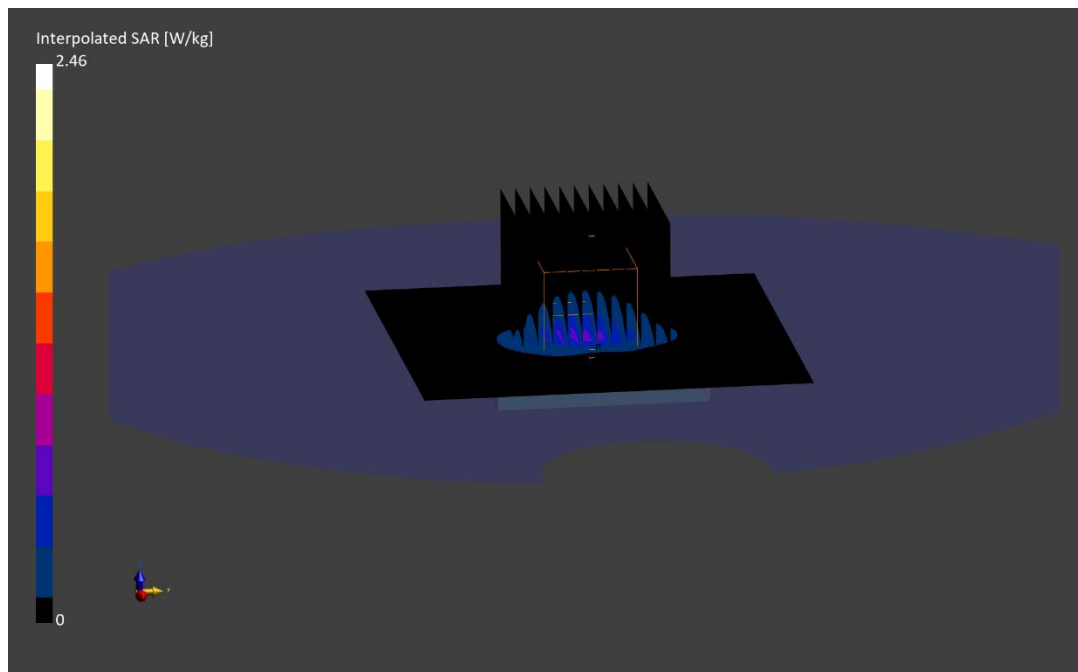
Reference Value = 0.69 W/kg; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 2.46 W/kg

**SAR(10 g) = 0.308 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 = 56.8 %



# ELEMENT

**DUT: BCG-A2986; Type: Watch; Serial: C2W202JN4G**

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

Medium: 750 Head; Medium parameters used:

$f = 793.0$  MHz;  $\text{cond} = 0.883$  S/m;  $\text{perm} = 40.9$ ;  $\text{density} = 1000$  kg/m<sup>3</sup>

Phantom Section: Flat; Space: 0.00 mm

Test Date: 07/24/2023; Ambient Temp: 20.7 °C; Tissue Temp: 22.4°C

Probe: EX3DV4 - SN7421; ConvF:(9.33,9.33,9.33); Calibrated: 2023-03-16

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

Electronics: DAE4 Sn604; Calibrated: 2023-03-15

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

Measurement SW: DASY Module SAR V16.2.0.1425

**Mode: LTE Band 14, Extremity SAR, Back Side,  
10 MHz Bandwidth, Mid.ch, QPSK, 1 RB, 0 RB Offset  
Titanium, Velcro 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:  $dx=5.5$  mm,  $dy=5.5$  mm,  $dz=1.5$  mm; Graded Ratio: 1.5

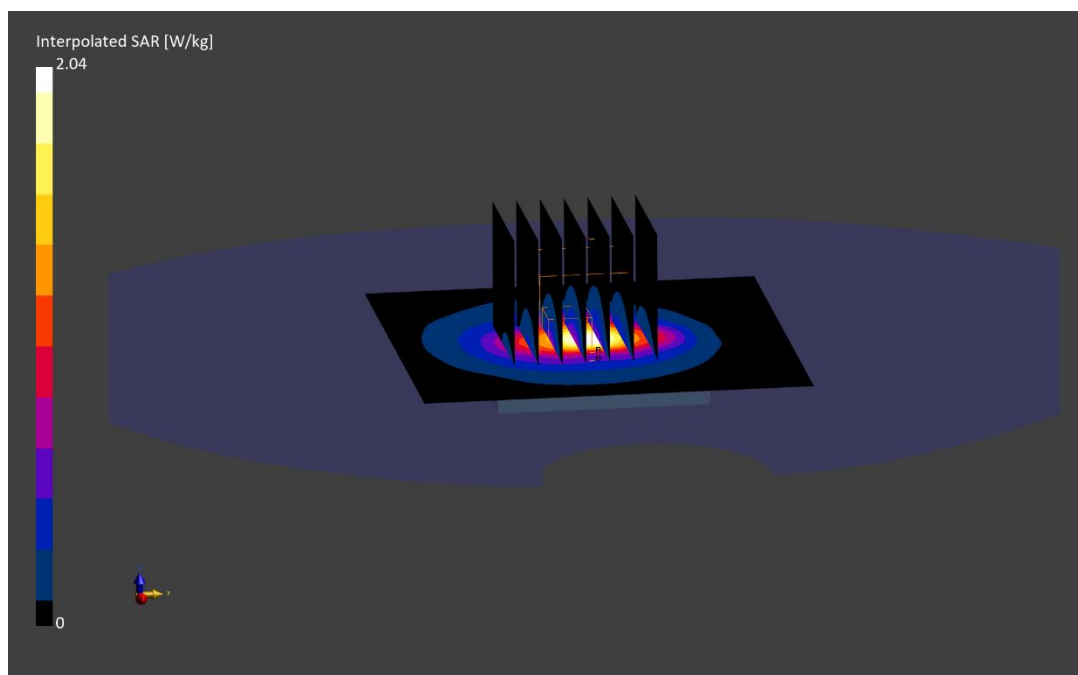
Reference Value = 0.73 W/kg; Power Drift = 0.00 dB

