

APPENDIX A: SAR TEST PLOTS

ELEMENT

DUT: A3LSMS938B; Type: Portable Handset; Serial: 0832M

Communication System: UID:10021 - DAC, GSM; MAIA: Y; Frequency: 824.200 MHz

Medium: 835 Head; Medium parameters used:

f = 824.200 MHz; cond = 0.906 S/m; perm = 42.6; density = 1000 kg/m³

Phantom Section: LeftHead; Space: 0.00 mm

Test Date: 10/02/2024; Ambient Temp: 22.7°C; Tissue Temp: 21.7°C

Probe: EX3DV4 - SN7558; ConvF:(9.68,9.17,9.65); Calibrated: 2024-09-11

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

Electronics: DAE4 Sn1364; Calibrated: 2024-09-10

Phantom: Twin-SAM V8.0; Serial: 1934

Measurement SW: DASY Module SAR V16.4.0.5005

Mode: GSM 850, Antenna E, Exp: Head| Left Cheek, Ch. Low

Area Scan (120.0 x 210.0): 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

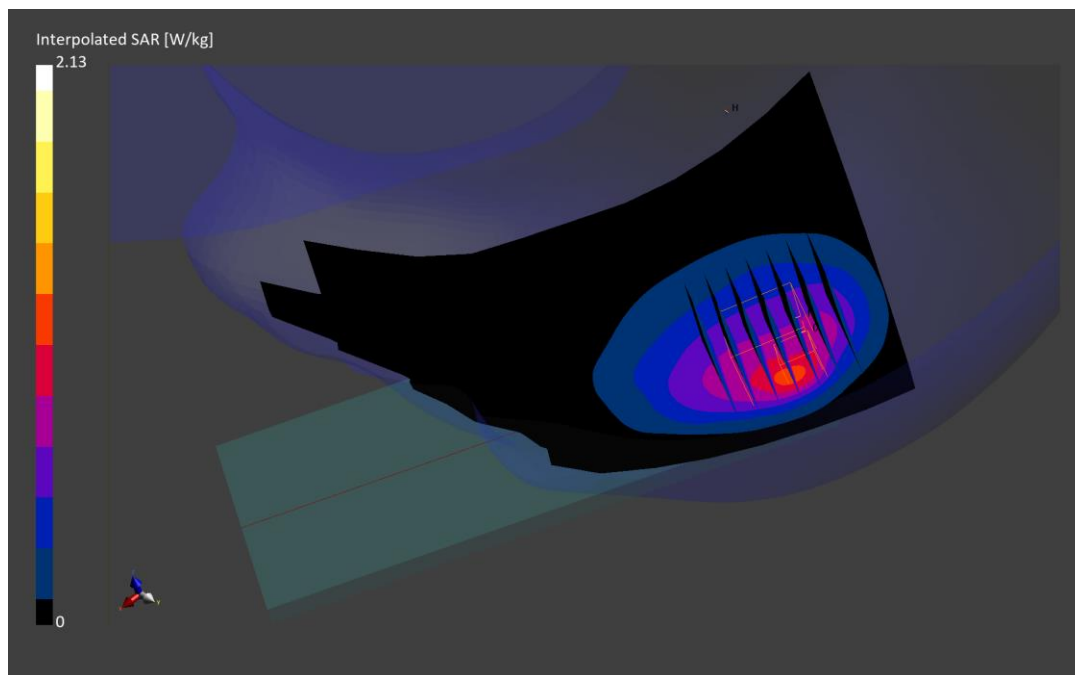
Reference Value = 0.70 W/kg; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 2.13 W/kg

SAR(1 g) = 0.930 W/kg

Smallest distance from peaks to all points 3 dB below is 8.7 mm

Ratio of SAR at M2 to SAR at M1 = 74.3 %



ELEMENT

DUT: A3LSMS938B; Type: Portable Handset; Serial: 0832M

Communication System: UID:10027 - DAC, GSM; MAIA: Y; Frequency: 836.600 MHz

Medium: 835 Head; Medium parameters used:

f = 836.600 MHz; cond = 0.921 S/m; perm = 42.2; density = 1000 kg/m³

Phantom Section: Flat; Space: 10.00 mm

Test Date: 10/23/2024; Ambient Temp: 20.5°C; Tissue Temp: 20.5°C

Probe: EX3DV4 - SN7402; ConvF:(8.42,9.63,9.16); Calibrated: 2024-05-10

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

Electronics: DAE4 Sn1502; Calibrated: 2024-05-08

Phantom: Twin-SAM V5.0; Serial: 1797

Measurement SW: DASY Module SAR V16.4.0.5005

Mode: GPRS 850, Antenna E, Exp: Body-worn| Back Side, Ch. Mid, 3 Tx Slots

Area Scan (120.0 x 210.0): 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

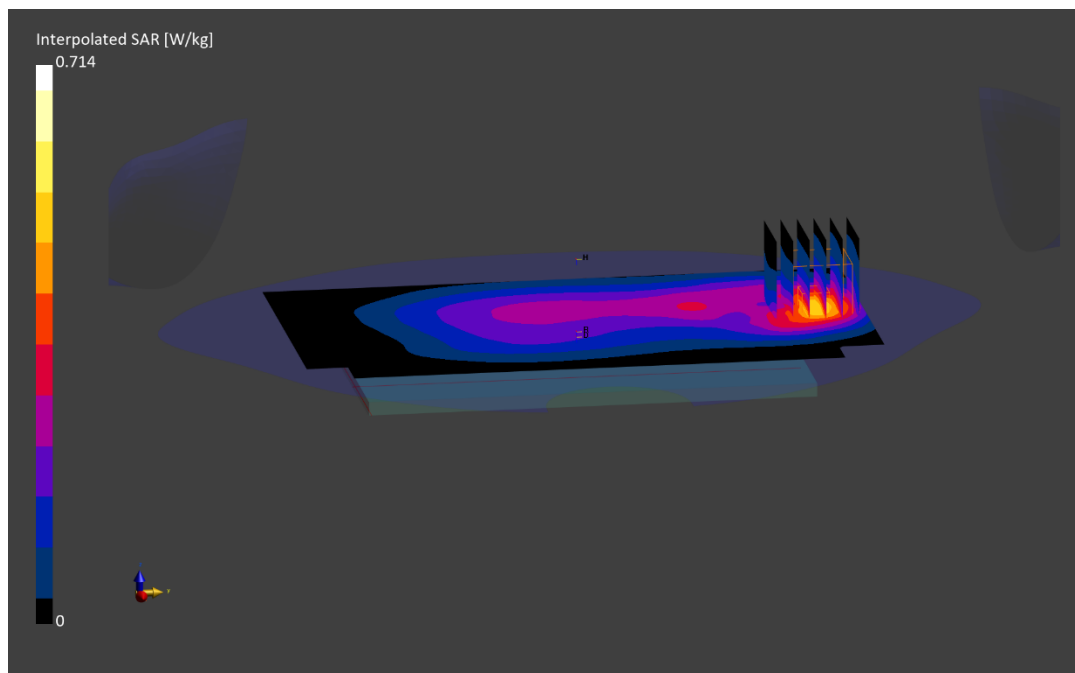
Reference Value = 0.40 W/kg; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 0.714 W/kg

SAR(1 g) = 0.443 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 = 87.9 %



ELEMENT

DUT: A3LSMS938B; Type: Portable Handset; Serial: 0832M

Communication System: UID:10027 - DAC, GSM; MAIA: Y; Frequency: 836.600 MHz

Medium: 835 Head; Medium parameters used:

f = 836.600 MHz; cond = 0.911 S/m; perm = 42.6; density = 1000 kg/m³

Phantom Section: Flat; Space: 10.00 mm

Test Date: 10/02/2024; Ambient Temp: 22.7°C; Tissue Temp: 21.7°C

Probe: EX3DV4 - SN7558; ConvF:(9.68,9.17,9.65); Calibrated: 2024-09-11

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

Electronics: DAE4 Sn1364; Calibrated: 2024-09-10

Phantom: Twin-SAM V8.0; Serial: 1934

Measurement SW: DASY Module SAR V16.4.0.5005

Mode: GPRS 850, Antenna E, Exp: Hotspot| Top Edge, Ch. Mid, 3 Tx Slots

Area Scan (40.0 x 120.0): Measurement grid: dx=5.0 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

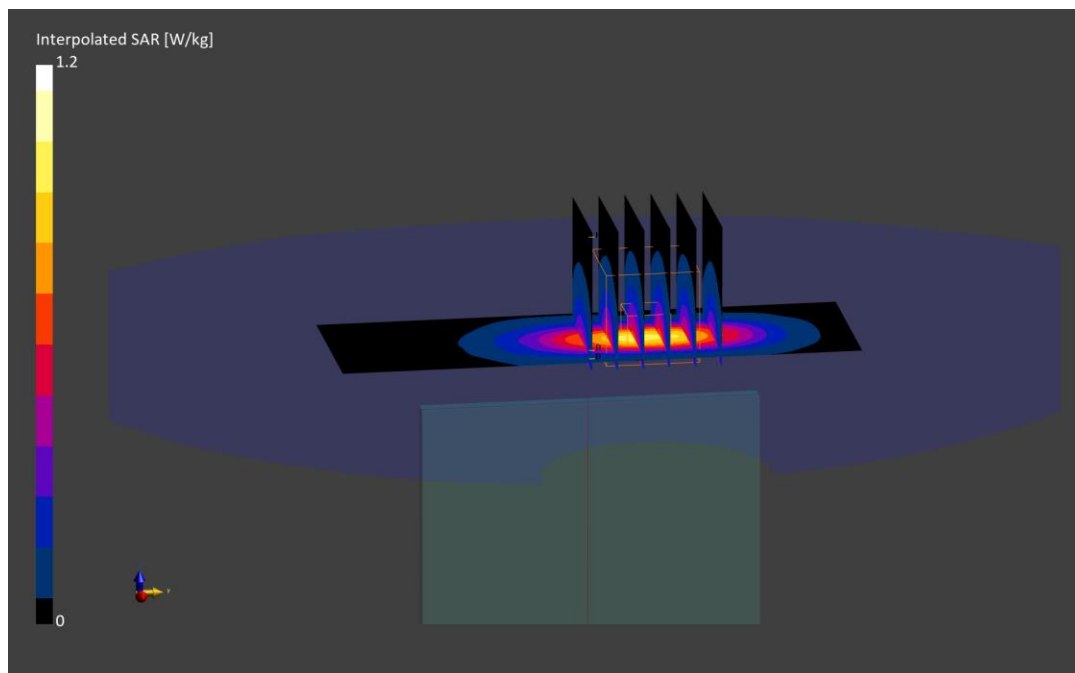
Reference Value = 0.55 W/kg; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 1.20 W/kg

SAR(1 g) = 0.592 W/kg

Smallest distance from peaks to all points 3 dB below is 8.4 mm

Ratio of SAR at M2 to SAR at M1 = 80.0 %



ELEMENT

DUT: A3LSMS938B; Type: Portable Handset; Serial: 0820M

Communication System: UID:10021 - DAC, GSM; MAIA: Y; Frequency: 1850.200 MHz

Medium: 1900 Head; Medium parameters used:

$f = 1850.200$ MHz; $\text{cond} = 1.41$ S/m; $\text{perm} = 39.2$; $\text{density} = 1000$ kg/m³

Phantom Section: RightHead; Space: 0.00 mm

Test Date: 10/02/2024; Ambient Temp: 20.0°C; Tissue Temp: 19.3°C

Probe: EX3DV4 - SN7565; ConvF:(8.53,7.25,7.16); Calibrated: 2024-01-16

Sensor-Surface: 1.4mm (All points)

Electronics: DAE4 Sn1466; Calibrated: 2024-01-16

Phantom: Twin-SAM V5.0; Serial: 1868

Measurement SW: DASY Module SAR V16.4.0.5005

Mode: GSM 1900, Antenna A, Exp: Head| Right Cheek, Ch. Low

Area Scan (120.0 x 210.0): 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

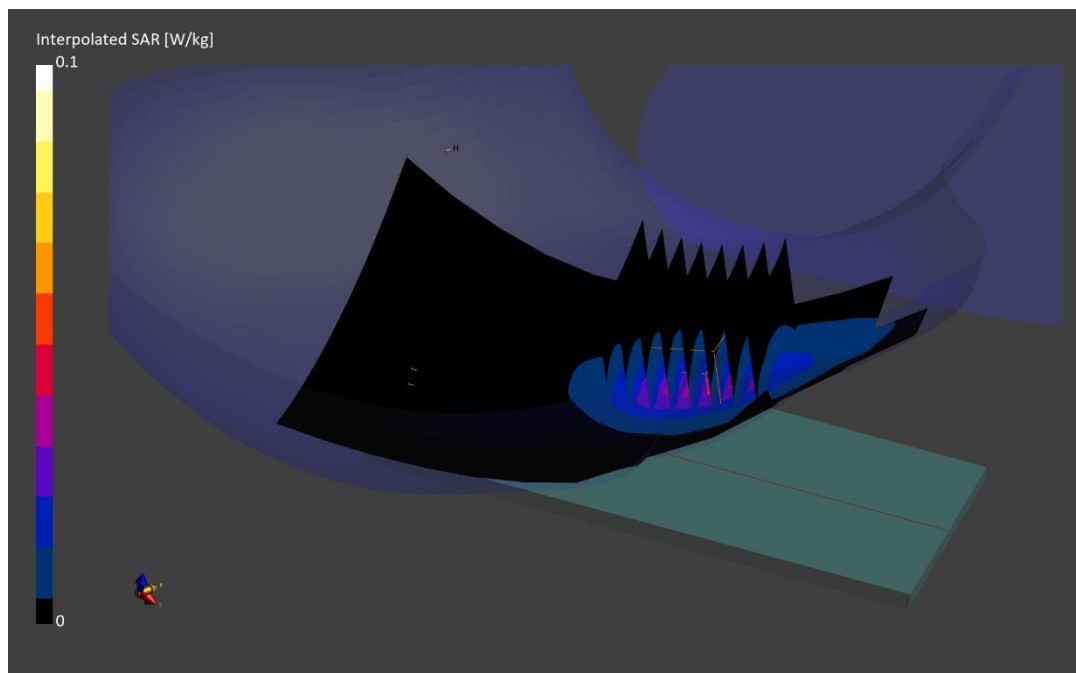
Reference Value = 0.03 W/kg; Power Drift = 0.10 dB

Peak SAR (extrapolated) = 0.050 W/kg

SAR(1 g) = 0.032 W/kg

Smallest distance from peaks to all points 3 dB below is 13.3 mm

Ratio of SAR at M2 to SAR at M1 = 85.7 %



ELEMENT

DUT: A3LSMS938B; Type: Portable Handset; Serial: 0820M

Communication System: UID:10028 - DAC, GSM; MAIA: Y; Frequency: 1880.000 MHz

Medium: 1900 Head; Medium parameters used:

f = 1880.000 MHz; cond = 1.43 S/m; perm = 39.2; density = 1000 kg/m³

Phantom Section: Flat; Space: 10.00 mm

Test Date: 10/02/2024; Ambient Temp: 20.0°C; Tissue Temp: 19.3°C

Probe: EX3DV4 - SN7565; ConvF:(8.53,7.25,7.16); Calibrated: 2024-01-16

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

Electronics: DAE4 Sn1466; Calibrated: 2024-01-16

Phantom: Twin-SAM V5.0; Serial: 1868

Measurement SW: DASY Module SAR V16.4.0.5005

Mode: GPRS 1900, Antenna A, Exp: Body-worn| Back Side, Ch. Mid, 4 Tx Slots

Area Scan (120.0 x 210.0): 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

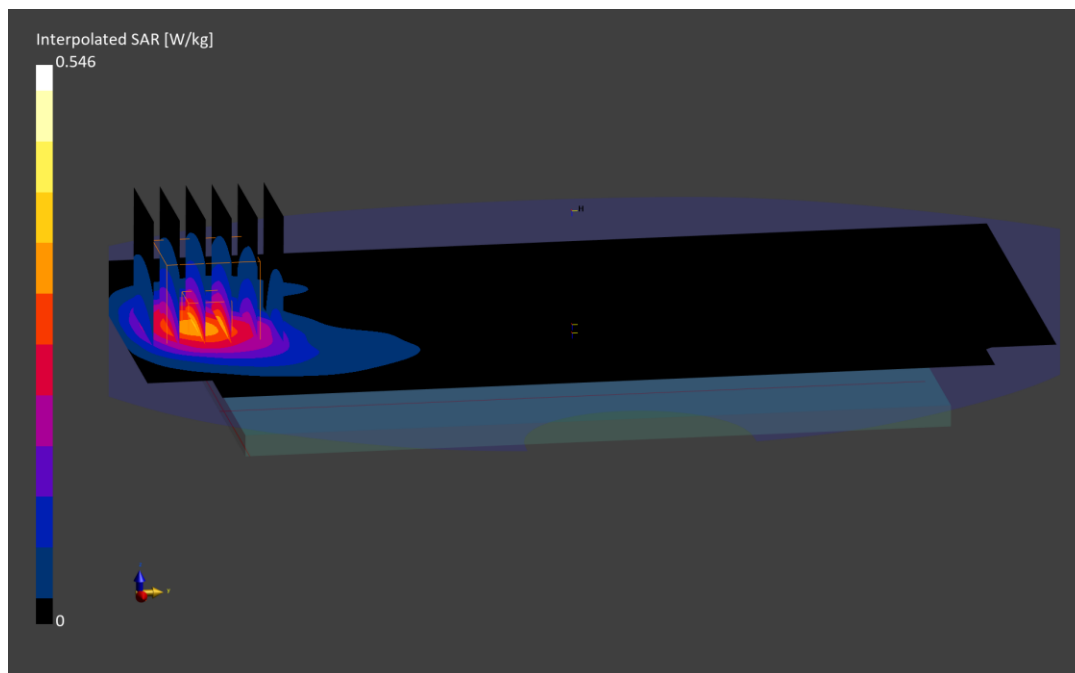
Reference Value = 0.27 W/kg; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 0.546 W/kg

SAR(1 g) = 0.323 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 = 86.3 %



ELEMENT

DUT: A3LSMS938B; Type: Portable Handset; Serial: 0820M

Communication System: UID:10028 - DAC, GSM; MAIA: Y; Frequency: 1909.800 MHz

Medium: 1900 Head; Medium parameters used:

f = 1909.800 MHz; cond = 1.45 S/m; perm = 39.2; density = 1000 kg/m³

Phantom Section: Flat; Space: 10.00 mm

Test Date: 10/02/2024; Ambient Temp: 20.0°C; Tissue Temp: 19.3°C

Probe: EX3DV4 - SN7565; ConvF:(8.53,7.25,7.16); Calibrated: 2024-01-16

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

Electronics: DAE4 Sn1466; Calibrated: 2024-01-16

Phantom: Twin-SAM V5.0; Serial: 1868

Measurement SW: DASY Module SAR V16.4.0.5005

Mode: GPRS 1900, Antenna A, Exp: Hotspot| Bottom Edge, Ch. High, 4 Tx Slots

Area Scan (40.0 x 120.0): Measurement grid: dx=5.0 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

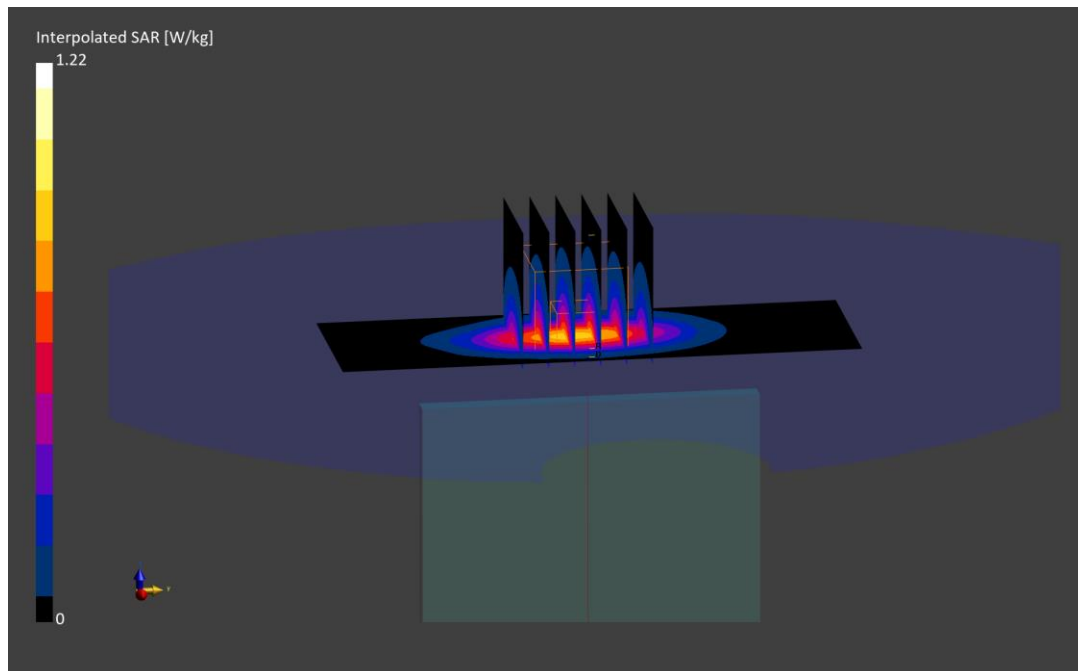
Reference Value = 0.55 W/kg; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 1.22 W/kg