Peak SAR (extrapolated) = 2.04 W/kg

**SAR(10 g) = 0.332 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 = 62.5 %



# ELEMENT

**DUT: BCG-A2986; Type: Watch; Serial: HYX46KF72Q**

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

Medium: 835 Head; Medium parameters used:

$f = 844.0$  MHz;  $\text{cond} = 0.898$  S/m;  $\text{perm} = 40.8$ ;  $\text{density} = 1000$  kg/m<sup>3</sup>

Phantom Section: Flat; Space: 0.00 mm

Test Date: 07/24/2023; Ambient Temp: 20.7 °C; Tissue Temp: 22.4°C

Probe: EX3DV4 - SN7421; ConvF:(9.12,9.12,9.12); Calibrated: 2023-03-16

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

Electronics: DAE4 Sn604; Calibrated: 2023-03-15

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

Measurement SW: DASY Module SAR V16.2.0.1425

**Mode: LTE Band 26, Extremity SAR, Back Side, 10 MHz Bandwidth, High.ch, QPSK, 1 RB, 49 RB Offset Titanium, Velcro 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:  $dx=5.1$  mm,  $dy=5.1$  mm,  $dz=1.5$  mm; Graded Ratio: 1.5

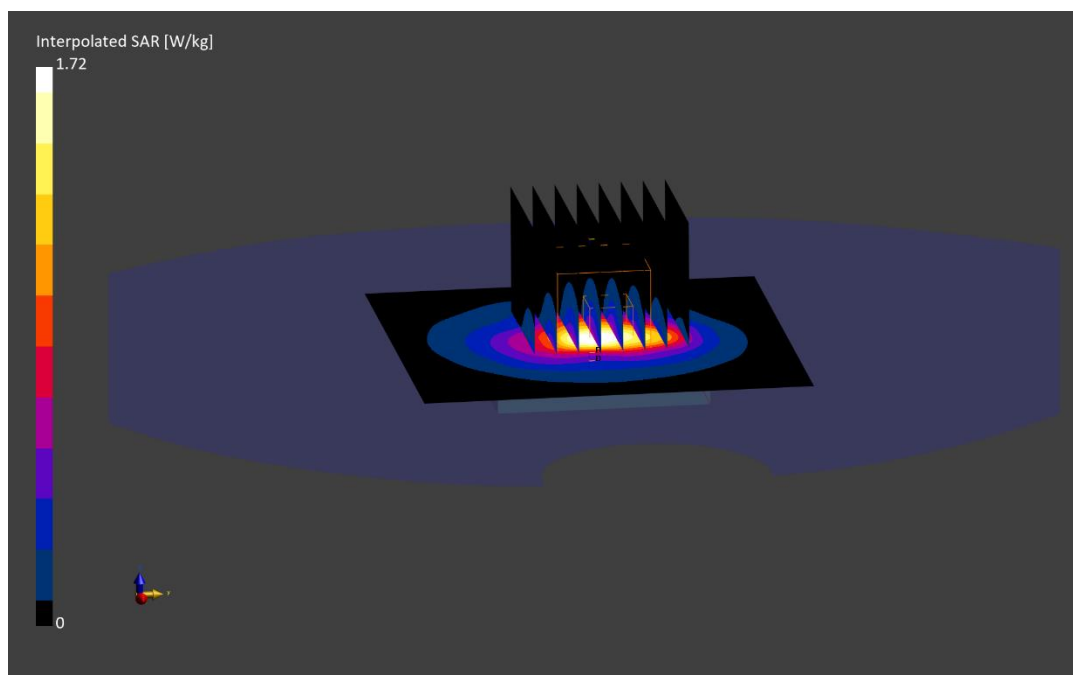
Reference Value = 0.61 W/kg; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 1.72 W/kg

**SAR(10 g) = 0.318 W/kg**

Smallest distance from peaks to all points 3 dB below is 6.5 mm

Ratio of SAR at M2 to SAR at M1 = 62.2 %





# ELEMENT

**DUT: BCG-A2986; Type: Watch; Serial: HYX46KF72Q**

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

Medium: 835 Head; Medium parameters used:

$f = 836.5$  MHz;  $\text{cond} = 0.896$  S/m;  $\text{perm} = 40.8$ ;  $\text{density} = 1000$  kg/m<sup>3</sup>

Phantom Section: Flat; Space: 0.00 mm

Test Date: 07/24/2023; Ambient Temp: 20.7 °C; Tissue Temp: 22.4°C

Probe: EX3DV4 - SN7421; ConvF:(9.12,9.12,9.12); Calibrated: 2023-03-16

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

Electronics: DAE4 Sn604; Calibrated: 2023-03-15

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

Measurement SW: DASY Module SAR V16.2.0.1425

**Mode: LTE Band 5, Extremity SAR, Back Side,  
10 MHz Bandwidth, Mid.ch, QPSK, 1 RB, 0 RB Offset  
Titanium, Velcro 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

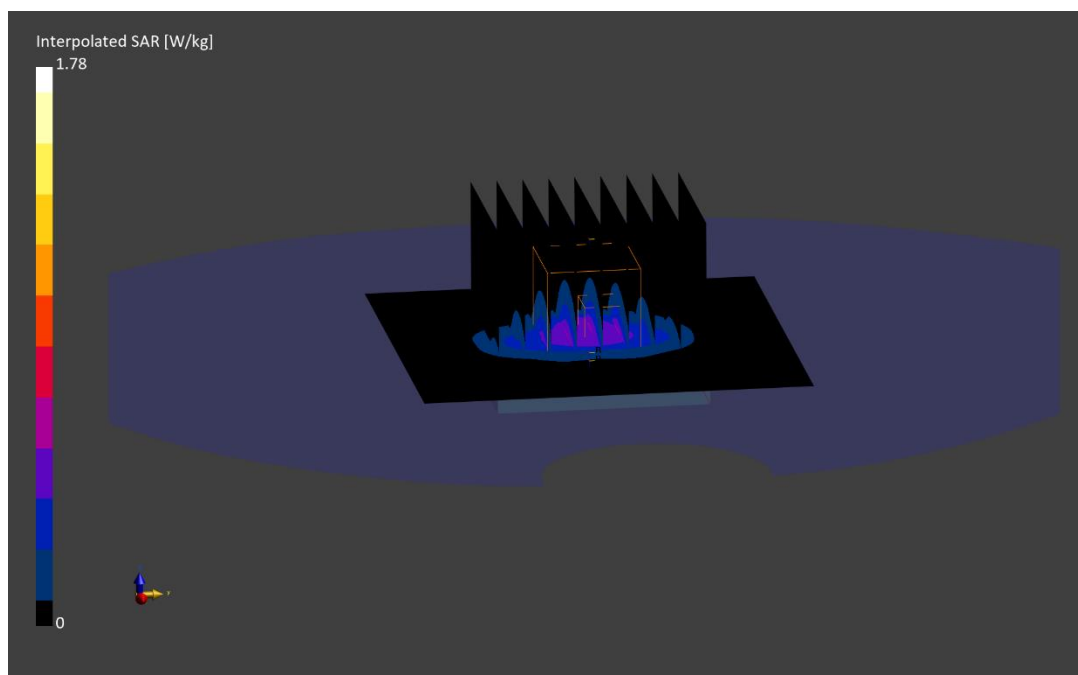
Reference Value = 0.58 W/kg; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 1.78 W/kg

**SAR(10 g) = 0.313 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 = 60.0 %



# ELEMENT

**DUT: BCG-A2986; Type: Watch; Serial: FQ7GKVG649**

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

Medium: 1750 Head; Medium parameters used:

$f = 1745.0$  MHz;  $\text{cond} = 1.36$  S/m;  $\text{perm} = 41.8$ ;  $\text{density} = 1000$  kg/m<sup>3</sup>

Phantom Section: Flat; Space: 0.00 mm

Test Date: 07/19/2023; Ambient Temp: 23.7°C; Tissue Temp: 21.8°C

Probe: EX3DV4 - SN7490; ConvF:(8.65,8.65,8.65); Calibrated: 2022-12-09

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

Electronics: DAE4 Sn1644; Calibrated: 2022-12-13

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

Measurement SW: DASY Module SAR V16.2.0.1425

**Mode: LTE Band 66, Extremity SAR, Back Side,  
20 MHz Bandwidth, Mid.ch, QPSK, 1 RB, 50 RB Offset  
Titanium, Velcro 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