SAR(1 g) = 0.675 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 = 83.8 %



ELEMENT

DUT: A3LSMS938B; Type: Portable Handset; Serial: 0832M

Communication System: UID:10011 - CAC, WCDMA; MAIA: Y; Frequency: 836.600 MHz

Medium: 835 Head; Medium parameters used:

f = 836.600 MHz; cond = 0.911 S/m; perm = 42.6; density = 1000 kg/m³

Phantom Section: LeftHead; Space: 0.00 mm

Test Date: 10/02/2024; Ambient Temp: 22.7°C; Tissue Temp: 21.7°C

Probe: EX3DV4 - SN7558; ConvF:(9.68,9.17,9.65); Calibrated: 2024-09-11

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

Electronics: DAE4 Sn1364; Calibrated: 2024-09-10

Phantom: Twin-SAM V8.0; Serial: 1934

Measurement SW: DASY Module SAR V16.4.0.5005

Mode: UMTS 850, Antenna E, Exp: Head| Left Cheek, Ch. Mid

Area Scan (120.0 x 210.0): 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

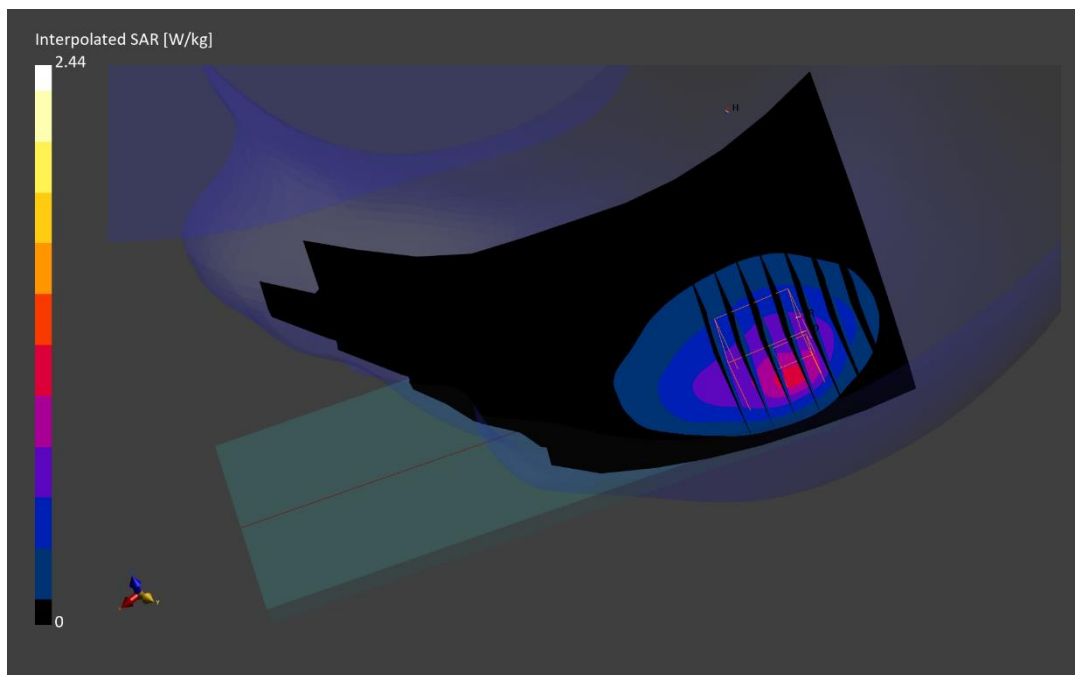
Reference Value = 0.63 W/kg; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 2.44 W/kg

SAR(1 g) = 0.872 W/kg

Smallest distance from peaks to all points 3 dB below is 7.5 mm

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



ELEMENT

DUT: A3LSMS938B; Type: Portable Handset; Serial: 0832M

Communication System: UID:10011 - CAC, WCDMA; MAIA: Y; Frequency: 846.600 MHz

Medium: 835 Head; Medium parameters used:

f = 846.600 MHz; cond = 0.915 S/m; perm = 42.6; density = 1000 kg/m³

Phantom Section: Flat; Space: 10.00 mm

Test Date: 10/02/2024; Ambient Temp: 22.7°C; Tissue Temp: 21.7°C

Probe: EX3DV4 - SN7558; ConvF:(9.68,9.17,9.65); Calibrated: 2024-09-11

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

Electronics: DAE4 Sn1364; Calibrated: 2024-09-10

Phantom: Twin-SAM V8.0; Serial: 1934

Measurement SW: DASY Module SAR V16.4.0.5005

Mode: UMTS 850, Antenna E, Exp: Body-worn| Back Side, Ch. High

Area Scan (120.0 x 220.0): 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

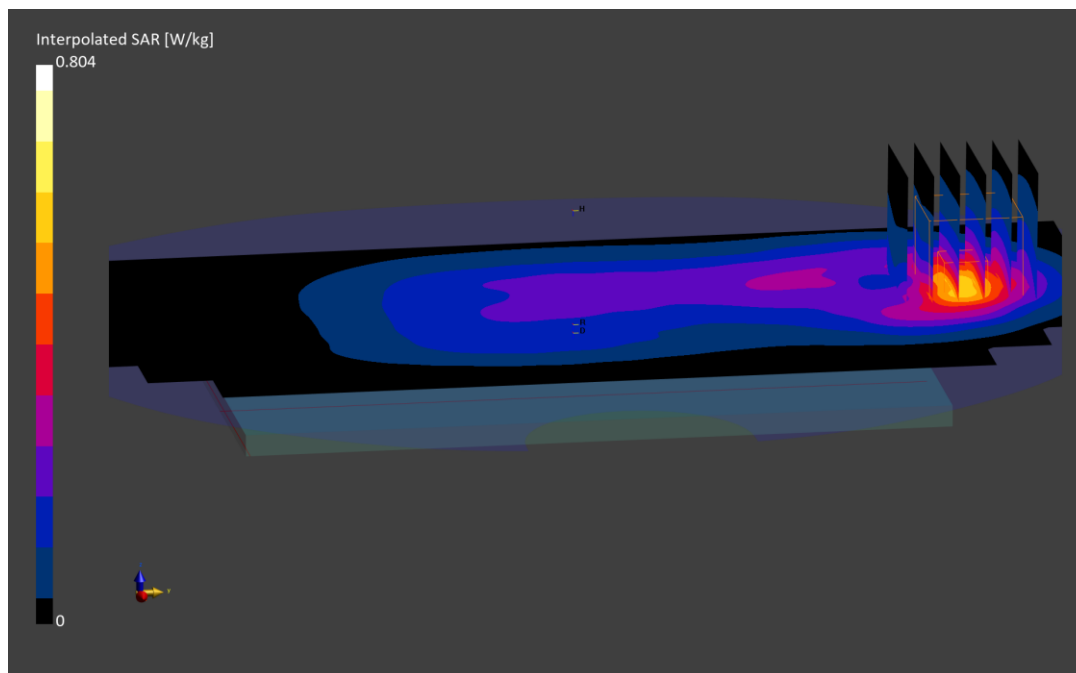
Reference Value = 0.43 W/kg; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.804 W/kg

SAR(1 g) = 0.473 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 = 83.7 %



ELEMENT

DUT: A3LSMS938B; Type: Portable Handset; Serial: 0832M

Communication System: UID:10011 - CAC, WCDMA; MAIA: Y; Frequency: 846.600 MHz

Medium: 835 Head; Medium parameters used:

f = 846.600 MHz; cond = 0.915 S/m; perm = 42.6; density = 1000 kg/m³

Phantom Section: Flat; Space: 10.00 mm

Test Date: 10/02/2024; Ambient Temp: 22.7°C; Tissue Temp: 21.7°C

Probe: EX3DV4 - SN7558; ConvF:(9.68,9.17,9.65); Calibrated: 2024-09-11

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

Electronics: DAE4 Sn1364; Calibrated: 2024-09-10

Phantom: Twin-SAM V8.0; Serial: 1934

Measurement SW: DASY Module SAR V16.4.0.5005

Mode: UMTS 850, Antenna E, Exp: Hotspot| Top Edge, Ch. High

Area Scan (40.0 x 120.0): Measurement grid: dx=5.0 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

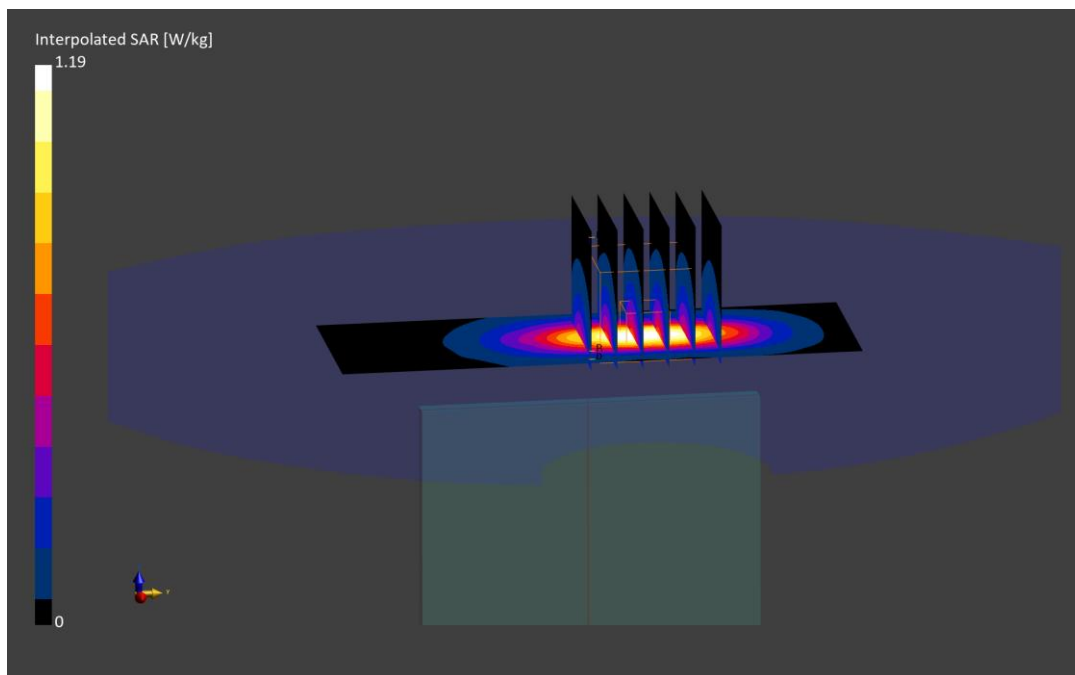
Reference Value = 0.54 W/kg; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 1.19 W/kg

SAR(1 g) = 0.589 W/kg

Smallest distance from peaks to all points 3 dB below is 8.4 mm

Ratio of SAR at M2 to SAR at M1 = 79.8 %



ELEMENT

DUT: A3LSMS938B; Type: Portable Handset; Serial: 0820M

Communication System: UID:10011 - CAC, WCDMA; MAIA: Y; Frequency: 1752.600 MHz

Medium: 1750 Head; Medium parameters used:

f = 1752.600 MHz; cond = 1.35 S/m; perm = 40.6; density = 1000 kg/m³

Phantom Section: RightHead; Space: 0.00 mm

Test Date: 10/16/2024; Ambient Temp: 22.2°C; Tissue Temp: 21.9°C

Probe: EX3DV4 - SN7565; ConvF:(8.65,7.49,7.3); Calibrated: 2024-01-16

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

Electronics: DAE4 Sn1466; Calibrated: 2024-01-16

Phantom: Twin-SAM V5.0; Serial: 1868

Measurement SW: DASY Module SAR V16.4.0.5005

Mode: UMTS 1750, Antenna A, Exp: Head| Right Cheek, Ch. High

Area Scan (120.0 x 210.0): 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

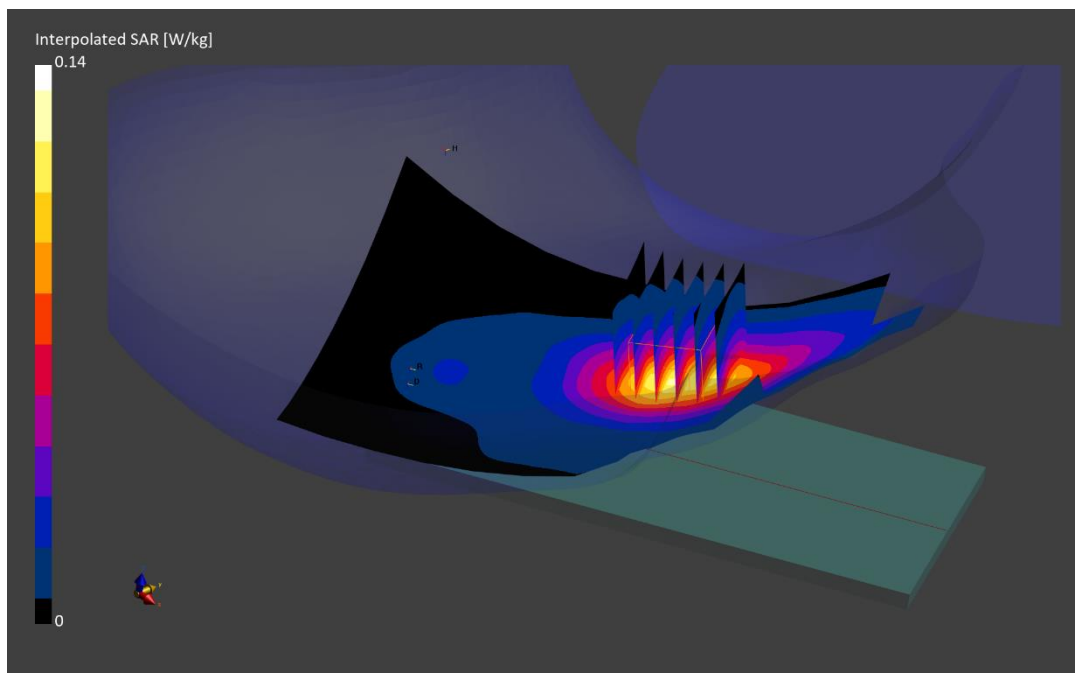
Reference Value = 0.09 W/kg; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 0.140 W/kg

SAR(1 g) = 0.102 W/kg

Smallest distance from peaks to all points 3 dB below is 14.7 mm

Ratio of SAR at M2 to SAR at M1 = 92.6 %



ELEMENT

DUT: A3LSMS938B; Type: Portable Handset; Serial: 0820M

Communication System: UID:10011 - CAC, WCDMA; MAIA: Y; Frequency: 1752.600 MHz

Medium: 1750 Head; Medium parameters used:

f = 1752.600 MHz; cond = 1.36 S/m; perm = 39.4; density = 1000 kg/m³

Phantom Section: Flat; Space: 10.00 mm

Test Date: 10/02/2024; Ambient Temp: 20.0°C; Tissue Temp: 19.3°C

Probe: EX3DV4 - SN7565; ConvF:(8.65,7.49,7.3); Calibrated: 2024-01-16

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

Electronics: DAE4 Sn1466; Calibrated: 2024-01-16

Phantom: Twin-SAM V5.0; Serial: 1868

Measurement SW: DASY Module SAR V16.4.0.5005

Mode: UMTS 1750, Antenna A, Exp: Body-worn| Back Side, Ch. High

Area Scan (120.0 x 210.0): 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

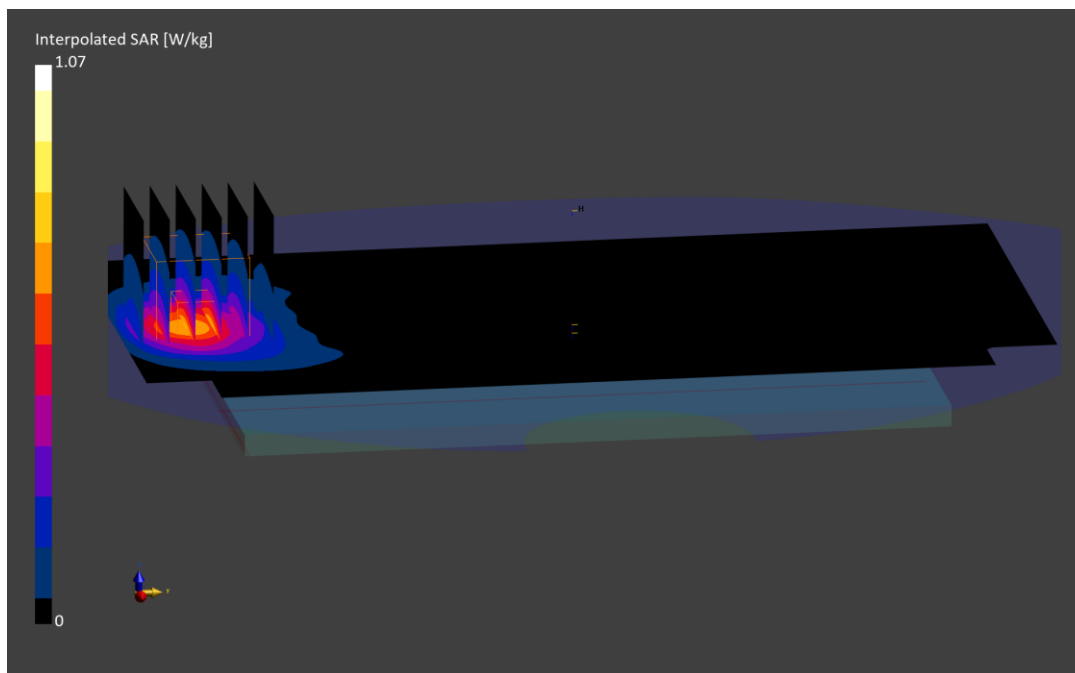
Reference Value = 0.55 W/kg; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 1.07 W/kg

SAR(1 g) = 0.625 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 = 84.7 %



ELEMENT

DUT: A3LSMS938B; Type: Portable Handset; Serial: 0820M

Communication System: UID:10011 - CAC, WCDMA; MAIA: Y; Frequency: 1752.600 MHz

Medium: 1750 Head; Medium parameters used:

f = 1752.600 MHz; cond = 1.36 S/m; perm = 39.4; density = 1000 kg/m³

Phantom Section: Flat; Space: 10.00 mm

Test Date: 10/02/2024; Ambient Temp: 20.0°C; Tissue Temp: 19.3°C

Probe: EX3DV4 - SN7565; ConvF:(8.65,7.49,7.3); Calibrated: 2024-01-16

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

Electronics: DAE4 Sn1466; Calibrated: 2024-01-16

Phantom: Twin-SAM V5.0; Serial: 1868

Measurement SW: DASY Module SAR V16.4.0.5005

Mode: UMTS 1750, Antenna A, Exp: Hotspot| Bottom Edge, Ch. High

Area Scan (40.0 x 120.0): Measurement grid: dx=5.0 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

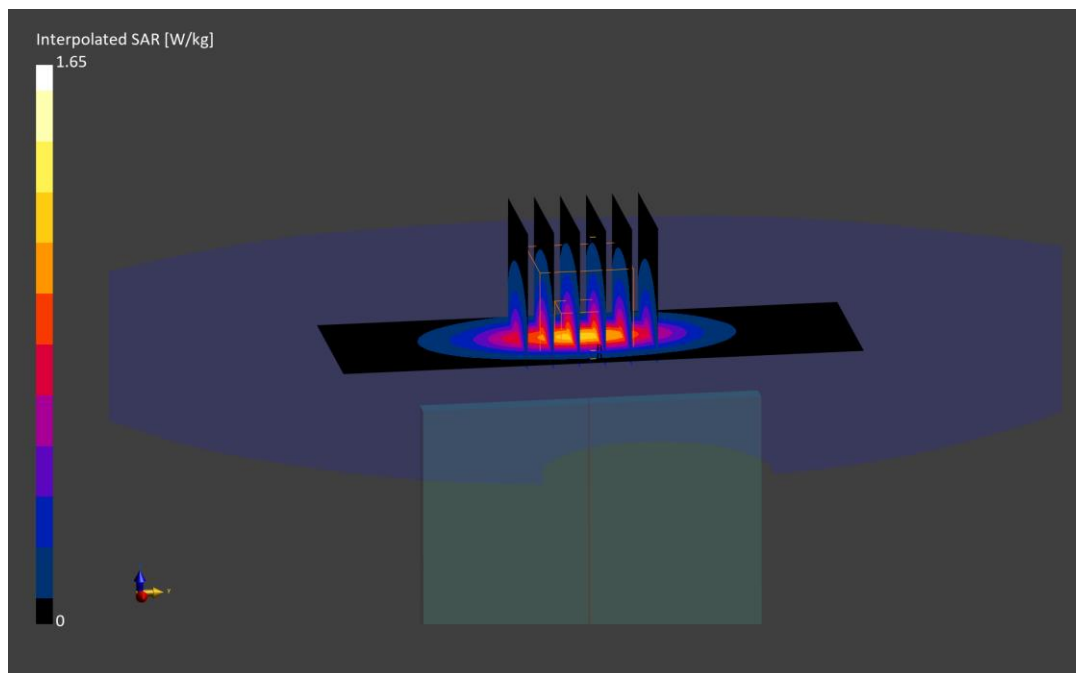
Reference Value = 0.77 W/kg; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 1.65 W/kg

SAR(1 g) = 0.917 W/kg

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

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



ELEMENT

DUT: A3LSMS938B; Type: Portable Handset; Serial: 0820M

Communication System: UID:10011 - CAC, WCDMA; MAIA: Y; Frequency: 1852.400 MHz

Medium: 1900 Head; Medium parameters used:

f = 1852.400 MHz; cond = 1.41 S/m; perm = 40.4; density = 1000 kg/m³

Phantom Section: RightHead; Space: 0.00 mm

Test Date: 10/16/2024; Ambient Temp: 22.2°C; Tissue Temp: 21.9°C

Probe: EX3DV4 - SN7565; ConvF:(8.53,7.25,7.16); Calibrated: 2024-01-16

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

Electronics: DAE4 Sn1466; Calibrated: 2024-01-16

Phantom: Twin-SAM V5.0; Serial: 1868

Measurement SW: DASY Module SAR V16.4.0.5005

Mode: UMTS 1900, Antenna A, Exp: Head| Right Cheek, Ch. Low

Area Scan (120.0 x 210.0): 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

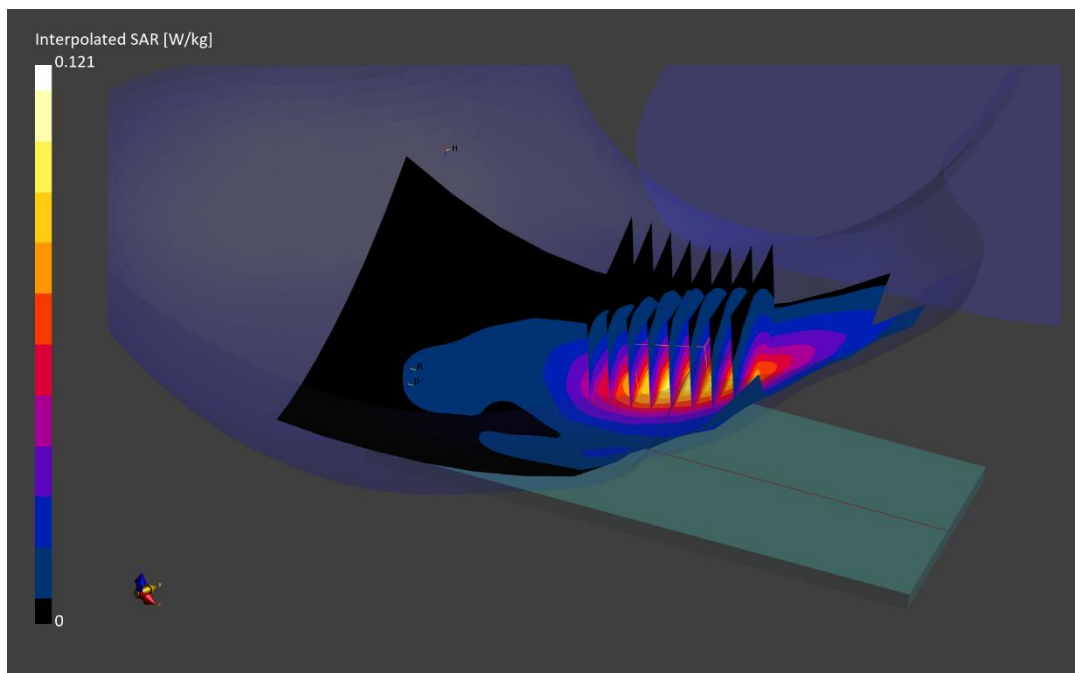
Reference Value = 0.08 W/kg; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 0.121 W/kg

SAR(1 g) = 0.085 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 = 91.3 %



ELEMENT

DUT: A3LSMS938B; Type: Portable Handset; Serial: 0820M

Communication System: UID:10011 - CAC, WCDMA; MAIA: Y; Frequency: 1852.400 MHz

Medium: 1900 Head; Medium parameters used:

f = 1852.400 MHz; cond = 1.42 S/m; perm = 39.2; density = 1000 kg/m³

Phantom Section: Flat; Space: 10.00 mm

Test Date: 10/02/2024; Ambient Temp: 20.0°C; Tissue Temp: 19.3°C

Probe: EX3DV4 - SN7565; ConvF:(8.53,7.25,7.16); Calibrated: 2024-01-16

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

Electronics: DAE4 Sn1466; Calibrated: 2024-01-16

Phantom: Twin-SAM V5.0; Serial: 1868

Measurement SW: DASY Module SAR V16.4.0.5005

Mode: UMTS 1900, Antenna A, Exp: Body-worn| Back Side, Ch. Low

Area Scan (120.0 x 210.0): 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

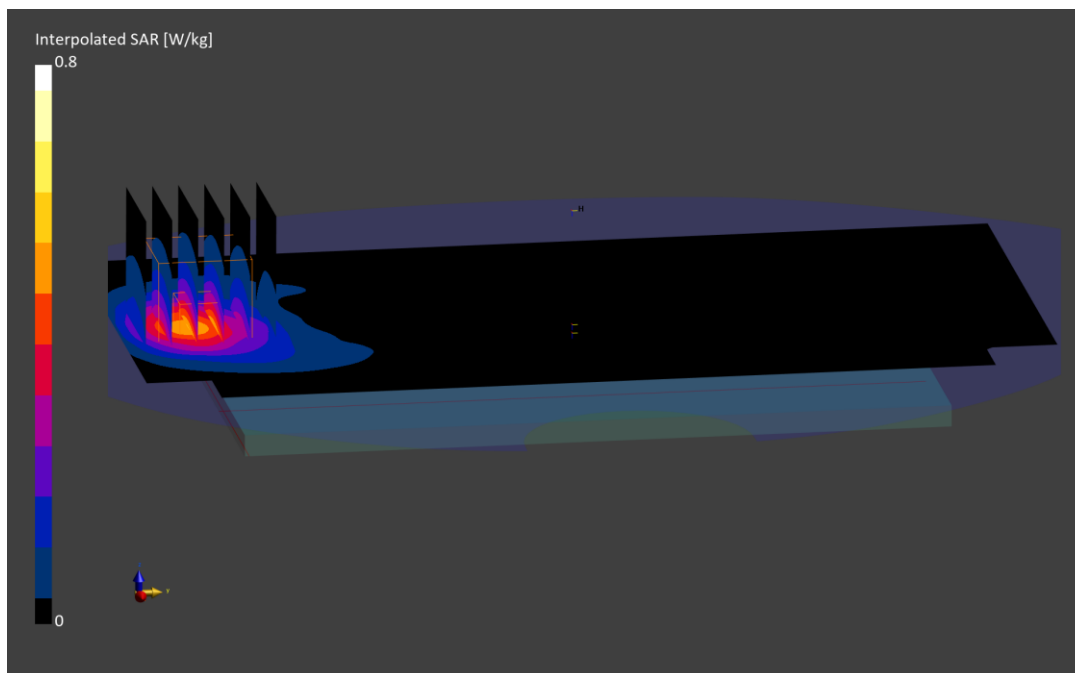
Reference Value = 0.40 W/kg; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.800 W/kg

SAR(1 g) = 0.461 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 = 84.1 %



ELEMENT

DUT: A3LSMS938B; Type: Portable Handset; Serial: 0820M

Communication System: UID:10011 - CAC, WCDMA; MAIA: Y; Frequency: 1907.600 MHz

Medium: 1900 Head; Medium parameters used:

f = 1907.600 MHz; cond = 1.44 S/m; perm = 40.4; density = 1000 kg/m³

Phantom Section: Flat; Space: 10.00 mm

Test Date: 10/16/2024; Ambient Temp: 22.2°C; Tissue Temp: 21.9°C

Probe: EX3DV4 - SN7565; ConvF:(8.53,7.25,7.16); Calibrated: 2024-01-16

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

Electronics: DAE4 Sn1466; Calibrated: 2024-01-16

Phantom: Twin-SAM V5.0; Serial: 1868

Measurement SW: DASY Module SAR V16.4.0.5005

Mode: UMTS 1900, Antenna A, Exp: Hotspot| Bottom Edge, Ch. High

Area Scan (40.0 x 120.0): Measurement grid: dx=5.0 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

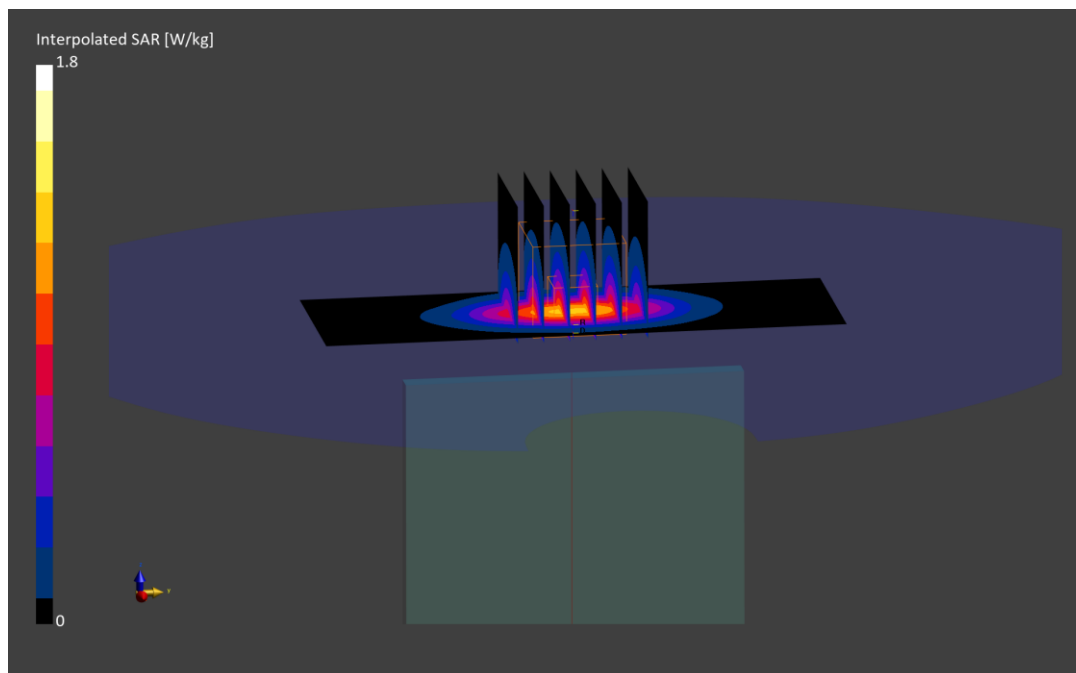
Reference Value = 0.83 W/kg; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 1.80 W/kg

SAR(1 g) = 0.987 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 = 81.3 %



ELEMENT

DUT: A3LSMS938B; Type: Portable Handset; Serial: 0833M

Communication System: UID:10175 - CAH, LTE-FDD; MAIA: Y; Frequency: 707.500 MHz

Medium: 750 Head; Medium parameters used:

f = 707.500 MHz; cond = 0.894 S/m; perm = 40.2; density = 1000 kg/m³

Phantom Section: LeftHead; Space: 0.00 mm

Test Date: 09/17/2024; Ambient Temp: 23.9°C; Tissue Temp: 23.0°C

Probe: EX3DV4 - SN7406; ConvF:(9.51,8.99,10.02); Calibrated: 2024-07-05

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

Electronics: DAE4 Sn1677; Calibrated: 2024-07-08

Phantom: Twin-SAM V5.0; Serial: 1800

Measurement SW: DASY Module SAR V16.4.0.5005

**Mode: LTE Band 12, Antenna E, Exp: Head| Left Cheek, Ch. Mid,
10 MHz Bandwidth, QPSK, 1 RB, 49 RB Offset**

Area Scan (120.0 x 210.0): 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

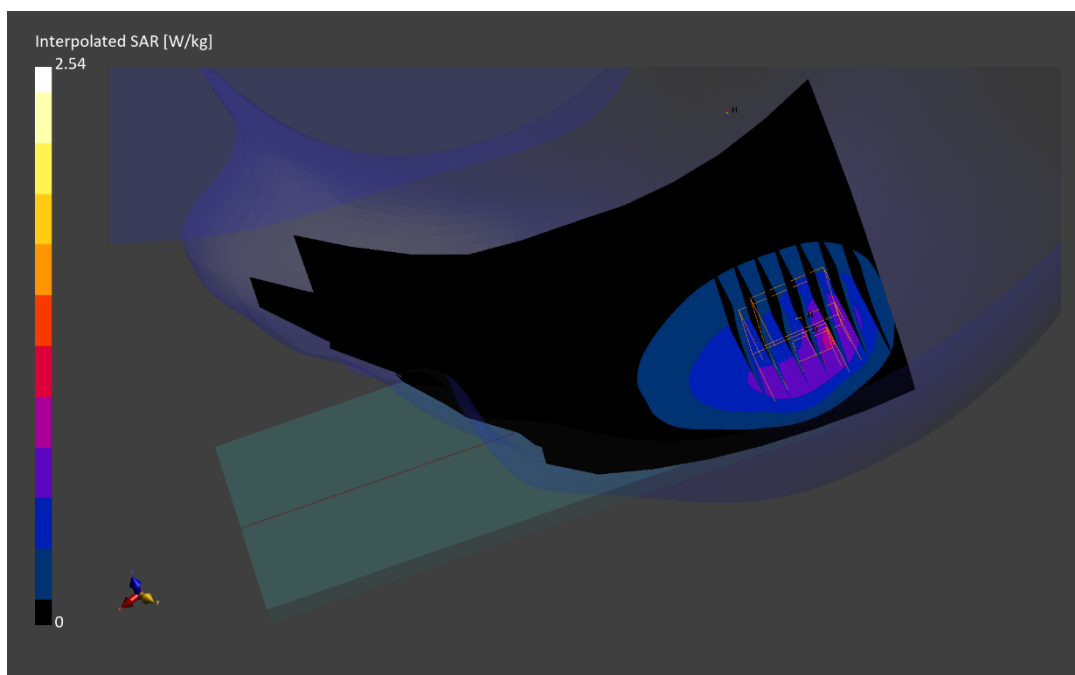
Reference Value = 0.56 W/kg; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 2.53 W/kg

SAR(1 g) = 0.929 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 = 67.7 %



ELEMENT

DUT: A3LSMS938B; Type: Portable Handset; Serial: 0833M

Communication System: UID:10175 - CAH, LTE-FDD; MAIA: Y; Frequency: 707.500 MHz

Medium: 750 Head; Medium parameters used:

$f = 707.500$ MHz; $\text{cond} = 0.894$ S/m; $\text{perm} = 40.2$; $\text{density} = 1000$ kg/m³

Phantom Section: Flat; Space: 10.00 mm

Test Date: 09/17/2024; Ambient Temp: 23.9°C; Tissue Temp: 23.0°C

Probe: EX3DV4 - SN7406; ConvF:(9.51,8.99,10.02); Calibrated: 2024-07-05

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

Electronics: DAE4 Sn1677; Calibrated: 2024-07-08

Phantom: Twin-SAM V5.0; Serial: 1800

Measurement SW: DASY Module SAR V16.4.0.5005

**Mode: LTE Band 12, Antenna E, Exp: Body-worn| Back Side, Ch. Mid,
10 MHz Bandwidth, QPSK, 1 RB, 25 RB Offset**

Area Scan (120.0 x 210.0): 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

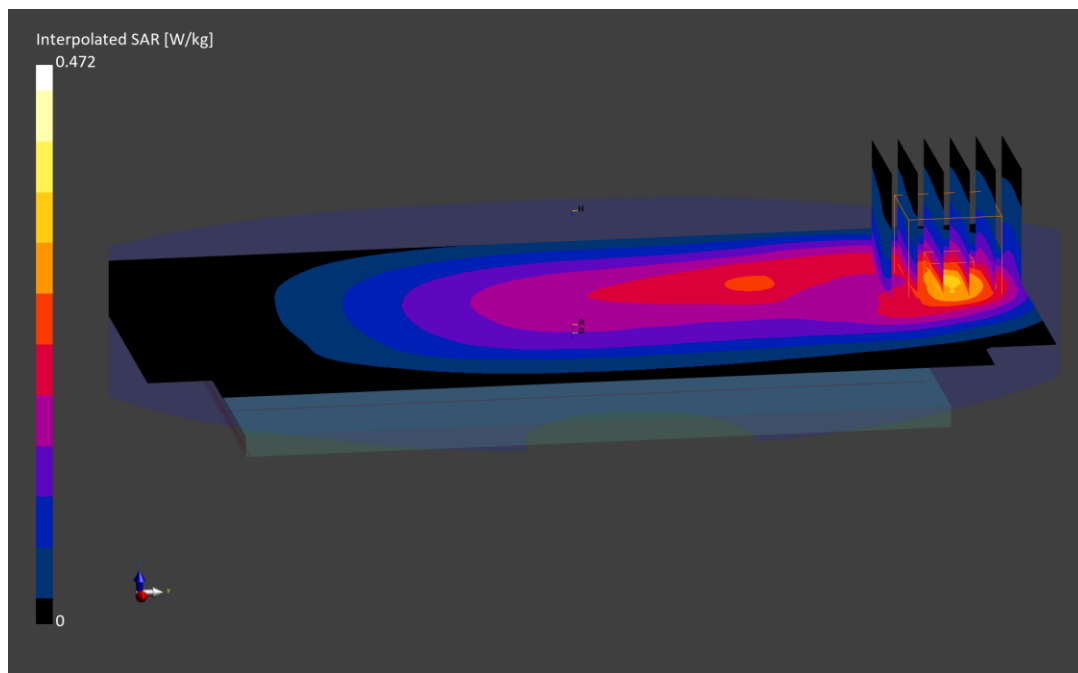
Reference Value = 0.19 W/kg; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 0.472 W/kg

SAR(1 g) = 0.275 W/kg

Smallest distance from peaks to all points 3 dB below is 12.3 mm

Ratio of SAR at M2 to SAR at M1 = 83.7 %



ELEMENT

DUT: A3LSMS938B; Type: Portable Handset; Serial: 0824M

Communication System: UID:10175 - CAH, LTE-FDD; MAIA: Y; Frequency: 707.500 MHz

Medium: 750 Head; Medium parameters used:

$f = 707.500$ MHz; $\text{cond} = 0.866$ S/m; $\text{perm} = 43.6$; $\text{density} = 1000$ kg/m³

Phantom Section: Flat; Space: 10.00 mm

Test Date: 10/09/2024; Ambient Temp: 23.2°C; Tissue Temp: 22.6°C

Probe: EX3DV4 - SN7803; ConvF:(9.32,9.52,9.69); Calibrated: 2024-06-28

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

Electronics: DAE4 Sn1583; Calibrated: 2024-07-08

Phantom: Twin-SAM V8.0; Serial: 2065

Measurement SW: DASY Module SAR V16.4.0.5005

**Mode: LTE Band 12, Antenna E, Exp: Hotspot| Right Edge, Ch. Mid,
10 MHz Bandwidth, QPSK, 1 RB, 25 RB Offset**

Area Scan (40.0 x 210.0): Measurement grid: $dx=5.0$ 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

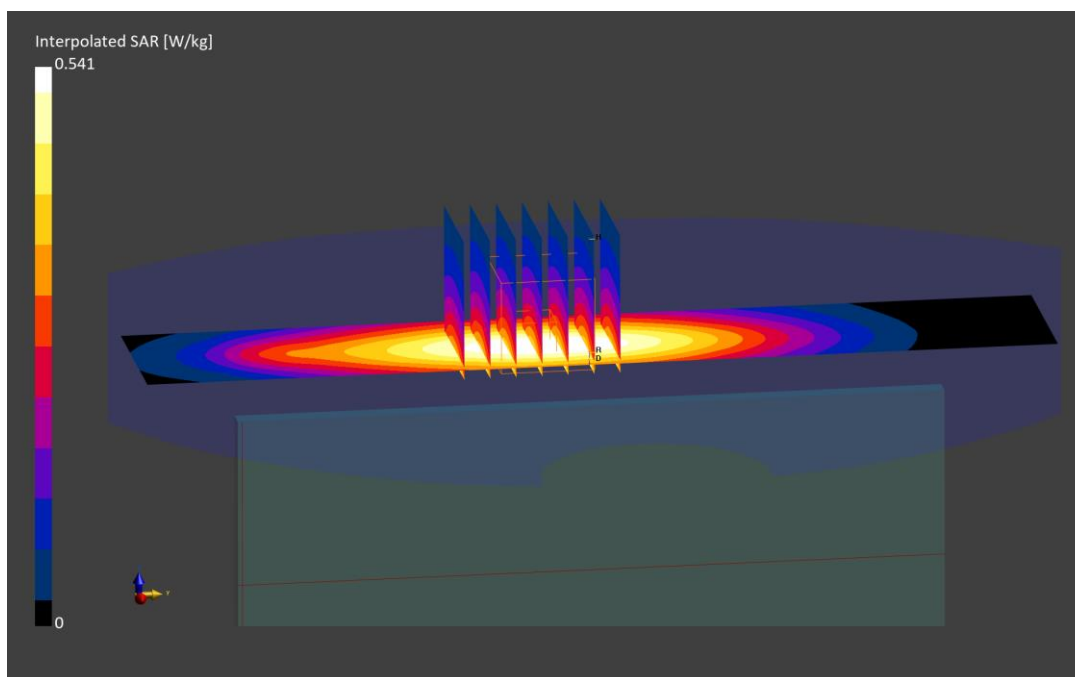
Reference Value = 0.37 W/kg; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 0.541 W/kg