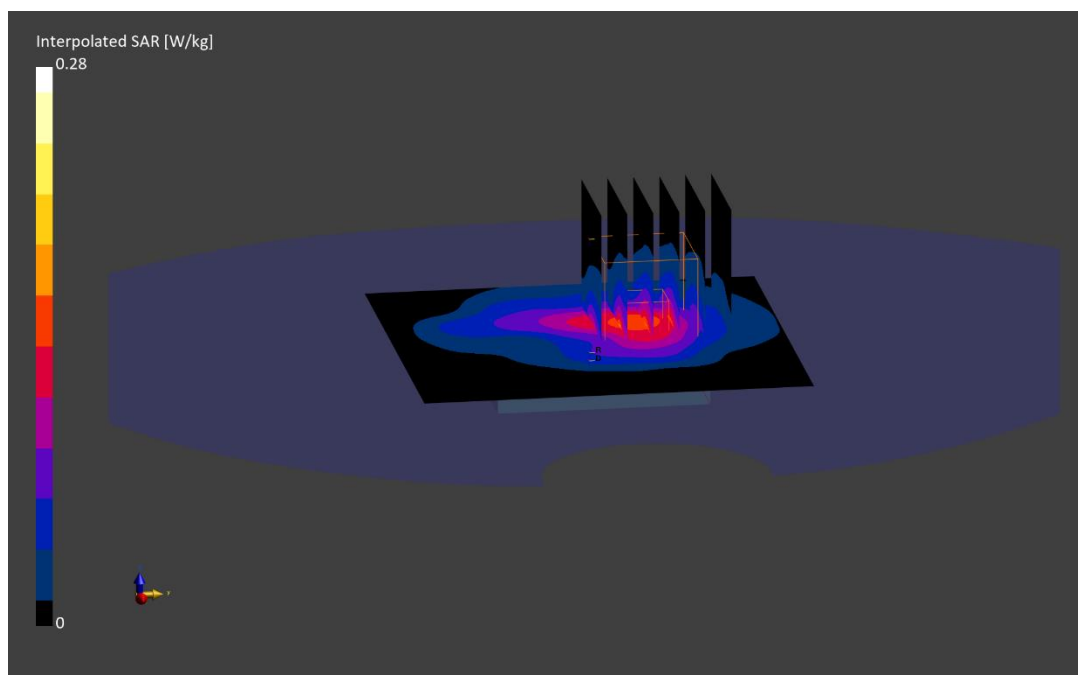
Reference Value = 0.13 W/kg; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 0.280 W/kg

**SAR(10 g) = 0.075 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 = 77.7 %



# ELEMENT

**DUT: BCG-A2986; Type: Watch; Serial: GJV2G7C0FP**

Communication System: UID:10169 - CAE, LTE-FDD; MAIA: Y; Frequency: 1882.5 MHz

Medium: 1900 Head; Medium parameters used:

f = 1882.5 MHz; cond = 1.41 S/m; perm = 38.7; density = 1000 kg/m<sup>3</sup>

Phantom Section: Flat; Space: 0.00 mm

Test Date: 06/26/2023; Ambient Temp: 21.1°C; Tissue Temp: 20.0°C

Probe: EX3DV4 - SN7421; ConvF:(7.43,7.43,7.43); Calibrated: 2023-03-16

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

Electronics: DAE4 Sn604; Calibrated: 2023-03-15

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

Measurement SW: DASY Module SAR V16.2.0.1425

**Mode: LTE Band 25, Extremity SAR, Back Side,  
20 MHz Bandwidth, Mid.ch, QPSK, 1 RB, 99 RB Offset  
Titanium, Sport 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=5.9 mm, dy=5.9 mm, dz=1.5 mm; Graded Ratio: 1.5

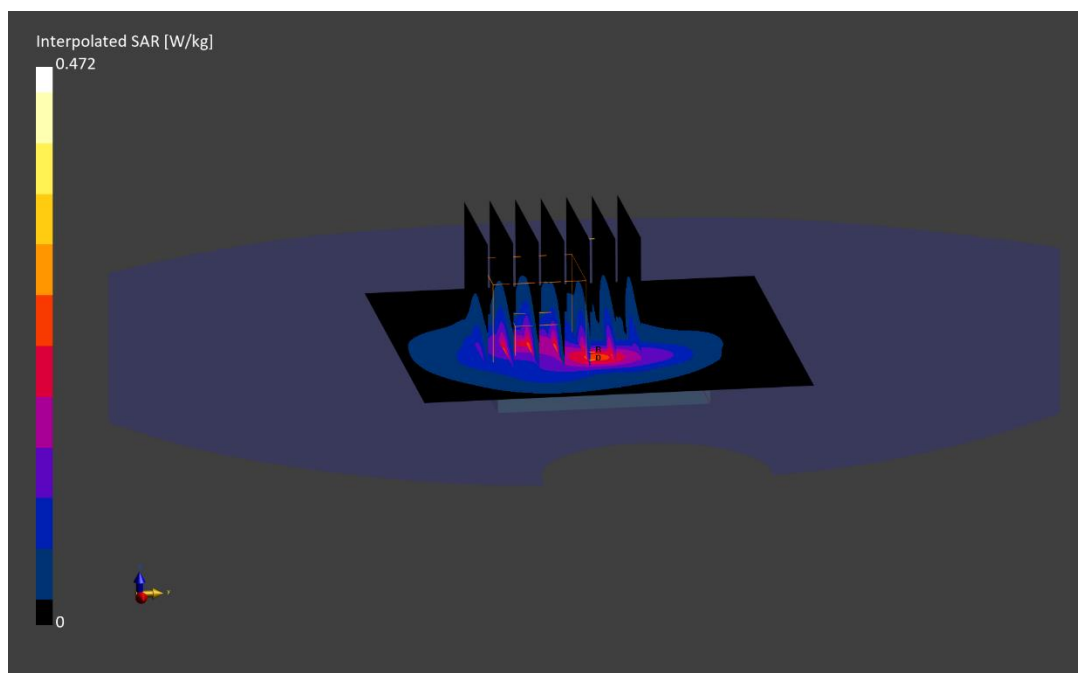
Reference Value = 0.18 W/kg; Power Drift = -0.10 dB

Peak SAR (extrapolated) = 0.473 W/kg

**SAR(10 g) = 0.102 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 = 75.4 %



# ELEMENT

**DUT: BCG-A2986; Type: Watch; Serial: JHY9Q2V77W**

Communication System: UID:10169 - CAE, LTE-FDD; MAIA: Y; Frequency: 2535.0 MHz

Medium: 2450 Head; Medium parameters used:

$f = 2535.0$  MHz;  $\text{cond} = 1.84$  S/m;  $\text{perm} = 39.7$ ;  $\text{density} = 1000$  kg/m<sup>3</sup>

Phantom Section: Flat; Space: 0.00 mm

Test Date: 06/28/2023; Ambient Temp: 22.9°C; Tissue Temp: 20.9°C

Probe: EX3DV4 - SN7308; ConvF:(7.74,7.74,7.74); Calibrated: 2023-02-13

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

Electronics: DAE4 Sn467; Calibrated: 2023-02-15

Phantom: Twin-SAM V4.0; Serial: 1275

Measurement SW: DASY Module SAR V16.2.0.1425

**Mode: LTE Band 7, Extremity SAR, Back Side,  
20 MHz Bandwidth, Mid.ch, QPSK, 1 RB, 99 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

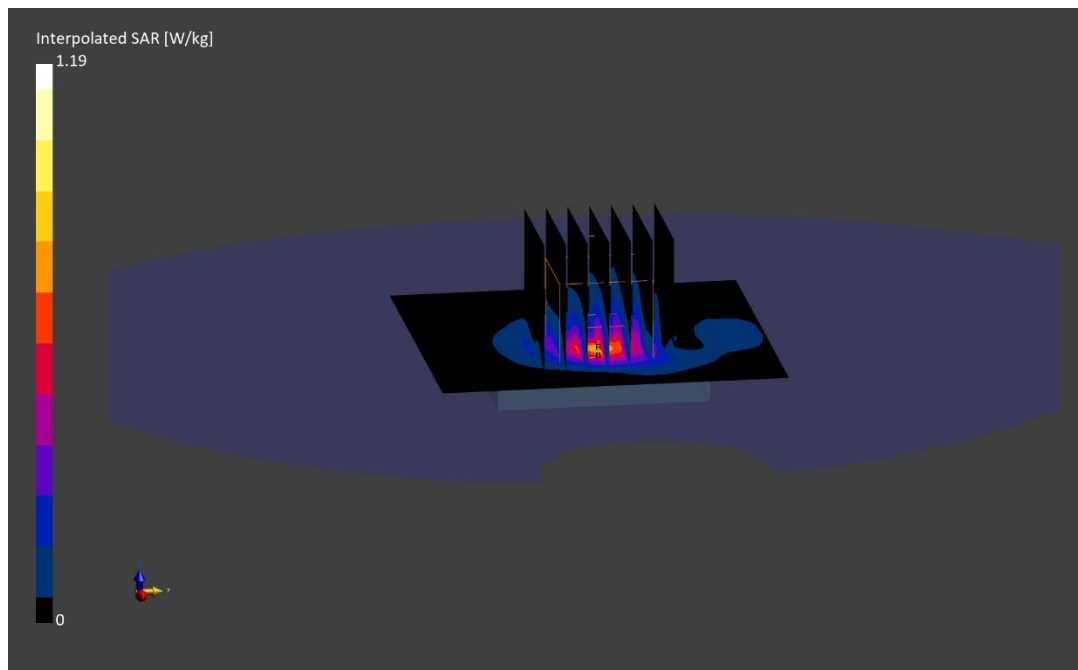
Reference Value = 0.83 W/kg; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 1.19 W/kg

**SAR(10 g) = 0.262 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 = 82.7 %



# ELEMENT

**DUT: BCG-A2986; Type: Watch; Serial: DR4VYCY6KT**

Communication System: UID:10435 - AAF, LTE-TDD; MAIA: Y; Frequency: 2549.5 MHz

Medium: 2450 Head; Medium parameters used:

$f = 2549.5$  MHz;  $\text{cond} = 1.85$  S/m;  $\text{perm} = 40.0$ ;  $\text{density} = 1000$  kg/m<sup>3</sup>

Phantom Section: Flat; Space: 0.00 mm

Test Date: 07/21/2023; Ambient Temp: 21.4°C; Tissue Temp: 21.0°C

Probe: EX3DV4 - SN7532; ConvF:(7.53,7.53,7.53); Calibrated: 2023-04-18

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

Electronics: DAE4 Sn501; Calibrated: 2023-04-14

Phantom: Twin-SAM V8.0; Serial: 2067

Measurement SW: DASY Module SAR V16.2.0.1425

**Mode: LTE Band 41, Extremity SAR, Back Side,  
20 MHz Bandwidth, Low-Mid.ch, QPSK, 1 RB, 0 RB Offset  
Titanium, Velcro 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