SAR(1 g) = 0.361 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 = 86.2 %



ELEMENT

DUT: A3LSMS938B; Type: Portable Handset; Serial: 0833M

Communication System: UID:10175 - CAH, LTE-FDD; MAIA: Y; Frequency: 782.000 MHz

Medium: 750 Head; Medium parameters used:

f = 782.000 MHz; cond = 0.922 S/m; perm = 40.0; density = 1000 kg/m³

Phantom Section: LeftHead; Space: 0.00 mm

Test Date: 09/17/2024; Ambient Temp: 23.9°C; Tissue Temp: 23.0°C

Probe: EX3DV4 - SN7406; ConvF:(9.51,8.99,10.02); Calibrated: 2024-07-05

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

Electronics: DAE4 Sn1677; Calibrated: 2024-07-08

Phantom: Twin-SAM V5.0; Serial: 1800

Measurement SW: DASY Module SAR V16.4.0.5005

**Mode: LTE Band 13, Antenna E, Exp: Head| Left Cheek, Ch. Mid,
10 MHz Bandwidth, QPSK, 1 RB, 25 RB Offset**

Area Scan (120.0 x 210.0): 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

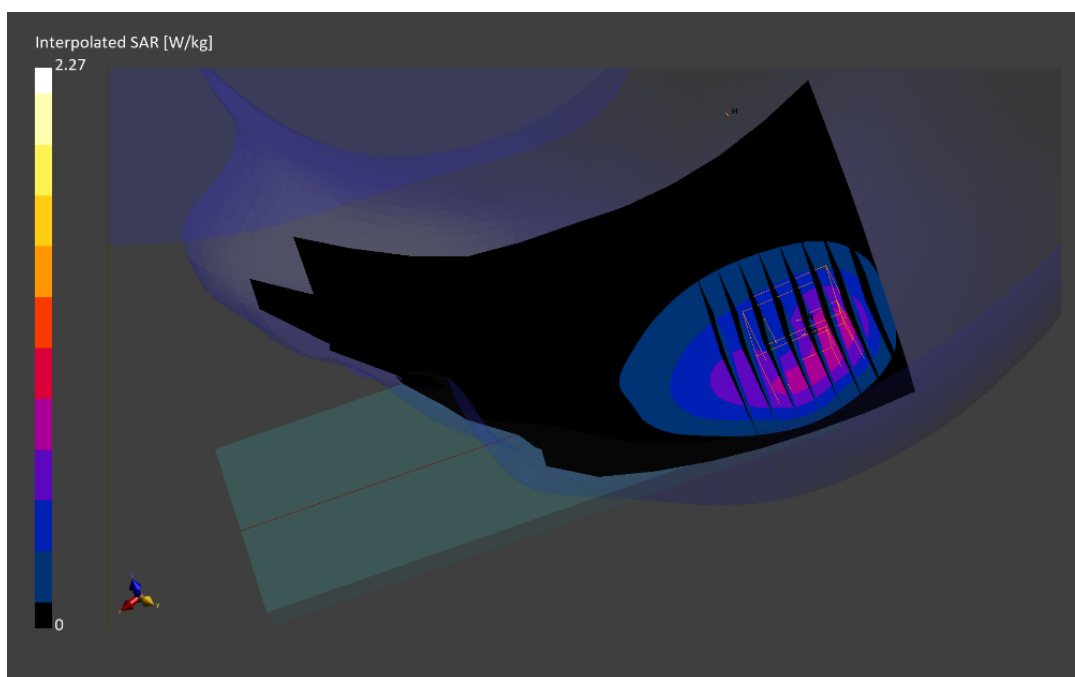
Reference Value = 0.71 W/kg; Power Drift = -0.13 dB

Peak SAR (extrapolated) = 2.27 W/kg

SAR(1 g) = 0.940 W/kg

Smallest distance from peaks to all points 3 dB below is 8.5 mm

Ratio of SAR at M2 to SAR at M1 = 72.3 %



ELEMENT

DUT: A3LSMS938B; Type: Portable Handset; Serial: 0833M

Communication System: UID:10175 - CAH, LTE-FDD; MAIA: Y; Frequency: 782.000 MHz

Medium: 750 Head; Medium parameters used:

$f = 782.000$ MHz; $\text{cond} = 0.922$ S/m; $\text{perm} = 40.0$; $\text{density} = 1000$ kg/m³

Phantom Section: Flat; Space: 10.00 mm

Test Date: 09/17/2024; Ambient Temp: 23.9°C; Tissue Temp: 23.0°C

Probe: EX3DV4 - SN7406; ConvF:(9.51,8.99,10.02); Calibrated: 2024-07-05

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

Electronics: DAE4 Sn1677; Calibrated: 2024-07-08

Phantom: Twin-SAM V5.0; Serial: 1800

Measurement SW: DASY Module SAR V16.4.0.5005

**Mode: LTE Band 13, Antenna E, Exp: Body-worn| Back Side, Ch. Mid,
10 MHz Bandwidth, QPSK, 1 RB, 25 RB Offset**

Area Scan (120.0 x 210.0): 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

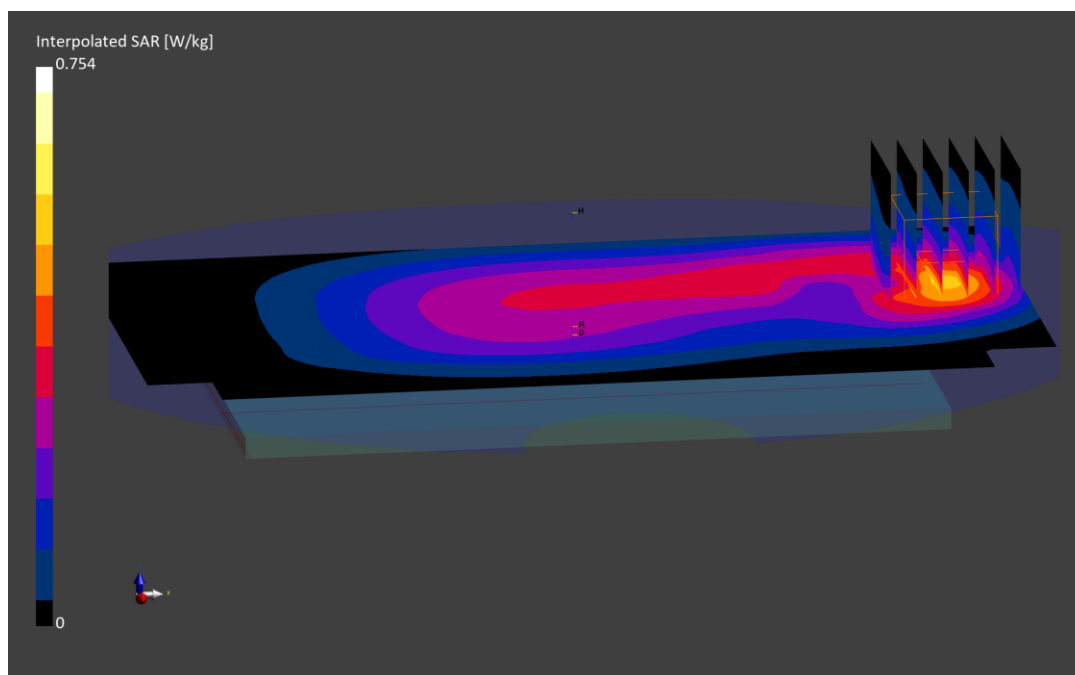
Reference Value = 0.31 W/kg; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 0.754 W/kg

SAR(1 g) = 0.454 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 = 85.7 %



ELEMENT

DUT: A3LSMS938B; Type: Portable Handset; Serial: 0833M

Communication System: UID:10175 - CAH, LTE-FDD; MAIA: Y; Frequency: 782.000 MHz

Medium: 750 Head; Medium parameters used:

f = 782.000 MHz; cond = 0.922 S/m; perm = 40.0; density = 1000 kg/m³

Phantom Section: Flat; Space: 10.00 mm

Test Date: 09/17/2024; Ambient Temp: 23.9°C; Tissue Temp: 23.0°C

Probe: EX3DV4 - SN7406; ConvF:(9.51,8.99,10.02); Calibrated: 2024-07-05

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

Electronics: DAE4 Sn1677; Calibrated: 2024-07-08

Phantom: Twin-SAM V5.0; Serial: 1800

Measurement SW: DASY Module SAR V16.4.0.5005

**Mode: LTE Band 13, Antenna E, Exp: Hotspot| Top Edge, Ch. Mid,
10 MHz Bandwidth, QPSK, 1 RB, 25 RB Offset**

Area Scan (40.0 x 120.0): Measurement grid: dx=5.0 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

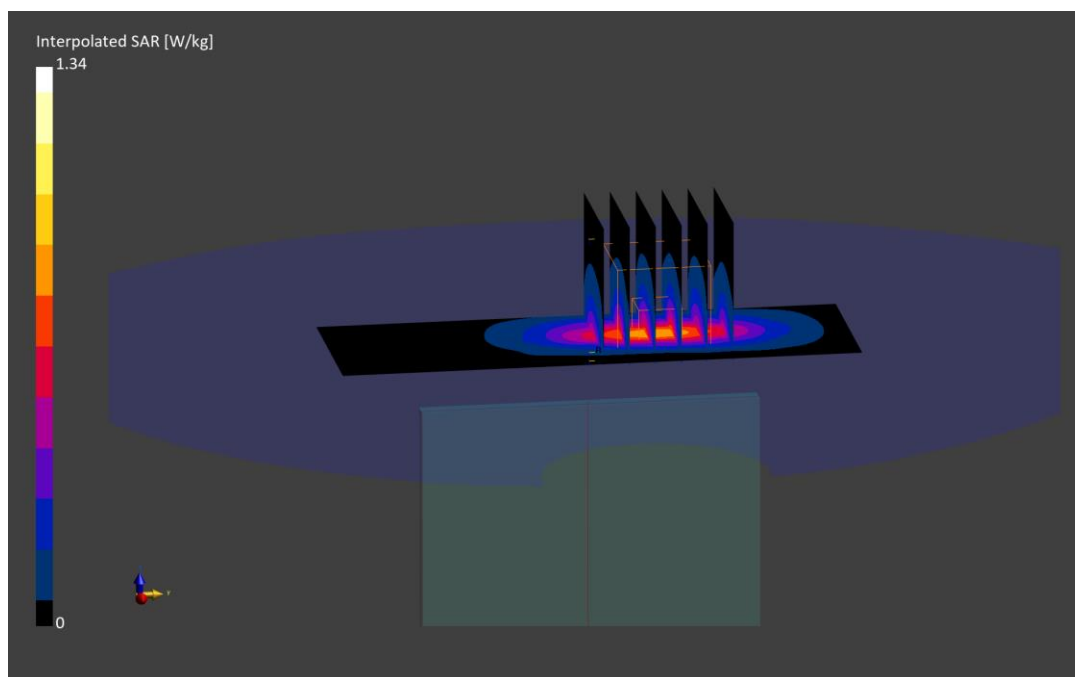
Reference Value = 0.55 W/kg; Power Drift = -0.20 dB

Peak SAR (extrapolated) = 1.34 W/kg

SAR(1 g) = 0.639 W/kg

Smallest distance from peaks to all points 3 dB below is 8.5 mm

Ratio of SAR at M2 to SAR at M1 = 74.3 %



ELEMENT

DUT: A3LSMS938B; Type: Portable Handset; Serial: 0833M

Communication System: UID:10181 - CAF, LTE-FDD; MAIA: Y; Frequency: 831.500 MHz

Medium: 835 Head; Medium parameters used:

$f = 831.500$ MHz; $\text{cond} = 0.941$ S/m; $\text{perm} = 39.9$; $\text{density} = 1000$ kg/m³

Phantom Section: LeftHead; Space: 0.00 mm

Test Date: 09/17/2024; Ambient Temp: 23.9°C; Tissue Temp: 23.0°C

Probe: EX3DV4 - SN7406; ConvF:(9.29,8.78,9.79); Calibrated: 2024-07-05

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

Electronics: DAE4 Sn1677; Calibrated: 2024-07-08

Phantom: Twin-SAM V5.0; Serial: 1800

Measurement SW: DASY Module SAR V16.4.0.5005

**Mode: LTE Band 26, Antenna E, Exp: Head| Left Cheek, Ch. Mid,
15 MHz Bandwidth, QPSK, 1 RB, 36 RB Offset**

Area Scan (120.0 x 210.0): 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

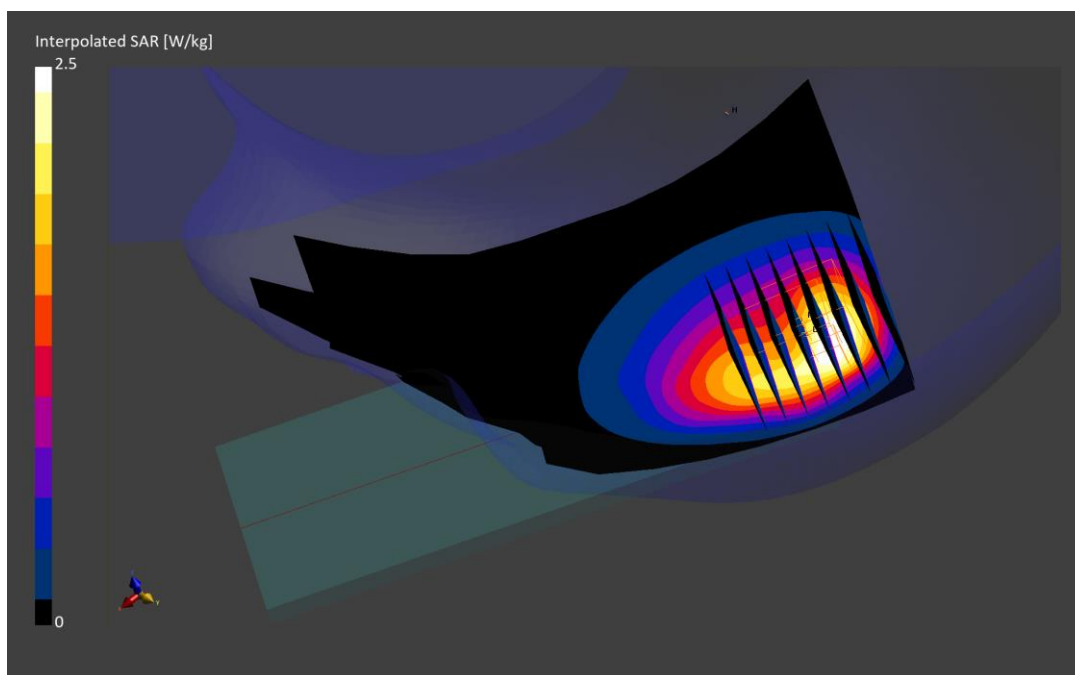
Reference Value = 0.66 W/kg; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 2.50 W/kg

SAR(1 g) = 0.925 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 = 67.2 %



ELEMENT

DUT: A3LSMS938B; Type: Portable Handset; Serial: 0833M

Communication System: UID:10181 - CAF, LTE-FDD; MAIA: Y; Frequency: 831.500 MHz

Medium: 835 Head; Medium parameters used:

$f = 831.500$ MHz; $\text{cond} = 0.941$ S/m; $\text{perm} = 39.9$; $\text{density} = 1000$ kg/m³

Phantom Section: Flat; Space: 10.00 mm

Test Date: 09/17/2024; Ambient Temp: 23.9°C; Tissue Temp: 23.0°C

Probe: EX3DV4 - SN7406; ConvF:(9.29,8.78,9.79); Calibrated: 2024-07-05

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

Electronics: DAE4 Sn1677; Calibrated: 2024-07-08

Phantom: Twin-SAM V5.0; Serial: 1800

Measurement SW: DASY Module SAR V16.4.0.5005

**Mode: LTE Band 26, Antenna E, Exp: Body-worn| Back Side, Ch. Mid,
15 MHz Bandwidth, QPSK, 1 RB, 36 RB Offset**

Area Scan (120.0 x 210.0): 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

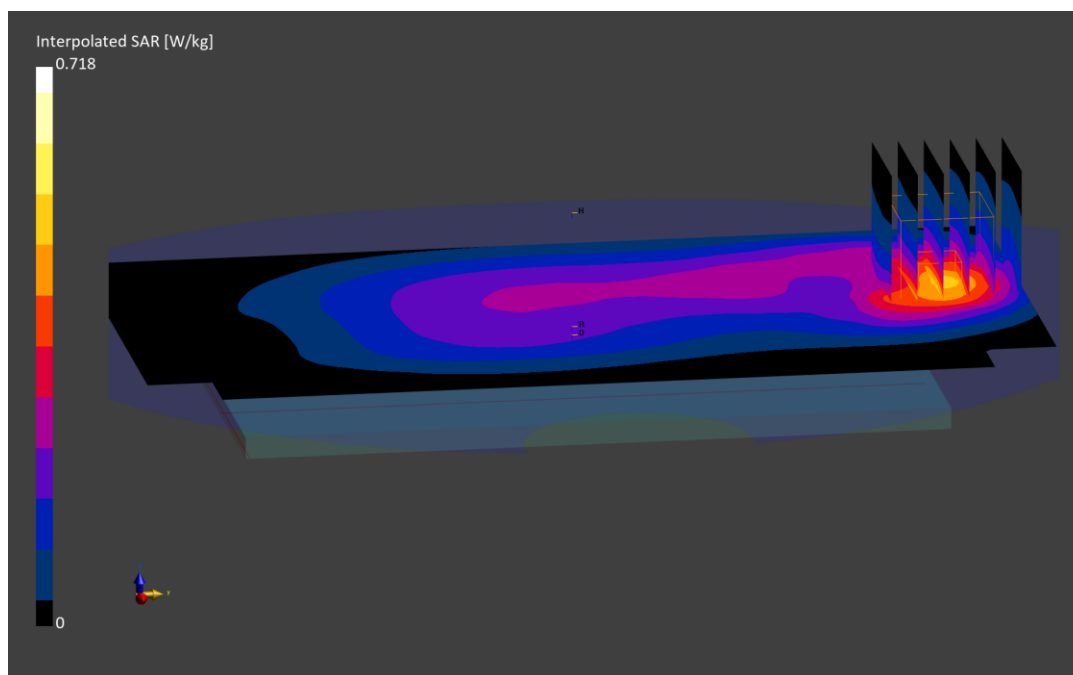
Reference Value = 0.23 W/kg; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 0.718 W/kg

SAR(1 g) = 0.433 W/kg

Smallest distance from peaks to all points 3 dB below is 12.1 mm

Ratio of SAR at M2 to SAR at M1 = 85.4 %



ELEMENT

DUT: A3LSMS938B; Type: Portable Handset; Serial: 0833M

Communication System: UID:10181 - CAF, LTE-FDD; MAIA: Y; Frequency: 831.500 MHz

Medium: 835 Head; Medium parameters used:

$f = 831.500$ MHz; $\text{cond} = 0.941$ S/m; $\text{perm} = 39.9$; $\text{density} = 1000$ kg/m³

Phantom Section: Flat; Space: 10.00 mm

Test Date: 09/17/2024; Ambient Temp: 23.9°C; Tissue Temp: 23.0°C

Probe: EX3DV4 - SN7406; ConvF:(9.29,8.78,9.79); Calibrated: 2024-07-05

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

Electronics: DAE4 Sn1677; Calibrated: 2024-07-08

Phantom: Twin-SAM V5.0; Serial: 1800

Measurement SW: DASY Module SAR V16.4.0.5005

**Mode: LTE Band 26, Antenna E, Exp: Hotspot| Top Edge, Ch. Mid,
15 MHz Bandwidth, QPSK, 1 RB, 36 RB Offset**

Area Scan (40.0 x 120.0): Measurement grid: $dx=5.0$ 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