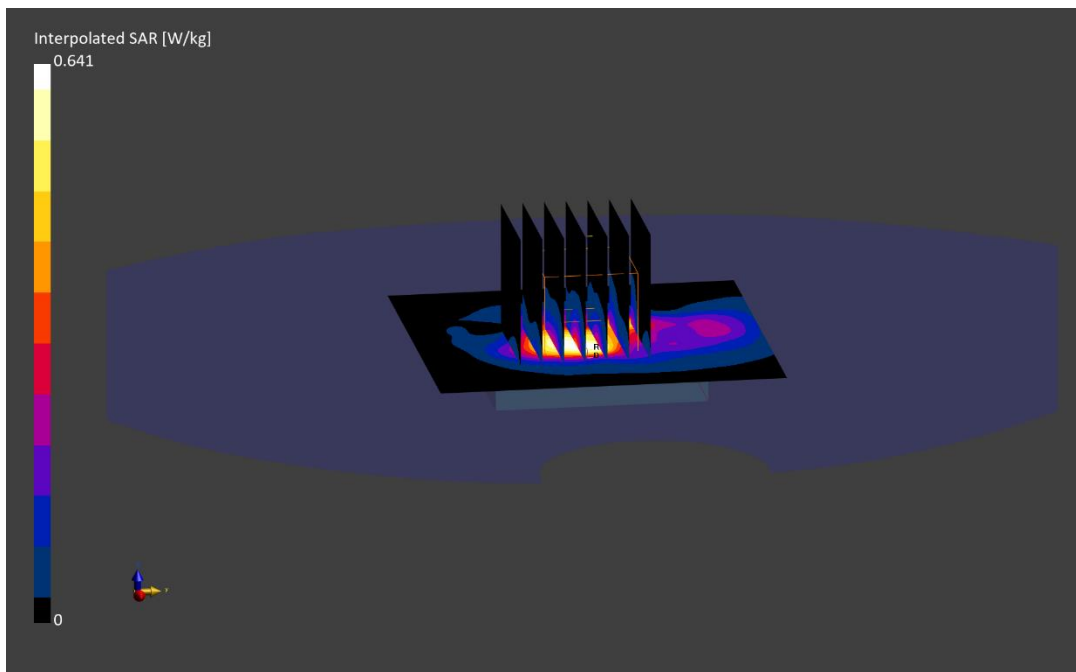
Reference Value = 0.34 W/kg; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.641 W/kg

**SAR(10 g) = 0.115 W/kg**

Smallest distance from peaks to all points 3 dB below is 8.0 mm

Ratio of SAR at M2 to SAR at M1 = 78.1 %



# ELEMENT

**DUT: BCG-A2986; Type: Watch; Serial: G14Y233GVK**

Communication System: UID:10415 - AAA, WLAN; MAIA: Y; Frequency: 2412.0 MHz

Medium: 2450 Head; Medium parameters used:

$f = 2412.0$  MHz;  $\text{cond} = 1.73$  S/m;  $\text{perm} = 40.1$ ;  $\text{density} = 1000$  kg/m<sup>3</sup>

Phantom Section: Flat; Space: 0.00 mm

Test Date: 06/26/2023; Ambient Temp: 22.5°C; Tissue Temp: 20.6°C

Probe: EX3DV4 - SN7308; ConvF:(7.91,7.91,7.91); Calibrated: 2023-02-13

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

Electronics: DAE4 Sn467; Calibrated: 2023-02-15

Phantom: Twin-SAM V4.0; Serial: 1275

Measurement SW: DASY Module SAR V16.2.0.1425

**Mode: IEEE 802.11b, Extremity SAR, Back side,  
22 MHz Bandwidth, Ch. 1, 1 Mbps,  
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

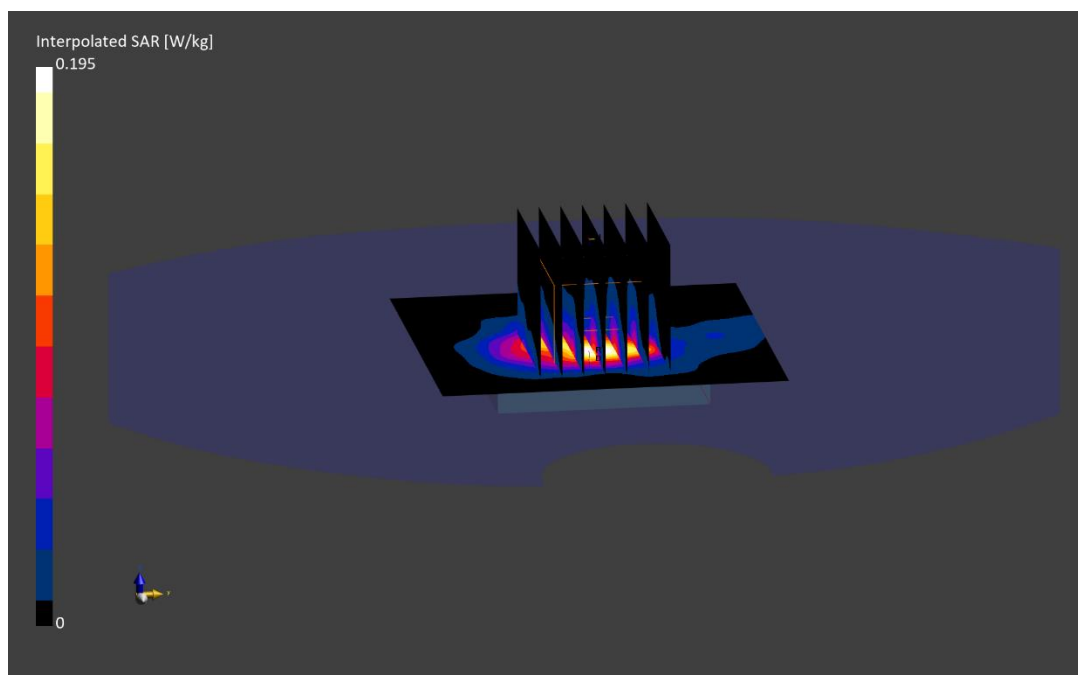
Reference Value = 0.13 W/kg; Power Drift = 0.00 dB

Peak SAR (extrapolated) = 0.195 W/kg

**SAR(10 g) = 0.042 W/kg**

Smallest distance from peaks to all points 3 dB below is 6.5 mm

Ratio of SAR at M2 to SAR at M1 = 78.8 %



# ELEMENT

**DUT: BCG-A2986; Type: Watch; Serial: JQWJ7DC7RR**

Communication System: UID:10417 - AAC, WLAN; MAIA: Y; Frequency: 5745.0 MHz  
Medium: 5200-5800 Head; Medium parameters used:  
f = 5745.0 MHz; cond = 5.25 S/m; perm = 35.3; density = 1000 kg/m<sup>3</sup>  
Phantom Section: Flat; Space: 0.00 mm

Test Date: 06/26/2023; Ambient Temp: 22.0°C; Tissue Temp: 21.1°C

Probe: EX3DV4 - SN7420; ConvF:(4.8,4.8,4.8); Calibrated: 2022-10-20  
Sensor-Surface: 1.4mm (VMS + 6p)  
Electronics: DAE4 Sn1333; Calibrated: 2022-10-13  
Phantom: Twin-SAM V8.0; Serial: 1736  
Measurement SW: DASY Module SAR V16.2.0.1425

**Mode: IEEE 801.11a, Extremity SAR, Back Side,  
20 MHz Bandwidth, UNII-3, Ch. 149, 6.0 Mbps,  
Titanium, Fabric 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=2.8 mm, dy=2.8 mm, dz=1.2 mm; Graded Ratio: 1.2

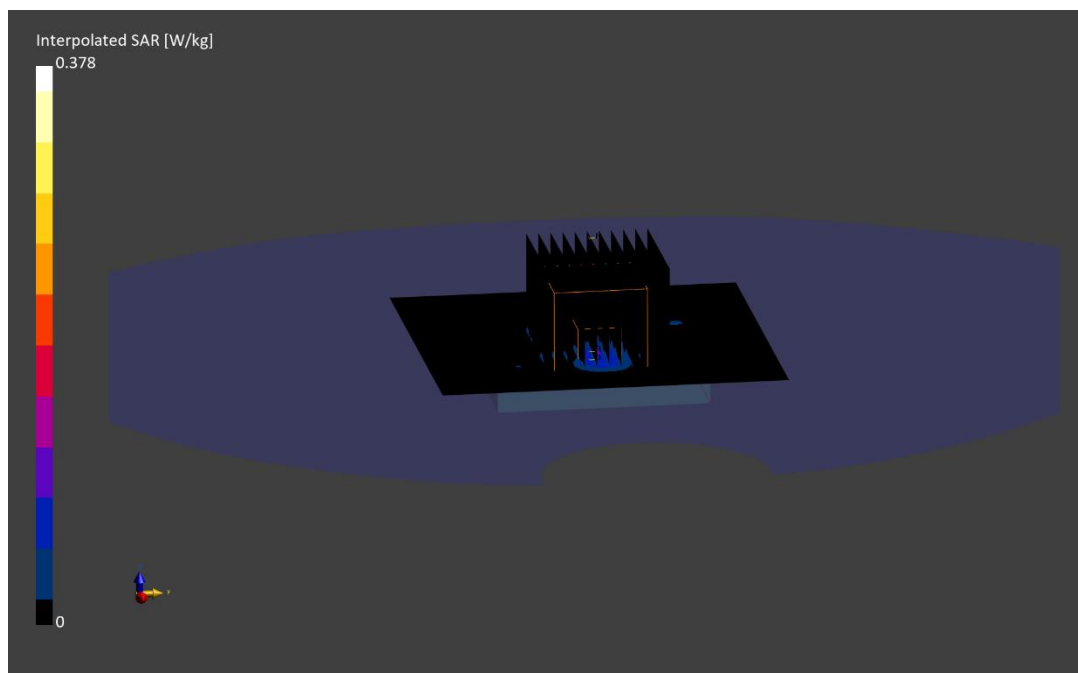
Reference Value = 0.04 W/kg; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 0.378 W/kg