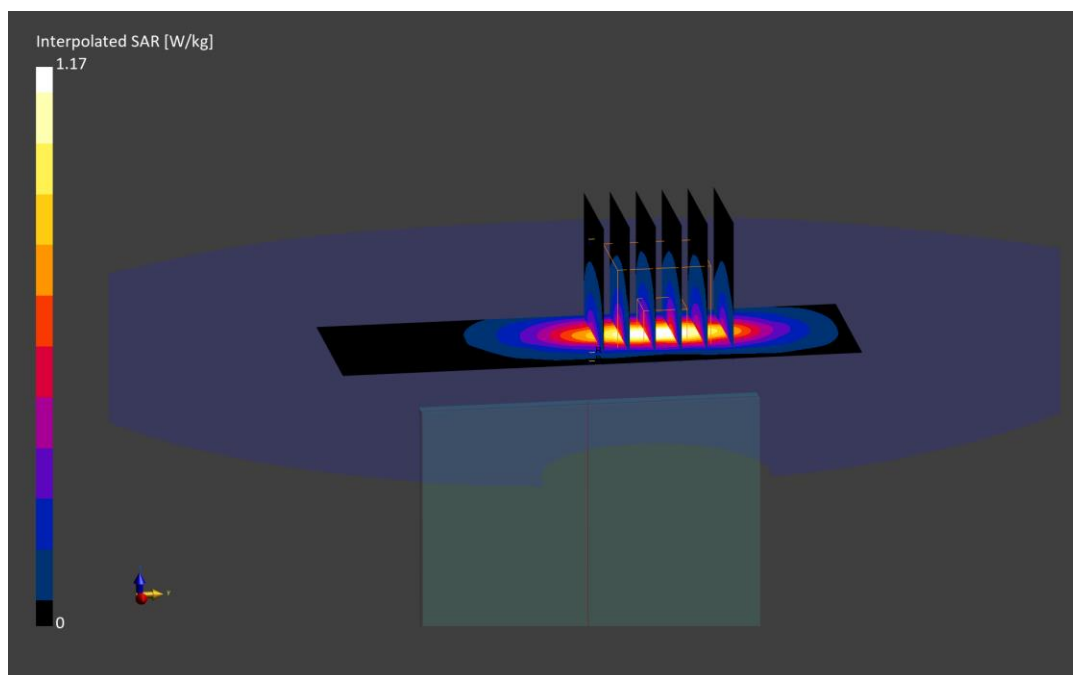
Reference Value = 0.47 W/kg; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 1.17 W/kg

SAR(1 g) = 0.568 W/kg

Smallest distance from peaks to all points 3 dB below is 8.4 mm

Ratio of SAR at M2 to SAR at M1 = 78.9 %



ELEMENT

DUT: A3LSMS938B; Type: Portable Handset; Serial: 0827M

Communication System: UID:10100 - CAF, LTE-FDD; MAIA: Y; Frequency: 1770.000 MHz

Medium: 1750 Head; Medium parameters used:

f = 1770.000 MHz; cond = 1.37 S/m; perm = 39.5; density = 1000 kg/m³

Phantom Section: RightHead; Space: 0.00 mm

Test Date: 10/02/2024; Ambient Temp: 23.5°C; Tissue Temp: 22.4°C

Probe: EX3DV4 - SN7409; ConvF:(8.09,7.68,8.14); Calibrated: 2024-06-17

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

Electronics: DAE4 Sn1334; Calibrated: 2024-06-11

Phantom: Twin-SAM V8.0; Serial: 2056

Measurement SW: DASY Module SAR V16.4.0.5005

**Mode: LTE Band 66, Antenna F, Exp: Head| Right Cheek, Ch. High,
20 MHz Bandwidth, QPSK, 100 RB, 0 RB Offset**

Area Scan (120.0 x 210.0): 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

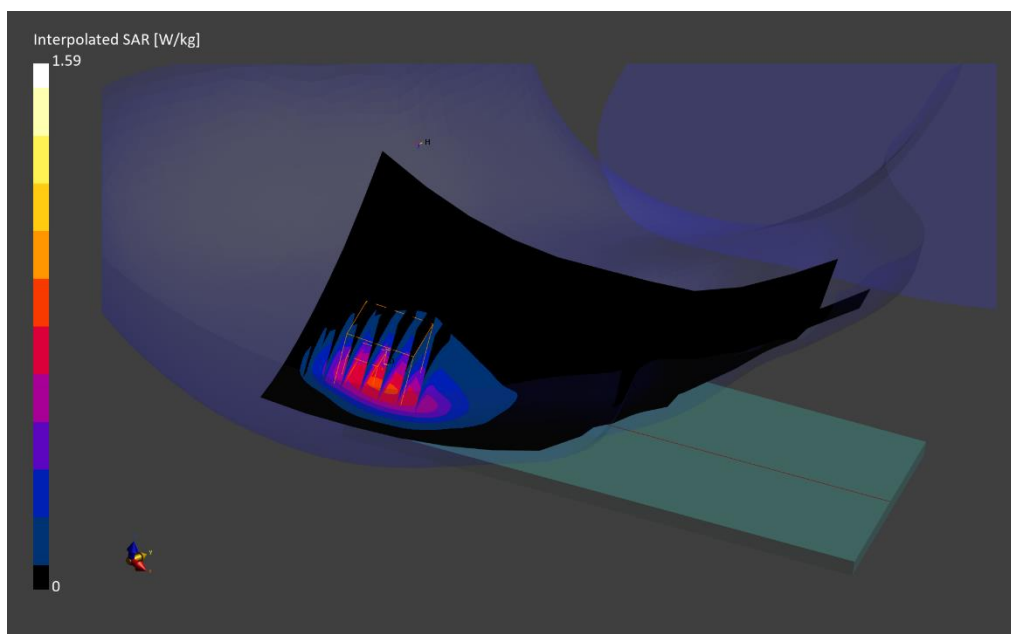
Reference Value = 0.35 W/kg; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 1.59 W/kg

SAR(1 g) = 0.772 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 = 77.3 %



ELEMENT

DUT: A3LSMS938B; Type: Portable Handset; Serial: 0738M

Communication System: UID:10169 - CAF, LTE-FDD; MAIA: Y; Frequency: 1770.000 MHz

Medium: 1750 Head; Medium parameters used:

f = 1770.000 MHz; cond = 1.37 S/m; perm = 40.4; density = 1000 kg/m³

Phantom Section: Flat; Space: 10.00 mm

Test Date: 09/16/2024; Ambient Temp: 22.6°C; Tissue Temp: 21.8°C

Probe: EX3DV4 - SN7659; ConvF:(9.1,9.1,9.1); Calibrated: 2024-04-17

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

Electronics: DAE4 Sn1407; Calibrated: 2024-04-18

Phantom: Twin-SAM V8.0; Serial: 2064

Measurement SW: DASY Module SAR V16.4.0.5005

**Mode: LTE Band 66, Antenna A, Exp: Body-worn| Back Side, Ch. High,
20 MHz Bandwidth, QPSK, 1 RB, 0 RB Offset**

Area Scan (120.0 x 210.0): 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

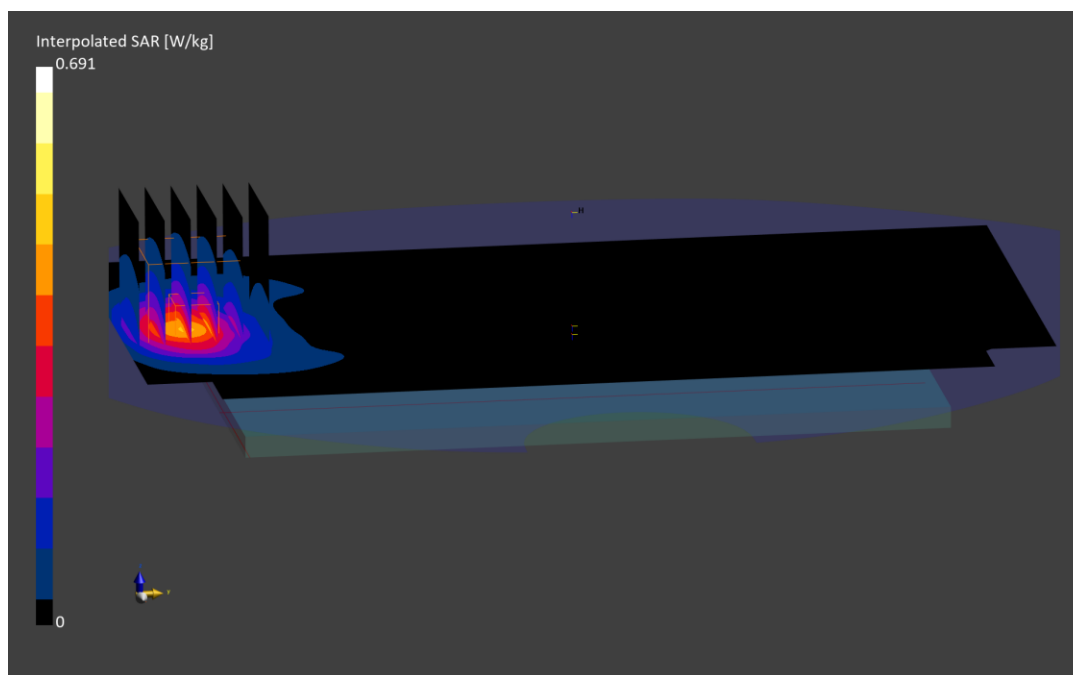
Reference Value = 0.02 W/kg; Power Drift = -0.17 dB

Peak SAR (extrapolated) = 0.691 W/kg

SAR(1 g) = 0.391 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 = 83.5 %



ELEMENT

DUT: A3LSMS938B; Type: Portable Handset; Serial: 0827M

Communication System: UID:10297 - AAE, LTE-FDD; MAIA: Y; Frequency: 1770.000 MHz

Medium: 1750 Head; Medium parameters used:

f = 1770.000 MHz; cond = 1.38 S/m; perm = 39.2; density = 1000 kg/m³

Phantom Section: Flat; Space: 10.00 mm

Test Date: 09/16/2024; Ambient Temp: 22.3°C; Tissue Temp: 22.0°C

Probe: EX3DV4 - SN7409; ConvF:(8.09,7.68,8.14); Calibrated: 2024-06-17

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

Electronics: DAE4 Sn1334; Calibrated: 2024-06-11

Phantom: Twin-SAM V8.0; Serial: 2056

Measurement SW: DASY Module SAR V16.4.0.5005

**Mode: LTE Band 66, Antenna A, Exp: Hotspot| Bottom Edge, Ch. High,
20 MHz Bandwidth, QPSK, 50 RB, 0 RB Offset**

Area Scan (40.0 x 120.0): Measurement grid: dx=5.0 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

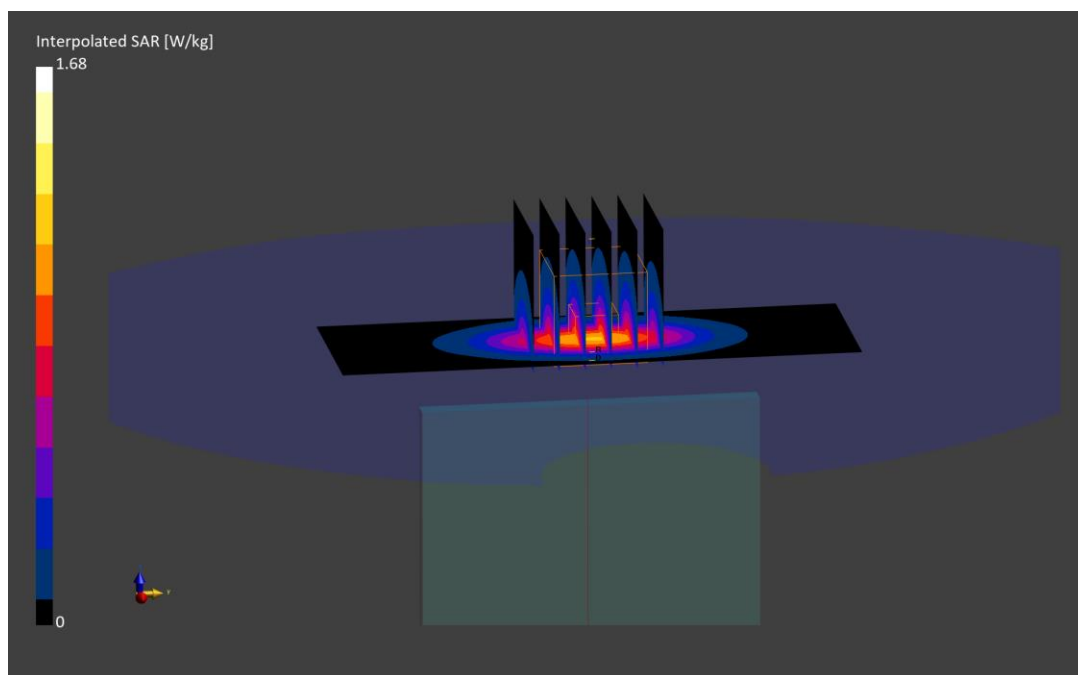
Reference Value = 1.13 W/kg; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 1.68 W/kg

SAR(1 g) = 0.915 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 = 82.0 %



ELEMENT

DUT: A3LSMS938B; Type: Portable Handset; Serial: 0827M

Communication System: UID:10297 - AAE, LTE-FDD; MAIA: Y; Frequency: 1905.000 MHz

Medium: 1900 Head; Medium parameters used:

f = 1905.000 MHz; cond = 1.46 S/m; perm = 39.0; density = 1000 kg/m³

Phantom Section: RightHead; Space: 0.00 mm

Test Date: 09/16/2024; Ambient Temp: 22.3°C; Tissue Temp: 22.0°C

Probe: EX3DV4 - SN7409; ConvF:(7.72,7.32,7.76); Calibrated: 2024-06-17

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

Electronics: DAE4 Sn1334; Calibrated: 2024-06-11

Phantom: Twin-SAM V8.0; Serial: 2056

Measurement SW: DASY Module SAR V16.4.0.5005

**Mode: LTE Band 25, Antenna F, Exp: Head| Right Tilt, Ch. High,
20 MHz Bandwidth, QPSK, 50 RB, 50 RB Offset**

Area Scan (120.0 x 210.0): 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

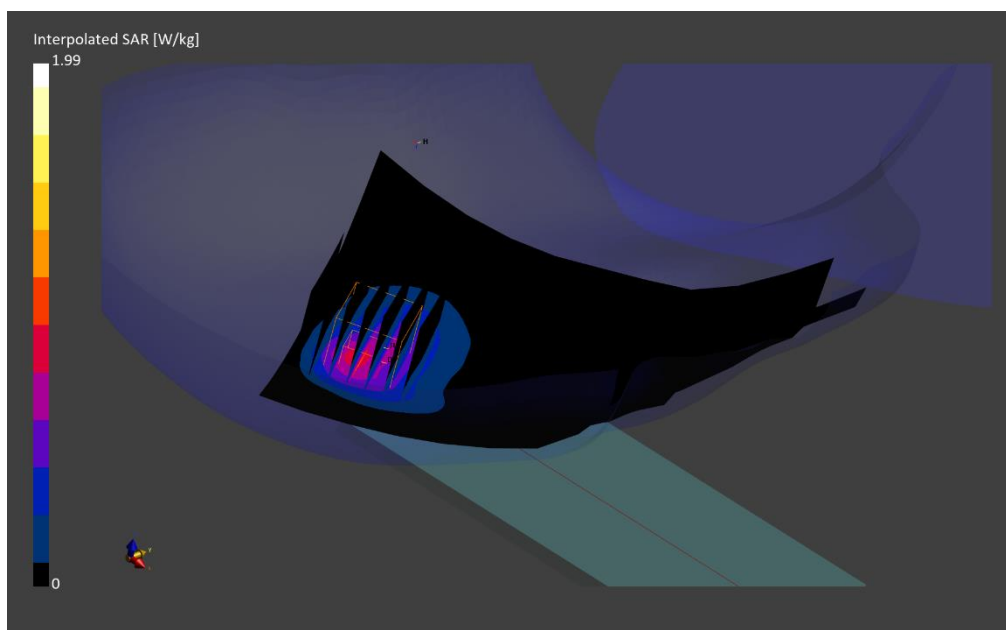
Reference Value = 0.77 W/kg; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 1.99 W/kg

SAR(1 g) = 0.900 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 = 78.1 %



ELEMENT

DUT: A3LSMS938B; Type: Portable Handset; Serial: 0738M

Communication System: UID:10297 - AAE, LTE-FDD; MAIA: Y; Frequency: 1905.000 MHz

Medium: 1900 Head; Medium parameters used:

f = 1905.000 MHz; cond = 1.45 S/m; perm = 40.2; density = 1000 kg/m³

Phantom Section: Flat; Space: 10.00 mm

Test Date: 09/16/2024; Ambient Temp: 22.6°C; Tissue Temp: 21.8°C

Probe: EX3DV4 - SN7659; ConvF:(8.88,8.88,8.88); Calibrated: 2024-04-17

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

Electronics: DAE4 Sn1407; Calibrated: 2024-04-18

Phantom: Twin-SAM V8.0; Serial: 2064

Measurement SW: DASY Module SAR V16.4.0.5005

**Mode: LTE Band 25, Antenna A, Exp: Body-worn| Back Side, Ch. High,
20 MHz Bandwidth, QPSK, 50 RB, 50 RB Offset**

Area Scan (120.0 x 210.0): 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

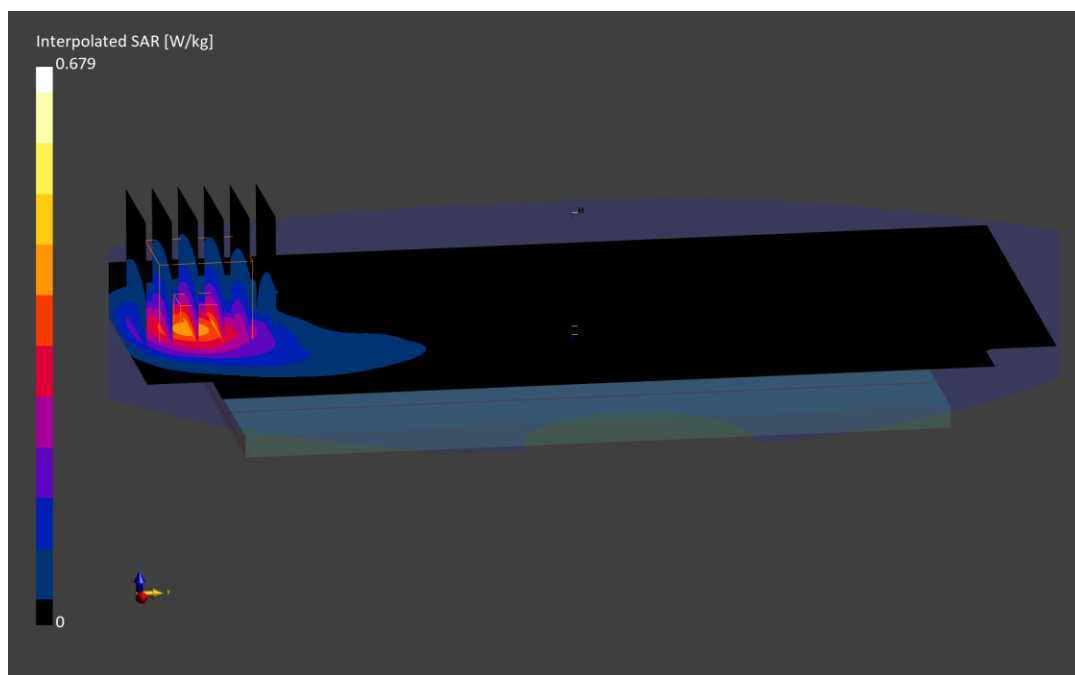
Reference Value = 0.04 W/kg; Power Drift = -0.10 dB

Peak SAR (extrapolated) = 0.679 W/kg

SAR(1 g) = 0.382 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 = 83.7 %



ELEMENT

DUT: A3LSMS938B; Type: Portable Handset; Serial: 0827M

Communication System: UID:10169 - CAF, LTE-FDD; MAIA: Y; Frequency: 1905.000 MHz

Medium: 1900 Head; Medium parameters used:

f = 1905.000 MHz; cond = 1.46 S/m; perm = 39.0; density = 1000 kg/m³

Phantom Section: Flat; Space: 10.00 mm

Test Date: 09/16/2024; Ambient Temp: 22.3°C; Tissue Temp: 22.0°C

Probe: EX3DV4 - SN7409; ConvF:(7.72,7.32,7.76); Calibrated: 2024-06-17

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

Electronics: DAE4 Sn1334; Calibrated: 2024-06-11

Phantom: Twin-SAM V8.0; Serial: 2056

Measurement SW: DASY Module SAR V16.4.0.5005

**Mode: LTE Band 25, Antenna A, Exp: Hotspot| Bottom Edge, Ch. High,
20 MHz Bandwidth, QPSK, 1 RB, 50 RB Offset**

Area Scan (40.0 x 120.0): Measurement grid: dx=5.0 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