**SAR(10 g) = 0.016 W/kg**

Smallest distance from peaks to all points 3 dB below is 4.3 mm

Ratio of SAR at M2 to SAR at M1 = 56.0 %



# ELEMENT

**DUT: BCG-A2986; Type: Watch; Serial: G14Y233GVK**

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

Medium: 2450 Head; Medium parameters used:

$f = 2441.0$  MHz;  $\text{cond} = 1.75$  S/m;  $\text{perm} = 40.1$ ;  $\text{density} = 1000$  kg/m<sup>3</sup>

Phantom Section: Flat; Space: 0.00 mm

Test Date: 06/26/2023; Ambient Temp: 22.5°C; Tissue Temp: 20.6°C

Probe: EX3DV4 - SN7308; ConvF:(7.91,7.91,7.91); Calibrated: 2023-02-13

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

Electronics: DAE4 Sn467; Calibrated: 2023-02-15

Phantom: Twin-SAM V4.0; Serial: 1275

Measurement SW: DASY Module SAR V16.2.0.1425

**Mode: Bluetooth, Extremity SAR, Ch.39, 1Mbps, Back Side  
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

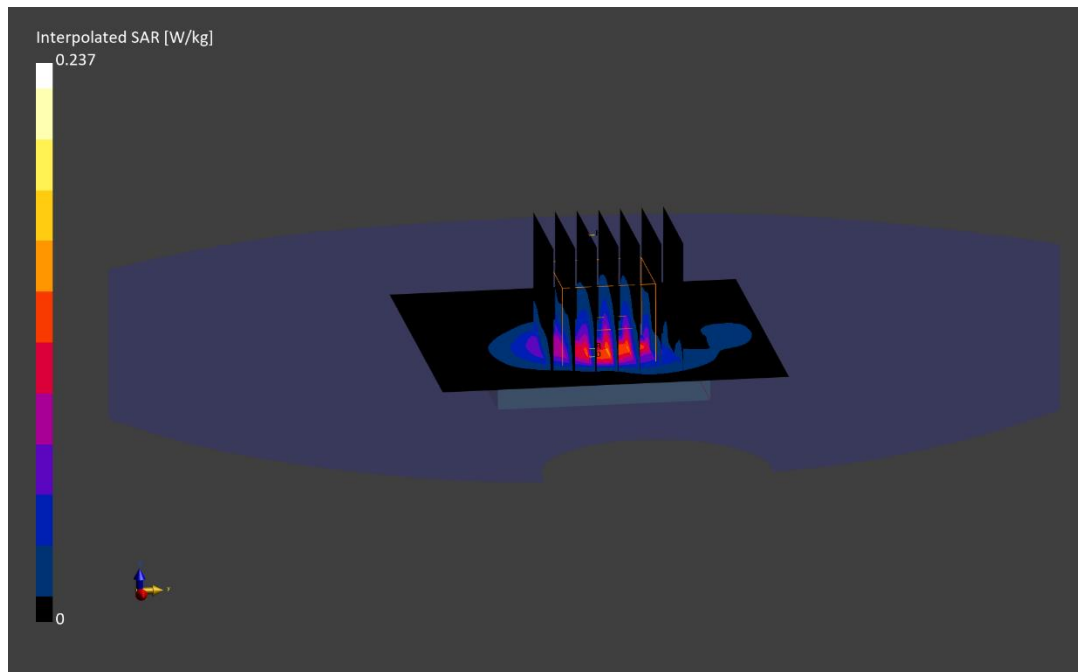
Reference Value = 0.14 W/kg; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 0.237 W/kg

**SAR(10 g) = 0.054 W/kg**

Smallest distance from peaks to all points 3 dB below is 8.0 mm

Ratio of SAR at M2 to SAR at M1 = 80.7 %





# ELEMENT

**DUT: BCG-A2986; Type: Watch; Serial: JVPX2G4M64**

Communication System: UID:0 - -, CW; MAIA: Y; Frequency: 5846.25 MHz

Medium: 5200-5800 Head; Medium parameters used:

$f = 5846.25$  MHz;  $\text{cond} = 5.16$  S/m;  $\text{perm} = 34.6$ ;  $\text{density} = 1000$  kg/m<sup>3</sup>

Phantom Section: Flat; Space: 0.00 mm

Test Date: 07/19/2023; Ambient Temp: 22.5°C; Tissue Temp: 20.7°C

Probe: EX3DV4 - SN7420; ConvF:(4.8,4.8,4.8); Calibrated: 2022-10-20

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

Electronics: DAE4 Sn1333; Calibrated: 2022-10-13

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

Measurement SW: DASY Module SAR V16.2.0.1425

**Mode: 802.15.4 ab-NB, Extremity SAR, Back Side, High.ch, 1000 kbps  
Titanium, 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 22.0):** 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 = -0.21 dB

Peak SAR (extrapolated) = 0.037 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 = N/A