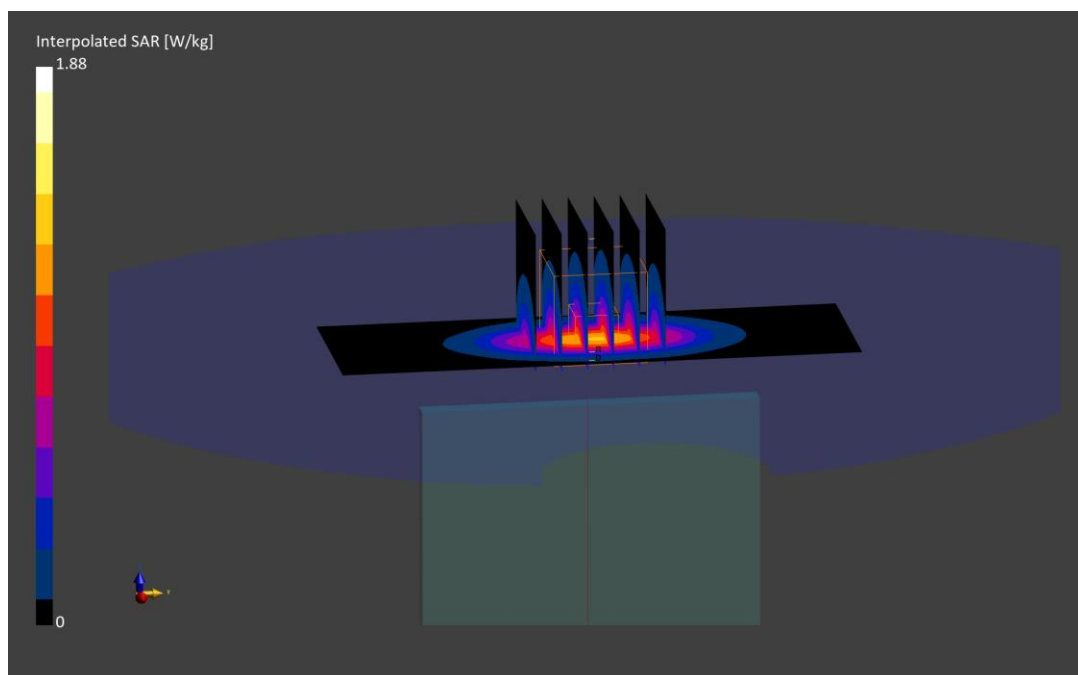
Reference Value = 1.27 W/kg; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 1.88 W/kg

SAR(1 g) = 1.02 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 = 82.0 %



ELEMENT

DUT: A3LSMS938B; Type: Portable Handset; Serial: 0829M

Communication System: UID:10151 - CAH, LTE-TDD; MAIA: Y; Frequency: 2680.000 MHz

Medium: 2450 Head; Medium parameters used:

f = 2680.000 MHz; cond = 2.04 S/m; perm = 37.8; density = 1000 kg/m³

Phantom Section: RightHead; Space: 0.00 mm

Test Date: 10/02/2024; Ambient Temp: 20.9°C; Tissue Temp: 20.9°C

Probe: EX3DV4 - SN7640; ConvF:(8.13,7.69,8.37); Calibrated: 2024-02-09

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

Electronics: DAE4 Sn1645; Calibrated: 2024-02-09

Phantom: Twin-SAM V8.0; Serial: 1937

Measurement SW: DASY Module SAR V16.4.0.5005

**Mode: LTE Band 41, HPUE, Antenna F, Exp: Head| Right Tilt, Ch. High,
20 MHz Bandwidth, QPSK, 50 RB, 50 RB Offset**

Area Scan (120.0 x 200.0): 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

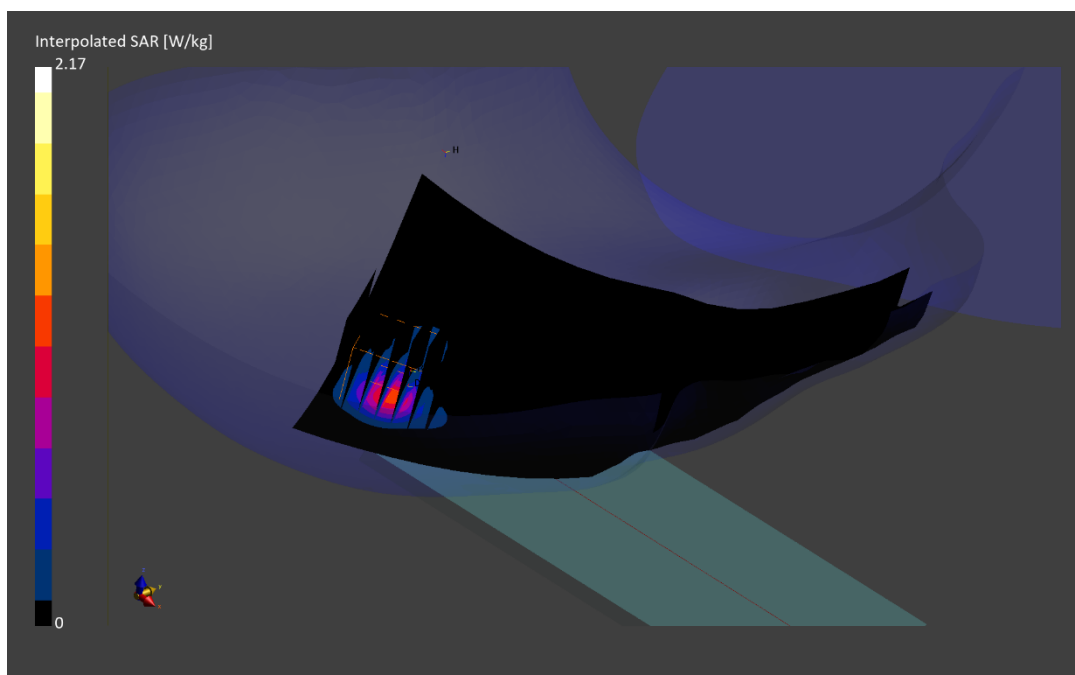
Reference Value = 0.77 W/kg; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 2.17 W/kg

SAR(1 g) = 0.916 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 = 77.4 %



ELEMENT

DUT: A3LSMS938B; Type: Portable Handset; Serial: 0829M

Communication System: UID:10435 - AAG, LTE-TDD; MAIA: Y; Frequency: 2506.000 MHz

Medium: 2450 Head; Medium parameters used:

f = 2506.000 MHz; cond = 1.90 S/m; perm = 38.1; density = 1000 kg/m³

Phantom Section: Flat; Space: 10.00 mm

Test Date: 10/02/2024; Ambient Temp: 20.9°C; Tissue Temp: 20.9°C

Probe: EX3DV4 - SN7640; ConvF:(8.05,7.65,8.28); Calibrated: 2024-02-09

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

Electronics: DAE4 Sn1645; Calibrated: 2024-02-09

Phantom: Twin-SAM V8.0; Serial: 1937

Measurement SW: DASY Module SAR V16.4.0.5005

**Mode: LTE Band 41, Antenna B, Exp: Body-worn| Back Side, Ch. Low,
20 MHz Bandwidth, QPSK, 1 RB, 99 RB Offset**

Area Scan (120.0 x 200.0): 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

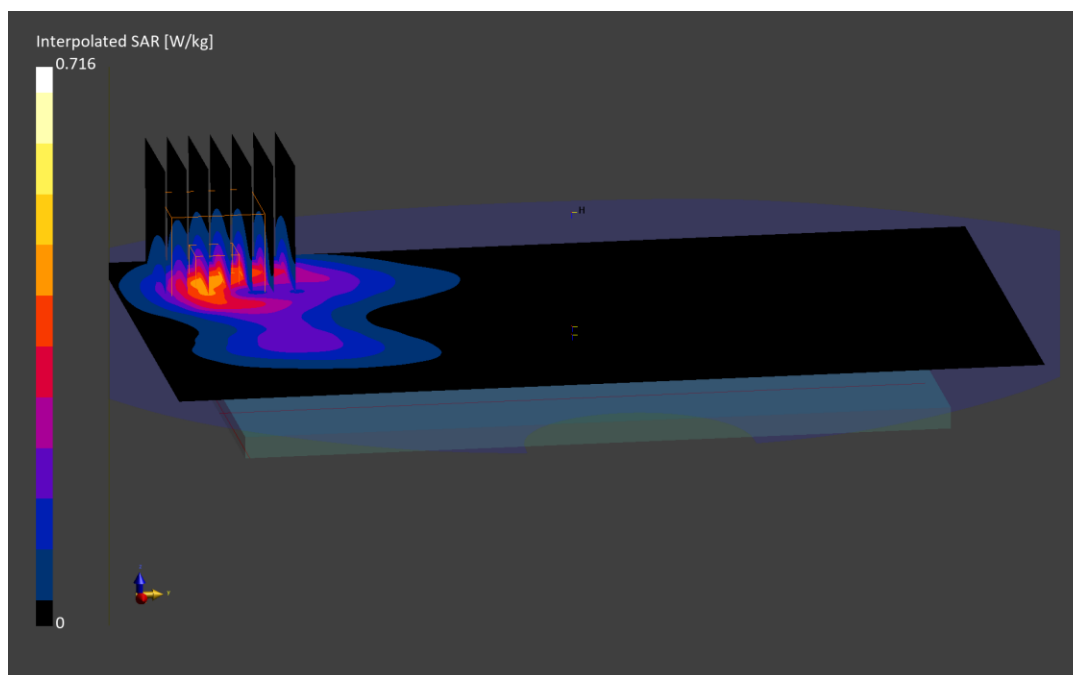
Reference Value = 0.32 W/kg; Power Drift = 0.00 dB

Peak SAR (extrapolated) = 0.716 W/kg

SAR(1 g) = 0.366 W/kg

Smallest distance from peaks to all points 3 dB below is 8.5 mm

Ratio of SAR at M2 to SAR at M1 = 81.6 %



ELEMENT

DUT: A3LSMS938B; Type: Portable Handset; Serial: 0829M

Communication System: UID:10151 - CAH, LTE-TDD; MAIA: Y; Frequency: 2506.000 MHz

Medium: 2450 Head; Medium parameters used:

$f = 2506.000$ MHz; $\text{cond} = 1.85$ S/m; $\text{perm} = 38.9$; $\text{density} = 1000$ kg/m³

Phantom Section: Flat; Space: 10.00 mm

Test Date: 10/14/2024; Ambient Temp: 21.0°C; Tissue Temp: 20.8°C

Probe: EX3DV4 - SN7640; ConvF:(8.05,7.65,8.28); Calibrated: 2024-02-09

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

Electronics: DAE4 Sn1645; Calibrated: 2024-02-09

Phantom: Twin-SAM V8.0; Serial: 1937

Measurement SW: DASY Module SAR V16.4.0.5005

**Mode: LTE Band 41, HPUE, Antenna F, Exp: Hotspot| Top Edge, Ch. Low,
20 MHz Bandwidth, QPSK, 50 RB, 50 RB Offset**

Area Scan (60.0 x 120.0): Measurement grid: $dx=5.0$ 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

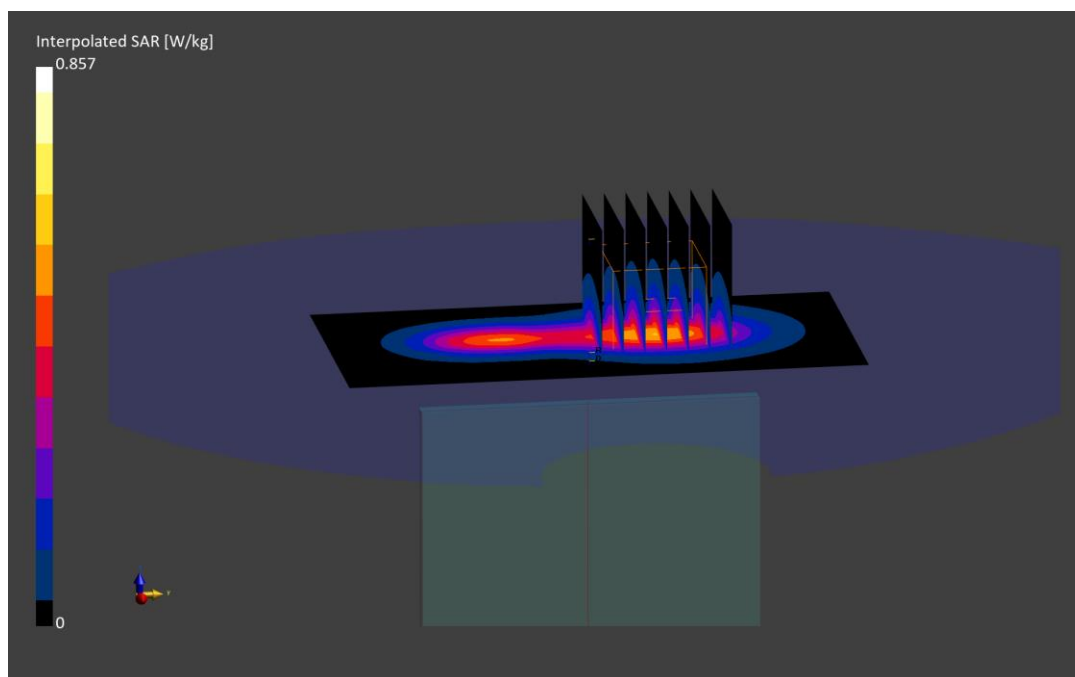
Reference Value = 0.39 W/kg; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 0.857 W/kg

SAR(1 g) = 0.452 W/kg

Smallest distance from peaks to all points 3 dB below is 11.5 mm

Ratio of SAR at M2 to SAR at M1 = 81.3 %



ELEMENT

DUT: A3LSMS938B; Type: Portable Handset; Serial: 0833M

Communication System: UID:10947 - AAC, 5G NR FR1 FDD; MAIA: Y; Frequency: 836.500 MHz

Medium: 835 Head; Medium parameters used:

f = 836.500 MHz; cond = 0.944 S/m; perm = 39.8; density = 1000 kg/m³

Phantom Section: LeftHead; Space: 0.00 mm

Test Date: 09/15/2024; Ambient Temp: 24.3°C; Tissue Temp: 23.1°C

Probe: EX3DV4 - SN7406; ConvF:(9.29,8.78,9.79); Calibrated: 2024-07-05

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

Electronics: DAE4 Sn1677; Calibrated: 2024-07-08

Phantom: Twin-SAM V5.0; Serial: 1800

Measurement SW: DASY Module SAR V16.4.0.5005

**Mode: NR Band n5, Antenna E, Exp: Head| Left Cheek, Ch. 167300,
20 MHz Bandwidth, DFT-s-OFDM QPSK, 100 RB, 0 RB Offset**

Area Scan (120.0 x 210.0): 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

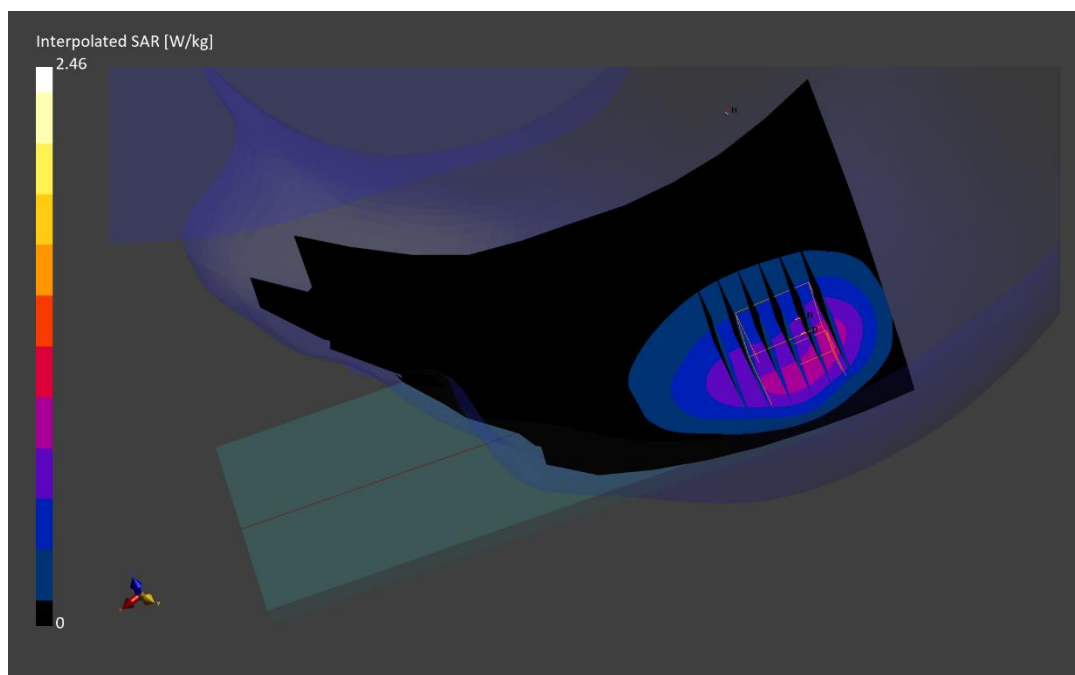
Reference Value = 0.59 W/kg; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 2.46 W/kg

SAR(1 g) = 0.936 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 = 68.9 %



ELEMENT

DUT: A3LSMS938B; Type: Portable Handset; Serial: 0833M

Communication System: UID:10931 - AAC, 5G NR FR1 FDD; MAIA: Y; Frequency: 836.500 MHz

Medium: 835 Head; Medium parameters used:

$f = 836.500$ MHz; $\text{cond} = 0.944$ S/m; $\text{perm} = 39.8$; $\text{density} = 1000$ kg/m³

Phantom Section: Flat; Space: 10.00 mm

Test Date: 09/15/2024; Ambient Temp: 24.3°C; Tissue Temp: 23.1°C

Probe: EX3DV4 - SN7406; ConvF:(9.29,8.78,9.79); Calibrated: 2024-07-05

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

Electronics: DAE4 Sn1677; Calibrated: 2024-07-08

Phantom: Twin-SAM V5.0; Serial: 1800

Measurement SW: DASY Module SAR V16.4.0.5005

**Mode: NR Band n5, Antenna E, Exp: Body-worn| Back Side, Ch. 167300,
20 MHz Bandwidth, DFT-s-OFDM QPSK, 1 RB, 104 RB Offset**

Area Scan (120.0 x 210.0): 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

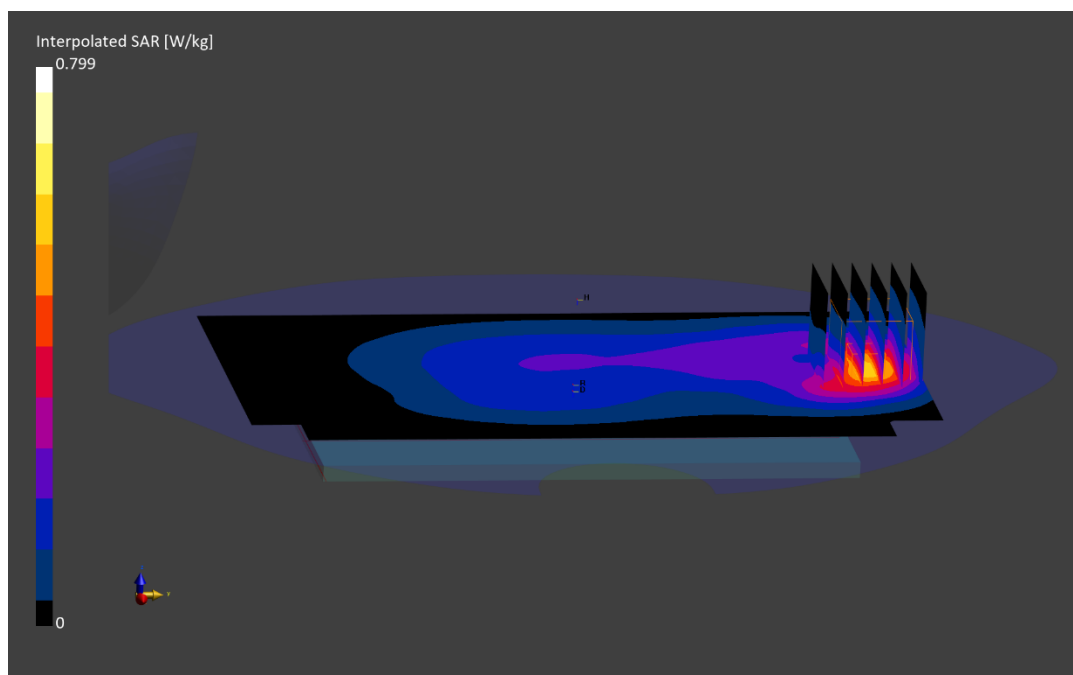
Reference Value = 0.20 W/kg; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 0.799 W/kg

SAR(1 g) = 0.465 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 = 83.5 %



ELEMENT

DUT: A3LSMS938B; Type: Portable Handset; Serial: 0833M

Communication System: UID:10931 - AAC, 5G NR FR1 FDD; MAIA: Y; Frequency: 836.500 MHz

Medium: 835 Head; Medium parameters used:

$f = 836.500$ MHz; $\text{cond} = 0.944$ S/m; $\text{perm} = 39.8$; $\text{density} = 1000$ kg/m³

Phantom Section: Flat; Space: 10.00 mm

Test Date: 09/15/2024; Ambient Temp: 24.3°C; Tissue Temp: 23.1°C

Probe: EX3DV4 - SN7406; ConvF:(9.29,8.78,9.79); Calibrated: 2024-07-05

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

Electronics: DAE4 Sn1677; Calibrated: 2024-07-08

Phantom: Twin-SAM V5.0; Serial: 1800

Measurement SW: DASY Module SAR V16.4.0.5005

**Mode: NR Band n5, Antenna E, Exp: Hotspot| Top Edge, Ch. 167300,
20 MHz Bandwidth, DFT-s-OFDM QPSK, 1 RB, 104 RB Offset**

Area Scan (40.0 x 120.0): Measurement grid: $dx=5.0$ 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

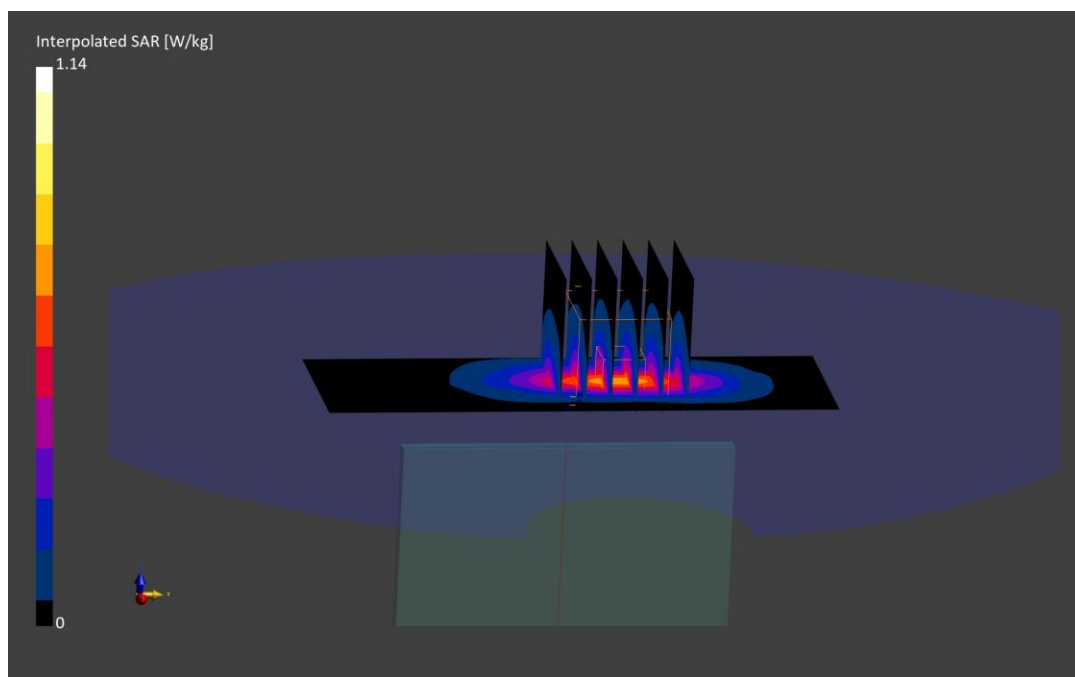
Reference Value = 0.58 W/kg; Power Drift = -0.10 dB

Peak SAR (extrapolated) = 1.14 W/kg

SAR(1 g) = 0.557 W/kg

Smallest distance from peaks to all points 3 dB below is 8.4 mm

Ratio of SAR at M2 to SAR at M1 = 79.3 %



ELEMENT

DUT: A3LSMS938B; Type: Portable Handset; Serial: 0744M

Communication System: UID:10942 - AAC, 5G NR FR1 FDD; MAIA: Y; Frequency: 1745.000 MHz

Medium: 1750 Head; Medium parameters used:

f = 1745.000 MHz; cond = 1.31 S/m; perm = 40.3; density = 1000 kg/m³

Phantom Section: RightHead; Space: 0.00 mm

Test Date: 09/15/2024; Ambient Temp: 22.5°C; Tissue Temp: 21.1°C

Probe: EX3DV4 - SN7803; ConvF:(7.77,7.94,8.07); Calibrated: 2024-06-28

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

Electronics: DAE4 Sn1583; Calibrated: 2024-07-08

Phantom: Twin-SAM V8.0; Serial: 2065

Measurement SW: DASY Module SAR V16.4.0.5005

**Mode: NR Band n66, Antenna F, Exp: Head| Right Tilt, Ch. 349000,
45 MHz Bandwidth, DFT-s-OFDM QPSK, 120 RB, 0 RB Offset**

Area Scan (120.0 x 210.0): 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

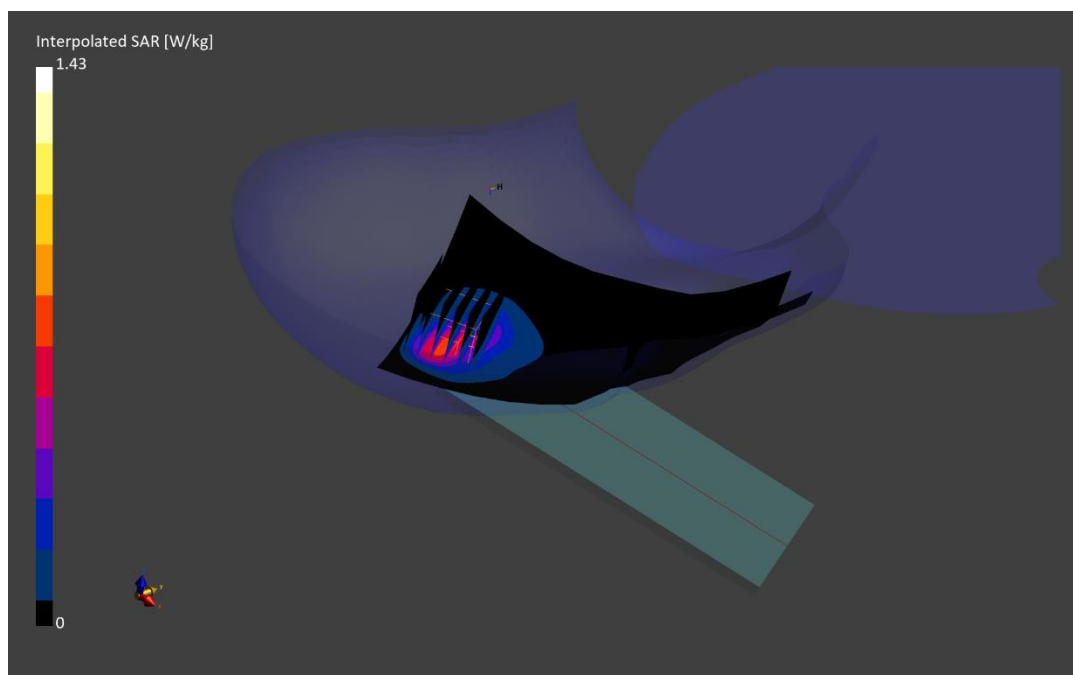
Reference Value = 0.65 W/kg; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 1.43 W/kg

SAR(1 g) = 0.709 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 = 79.3 %



ELEMENT

DUT: A3LSMS938B; Type: Portable Handset; Serial: 0744M

Communication System: UID:10934 - AAC, 5G NR FR1 FDD; MAIA: Y; Frequency: 1745.000 MHz

Medium: 1750 Head; Medium parameters used:

f = 1745.000 MHz; cond = 1.31 S/m; perm = 39.3; density = 1000 kg/m³

Phantom Section: Flat; Space: 10.00 mm

Test Date: 09/16/2024; Ambient Temp: 21.9°C; Tissue Temp: 21.0°C

Probe: EX3DV4 - SN3914; ConvF:(8.12,7.51,7.51); Calibrated: 2024-05-10

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

Electronics: DAE4 Sn728; Calibrated: 2024-05-08

Phantom: Twin-SAM V8.0; Serial: 2060

Measurement SW: DASY Module SAR V16.4.0.5005

**Mode: NR Band n66, Antenna A, Exp: Body-worn| Back Side, Ch. 349000,
45 MHz Bandwidth, DFT-s-OFDM QPSK, 1 RB, 240 RB Offset**

Area Scan (120.0 x 210.0): 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

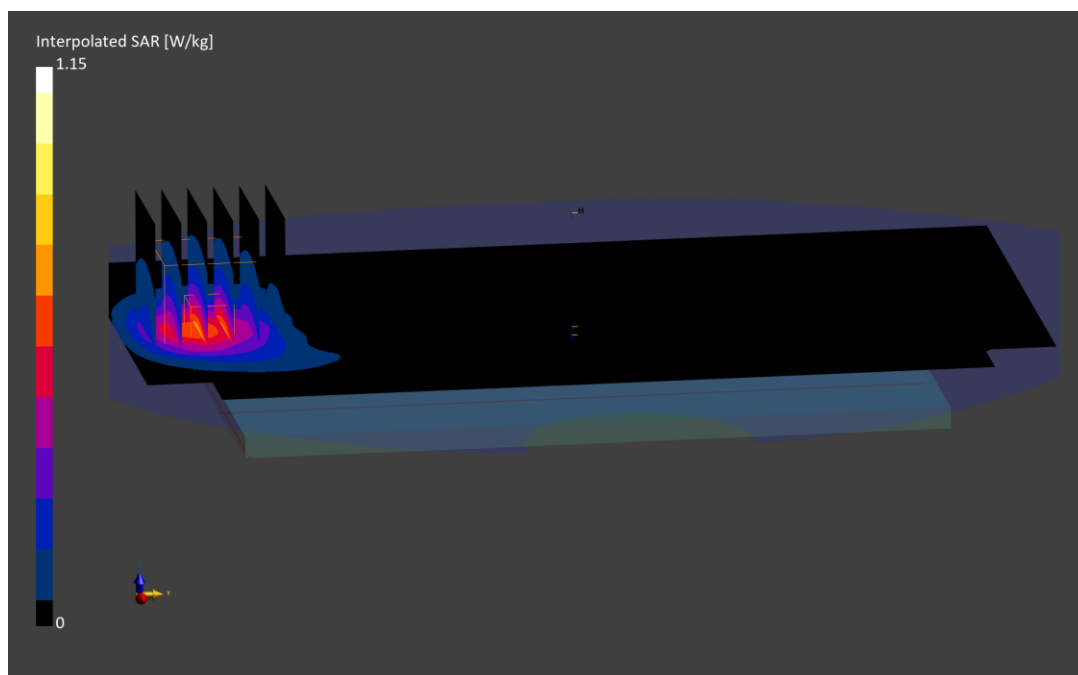
Reference Value = 0.65 W/kg; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 1.15 W/kg

SAR(1 g) = 0.641 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 = 83.4 %



ELEMENT

DUT: A3LSMS938B; Type: Portable Handset; Serial: 0744M

Communication System: UID:10934 - AAC, 5G NR FR1 FDD; MAIA: Y; Frequency: 1745.000 MHz

Medium: 1750 Head; Medium parameters used:

f = 1745.000 MHz; cond = 1.31 S/m; perm = 39.3; density = 1000 kg/m³

Phantom Section: Flat; Space: 10.00 mm

Test Date: 09/16/2024; Ambient Temp: 21.9°C; Tissue Temp: 21°C

Probe: EX3DV4 - SN3914; ConvF:(8.12,7.51,7.51); Calibrated: 2024-05-10

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

Electronics: DAE4 Sn728; Calibrated: 2024-05-08

Phantom: Twin-SAM V8.0; Serial: 2060

Measurement SW: DASY Module SAR V16.4.0.5005

**Mode: NR Band n66, Antenna A, Exp: Hotspot| Bottom Edge, Ch. 349000,
45 MHz Bandwidth, DFT-s-OFDM QPSK, 1 RB, 240 RB Offset**

Area Scan (40.0 x 120.0): Measurement grid: dx=5.0 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

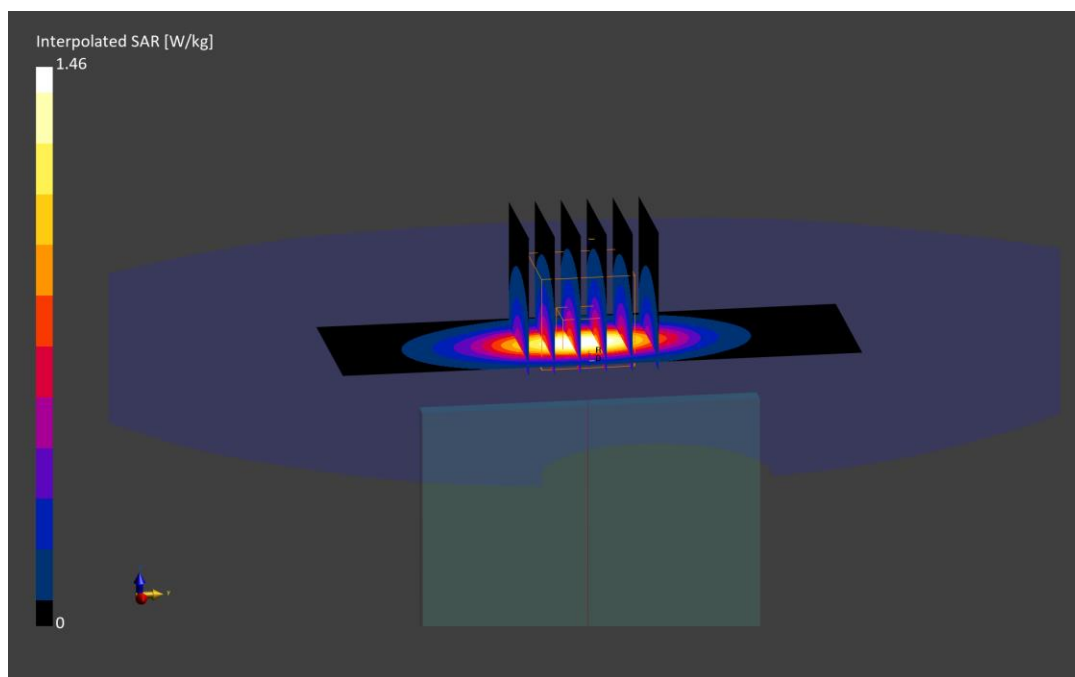
Reference Value = 0.82 W/kg; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 1.46 W/kg

SAR(1 g) = 0.813 W/kg

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

Ratio of SAR at M2 to SAR at M1 = 82.0 %



ELEMENT

DUT: A3LSMS938B; Type: Portable Handset; Serial: 0744M

Communication System: UID:10773 - AAF, CW; MAIA: Y; Frequency: 1882.500 MHz

Medium: 1900 Head; Medium parameters used:

f = 1882.500 MHz; cond = 1.38 S/m; perm = 40.1; density = 1000 kg/m³

Phantom Section: RightHead; Space: 0.00 mm

Test Date: 09/15/2024; Ambient Temp: 22.5°C; Tissue Temp: 21.1°C

Probe: EX3DV4 - SN7803; ConvF:(7.55,7.72,7.85); Calibrated: 2024-06-28

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

Electronics: DAE4 Sn1583; Calibrated: 2024-07-08

Phantom: Twin-SAM V8.0; Serial: 2065

Measurement SW: DASY Module SAR V16.4.0.5005

**Mode: NR Band n25, Antenna F, Exp: Head| Right Tilt, Ch. 376500,
40 MHz Bandwidth, CP-OFDM QPSK, 1 RB, 1 RB Offset**

Area Scan (120.0 x 210.0): 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

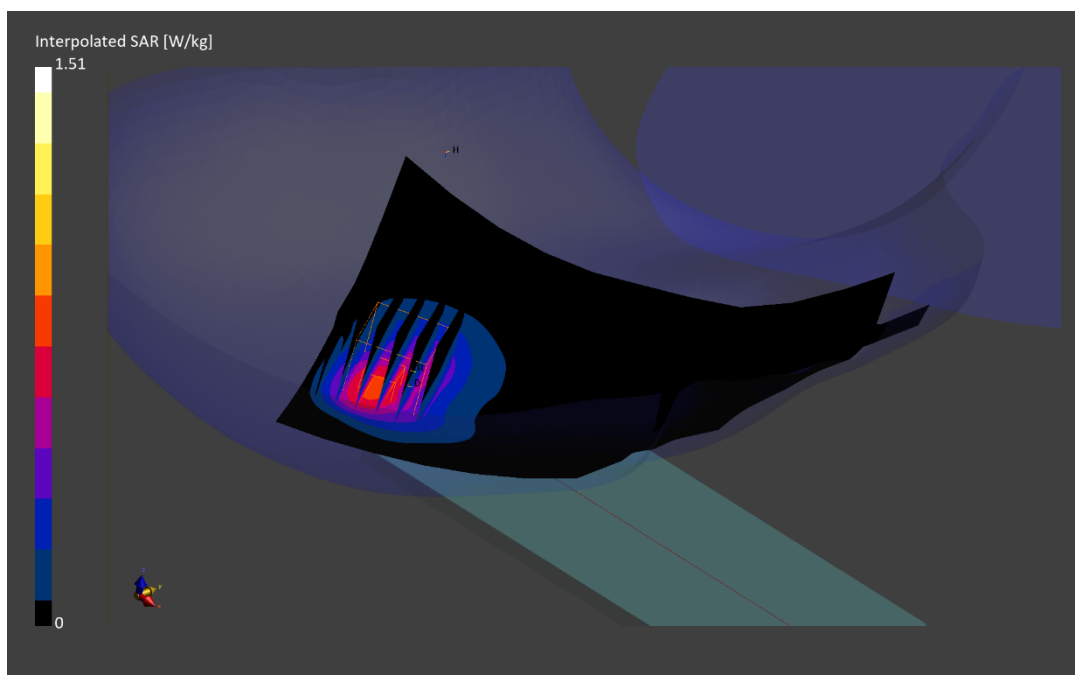
Reference Value = 0.72 W/kg; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 1.51 W/kg

SAR(1 g) = 0.766 W/kg

Smallest distance from peaks to all points 3 dB below is 8.2 mm

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



ELEMENT

DUT: A3LSMS938B; Type: Portable Handset; Serial: 0744M

Communication System: UID:10942 - AAC, 5G NR FR1 FDD; MAIA: Y; Frequency: 1882.500 MHz

Medium: 1900 Head; Medium parameters used:

$f = 1882.500$ MHz; $\text{cond} = 1.39$ S/m; $\text{perm} = 39.0$; $\text{density} = 1000$ kg/m³

Phantom Section: Flat; Space: 10.00 mm

Test Date: 09/16/2024; Ambient Temp: 21.9°C; Tissue Temp: 21.0°C

Probe: EX3DV4 - SN3914; ConvF:(8.04,7.37,7.44); Calibrated: 2024-05-10

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

Electronics: DAE4 Sn728; Calibrated: 2024-05-08

Phantom: Twin-SAM V8.0; Serial: 2060

Measurement SW: DASY Module SAR V16.4.0.5005

**Mode: NR Band n25, Antenna A, Exp: Body-worn| Back Side, Ch. 376500,
40 MHz Bandwidth, DFT-s-OFDM QPSK, 108 RB, 54 RB Offset**

Area Scan (120.0 x 210.0): 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

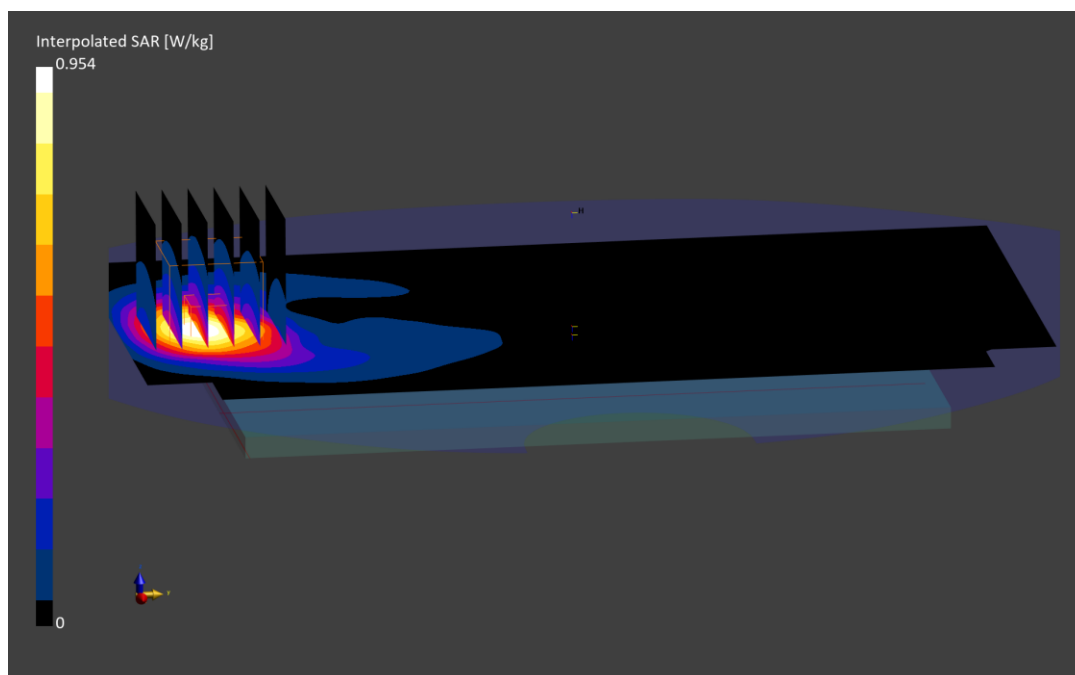
Reference Value = 0.53 W/kg; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 0.954 W/kg

SAR(1 g) = 0.532 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 = 84.5 %



ELEMENT

DUT: A3LSMS938B; Type: Portable Handset; Serial: 0744M

Communication System: UID:10773 - AAF, 5G NR FR1 FDD; MAIA: Y; Frequency: 1882.500 MHz

Medium: 1900 Head; Medium parameters used:

f = 1882.500 MHz; cond = 1.40 S/m; perm = 41.8; density = 1000 kg/m³

Phantom Section: Flat; Space: 10.00 mm

Test Date: 10/07/2024; Ambient Temp: 21.9°C; Tissue Temp: 21.1°C

Probe: EX3DV4 - SN3914; ConvF:(8.04,7.37,7.44); Calibrated: 2024-05-10

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

Electronics: DAE4 Sn728; Calibrated: 2024-05-08

Phantom: Twin-SAM V8.0; Serial: 2060

Measurement SW: DASY Module SAR V16.4.0.5005

**Mode: NR Band n25, Antenna A, Exp: Hotspot| Bottom Edge, Ch. 376500,
40 MHz Bandwidth, CP-OFDM QPSK, 1 RB, 1 RB Offset**

Area Scan (40.0 x 120.0): Measurement grid: dx=5.0 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

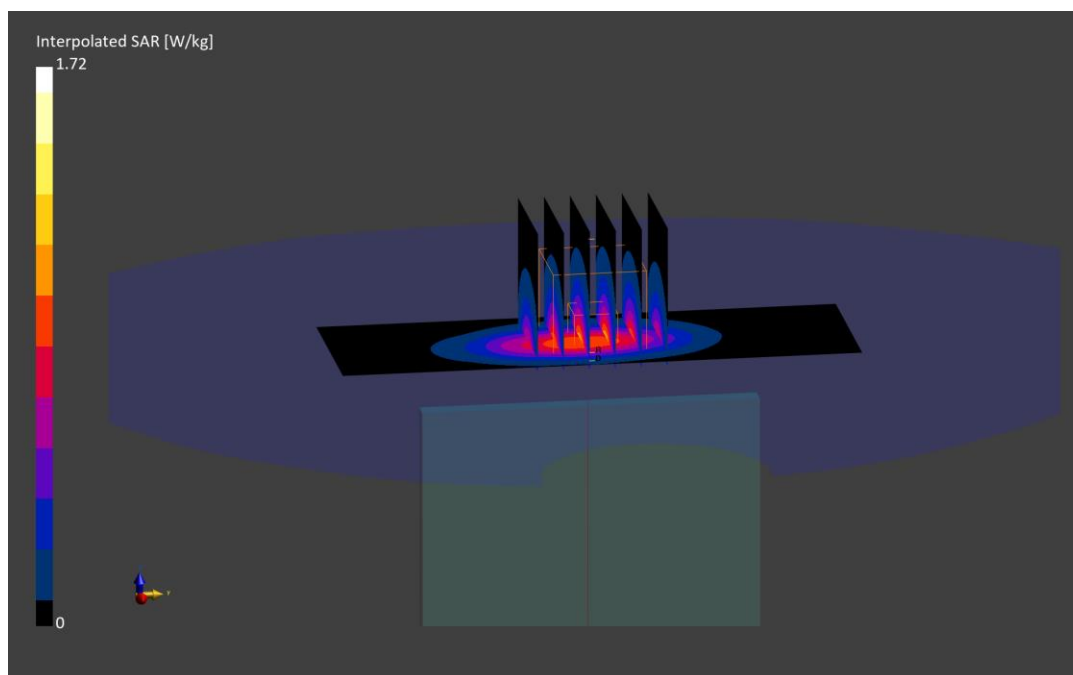
Reference Value = 0.95 W/kg; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 1.72 W/kg

SAR(1 g) = 0.943 W/kg

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

Ratio of SAR at M2 to SAR at M1 = 82.3 %



ELEMENT

DUT: A3LSMS938B; Type: Portable Handset; Serial: 0832M

Communication System: UID:10868 - AAF, 5G NR FR1 TDD; MAIA: Y; Frequency: 2592.990 MHz

Medium: 2450 Head; Medium parameters used:

f = 2592.990 MHz; cond = 1.91 S/m; perm = 37.8; density = 1000 kg/m³

Phantom Section: RightHead; Space: 0.00 mm

Test Date: 10/07/2024; Ambient Temp: 21.0°C; Tissue Temp: 21.1°C

Probe: EX3DV4 - SN7640; ConvF:(8.13,7.69,8.37); Calibrated: 2024-02-09

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

Electronics: DAE4 Sn1645; Calibrated: 2024-02-09

Phantom: Twin-SAM V8.0; Serial: 1937

Measurement SW: DASY Module SAR V16.4.0.5005

**Mode: NR Band n41, Antenna F, Exp: Head| Right Tilt, Ch. 518598,
100 MHz Bandwidth, DFT-s-OFDM QPSK, 270 RB, 0 RB Offset**

Area Scan (120.0 x 200.0): 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

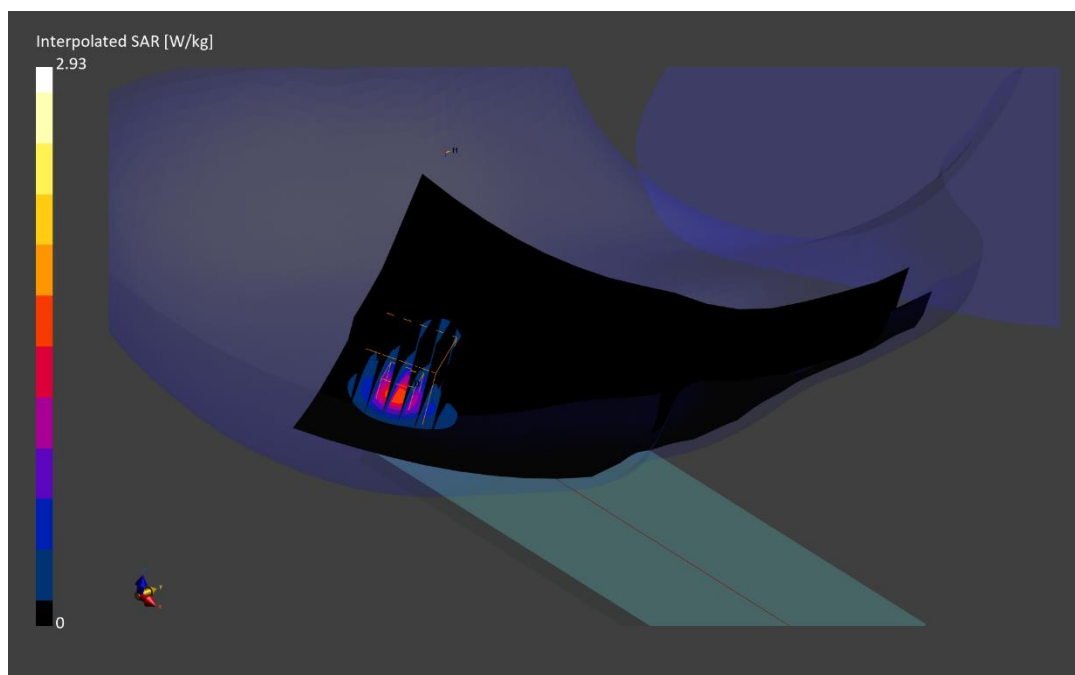
Reference Value = 0.92 W/kg; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 2.93 W/kg

SAR(1 g) = 1.15 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 = 75.4 %



ELEMENT

DUT: A3LSMS938B; Type: Portable Handset; Serial: 0829M

Communication System: UID:10866 - AAF, 5G NR FR1 TDD; MAIA: Y; Frequency: 2592.990 MHz

Medium: 2450 Head; Medium parameters used:

f = 2592.990 MHz; cond = 1.90 S/m; perm = 38.1; density = 1000 kg/m³

Phantom Section: Flat; Space: 10.00 mm

Test Date: 10/09/2024; Ambient Temp: 21.0°C; Tissue Temp: 21.0°C

Probe: EX3DV4 - SN7640; ConvF:(8.13,7.69,8.37); Calibrated: 2024-02-09

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

Electronics: DAE4 Sn1645; Calibrated: 2024-02-09

Phantom: Twin-SAM V8.0; Serial: 1937

Measurement SW: DASY Module SAR V16.4.0.5005

**Mode: NR Band n41, Antenna B, Exp: Body-worn| Back Side, Ch. 518598,
100 MHz Bandwidth, DFT-s-OFDM QPSK, 1 RB, 137 RB Offset**

Area Scan (120.0 x 200.0): 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

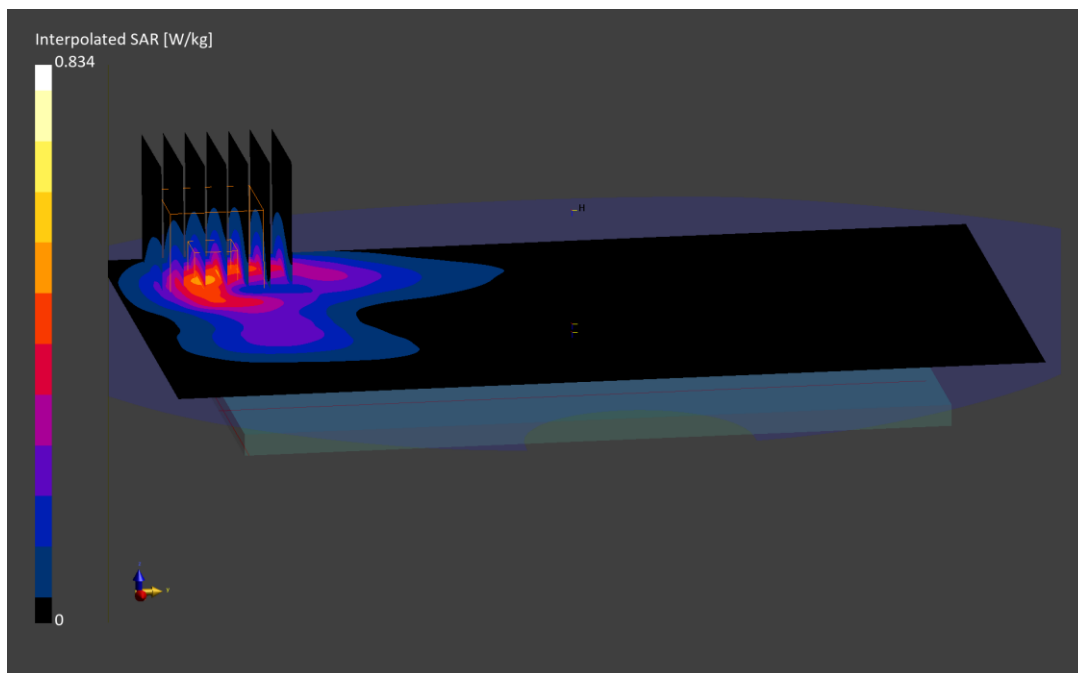
Reference Value = 0.35 W/kg; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 0.834 W/kg

SAR(1 g) = 0.409 W/kg

Smallest distance from peaks to all points 3 dB below is 8.1 mm

Ratio of SAR at M2 to SAR at M1 = 80.4 %



ELEMENT

DUT: A3LSMS938B; Type: Portable Handset; Serial: 0829M

Communication System: UID:10866 - AAF, 5G NR FR1 TDD; MAIA: Y; Frequency: 2592.990 MHz

Medium: 2450 Head; Medium parameters used:

f = 2592.990 MHz; cond = 1.90 S/m; perm = 38.1; density = 1000 kg/m³

Phantom Section: Flat; Space: 10.00 mm

Test Date: 10/09/2024; Ambient Temp: 21.0°C; Tissue Temp: 21.0°C

Probe: EX3DV4 - SN7640; ConvF:(8.13,7.69,8.37); Calibrated: 2024-02-09

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

Electronics: DAE4 Sn1645; Calibrated: 2024-02-09

Phantom: Twin-SAM V8.0; Serial: 1937

Measurement SW: DASY Module SAR V16.4.0.5005

**Mode: NR Band n41, Antenna B, Exp: Hotspot| Right Edge, Ch. 518598,
100 MHz Bandwidth, DFT-s-OFDM QPSK, 1 RB, 137 RB Offset**

Area Scan (60.0 x 200.0): Measurement grid: dx=5.0 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

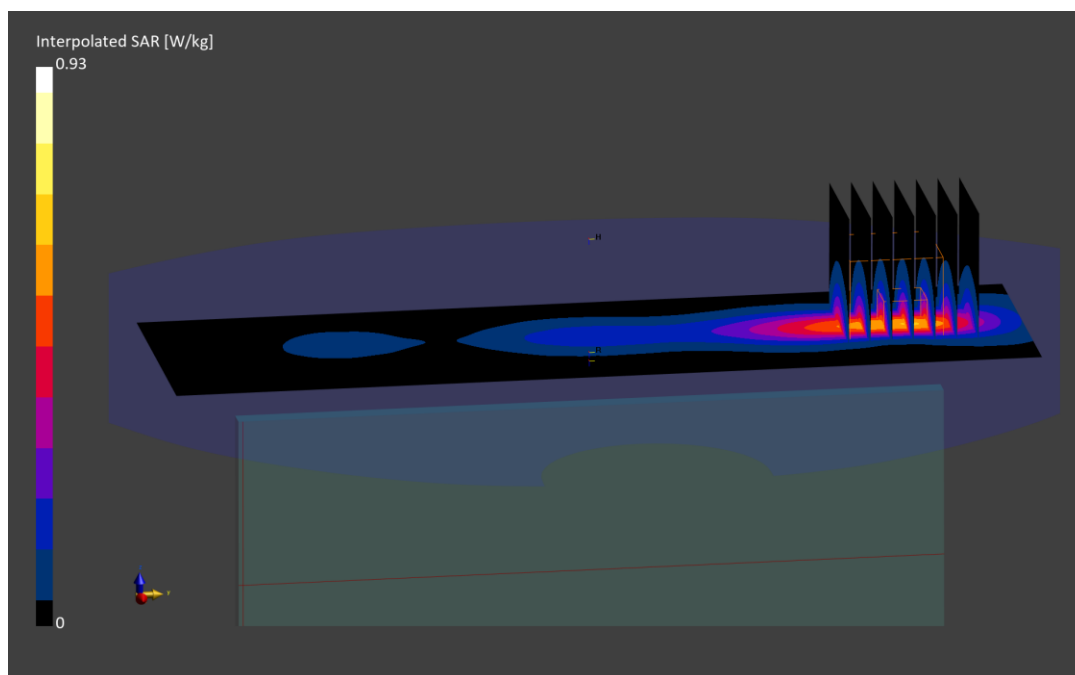
Reference Value = 0.41 W/kg; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 0.931 W/kg

SAR(1 g) = 0.467 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 = 82.4 %



ELEMENT

DUT: A3LSMS938B; Type: Portable Handset; Serial: 0820M

Communication System: UID:10866 - AAF, 5G NR FR1 TDD; MAIA: Y; Frequency: 3750.000 MHz

Medium: 3600 Head; Medium parameters used:

f = 3750.000 MHz; cond = 3.01 S/m; perm = 38.3; density = 1000 kg/m³

Phantom Section: RightHead; Space: 0.00 mm

Test Date: 10/14/2024; Ambient Temp: 21.4°C; Tissue Temp: 20.8°C

Probe: EX3DV4 - SN7565; ConvF:(6.82,5.99,5.94); Calibrated: 2024-01-16

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

Electronics: DAE4 Sn1466; Calibrated: 2024-01-16

Phantom: Twin-SAM V5.0; Serial: 1868

Measurement SW: DASY Module SAR V16.4.0.5005

**Mode: NR Band n77, Antenna F, Exp: Head| Right Tilt, Ch. 650000,
100 MHz Bandwidth, DFT-s-OFDM QPSK, 1 RB, 1 RB Offset**

Area Scan (120.0 x 200.0): Measurement grid: dx=10.0 mm, dy=10.0 mm

Zoom Scan (28.0 x 28.0 x 28.0): Measurement grid: dx=5.0 mm, dy=5.0 mm, dz=1.4 mm; Graded Ratio: 1.5

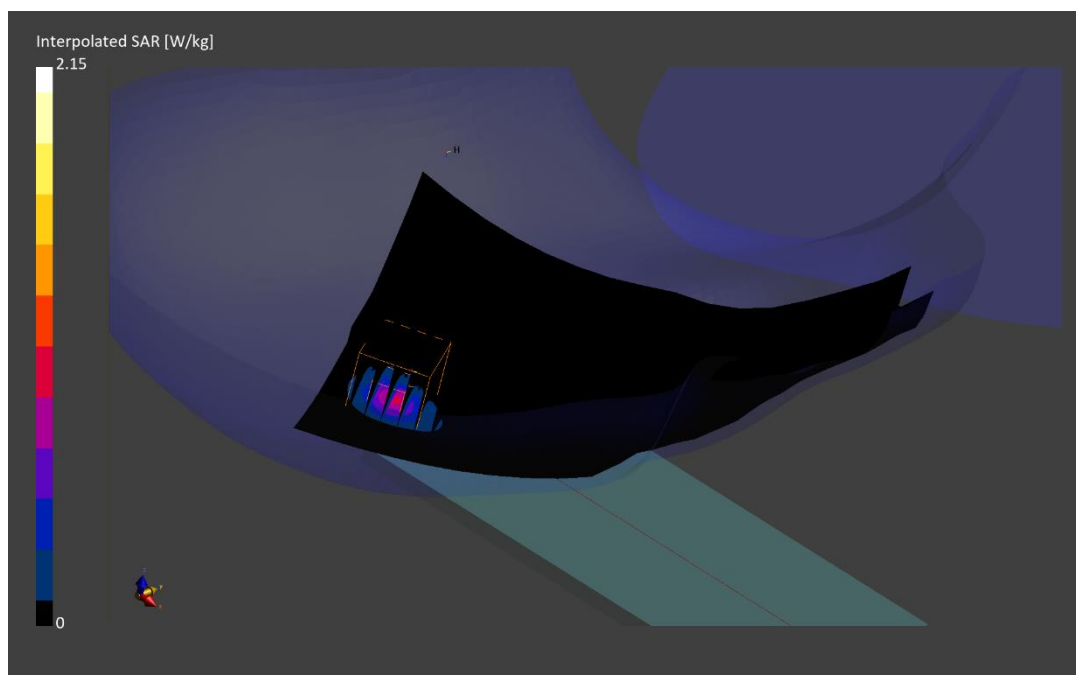
Reference Value = 0.55 W/kg; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 2.15 W/kg

SAR(1 g) = 0.732 W/kg

Smallest distance from peaks to all points 3 dB below is 6.4 mm

Ratio of SAR at M2 to SAR at M1 = 73.5 %



ELEMENT

DUT: A3LSMS938B; Type: Portable Handset; Serial: 0820M

Communication System: UID:10917 - AAD, 5G NR FR1 TDD; MAIA: Y; Frequency: 3930.000 MHz

Medium: 3600 Head; Medium parameters used:

f = 3930.000 MHz; cond = 3.21 S/m; perm = 36.7; density = 1000 kg/m³

Phantom Section: Flat; Space: 10.00 mm

Test Date: 10/07/2024; Ambient Temp: 21.4°C; Tissue Temp: 19.1°C

Probe: EX3DV4 - SN7565; ConvF:(6.69,5.89,5.81); Calibrated: 2024-01-16

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

Electronics: DAE4 Sn1466; Calibrated: 2024-01-16

Phantom: Twin-SAM V5.0; Serial: 1868

Measurement SW: DASY Module SAR V16.4.0.5005

**Mode: NR Band n77, Antenna F, Exp: Body-worn| Back Side, Ch. 662000,
100 MHz Bandwidth, DFT-s-OFDM QPSK, 135 RB, 0 RB Offset**

Area Scan (120.0 x 200.0): Measurement grid: dx=10.0 mm, dy=10.0 mm

Zoom Scan (28.0 x 28.0 x 28.0): Measurement grid: dx=5.0 mm, dy=5.0 mm, dz=1.4 mm; Graded Ratio: 1.5

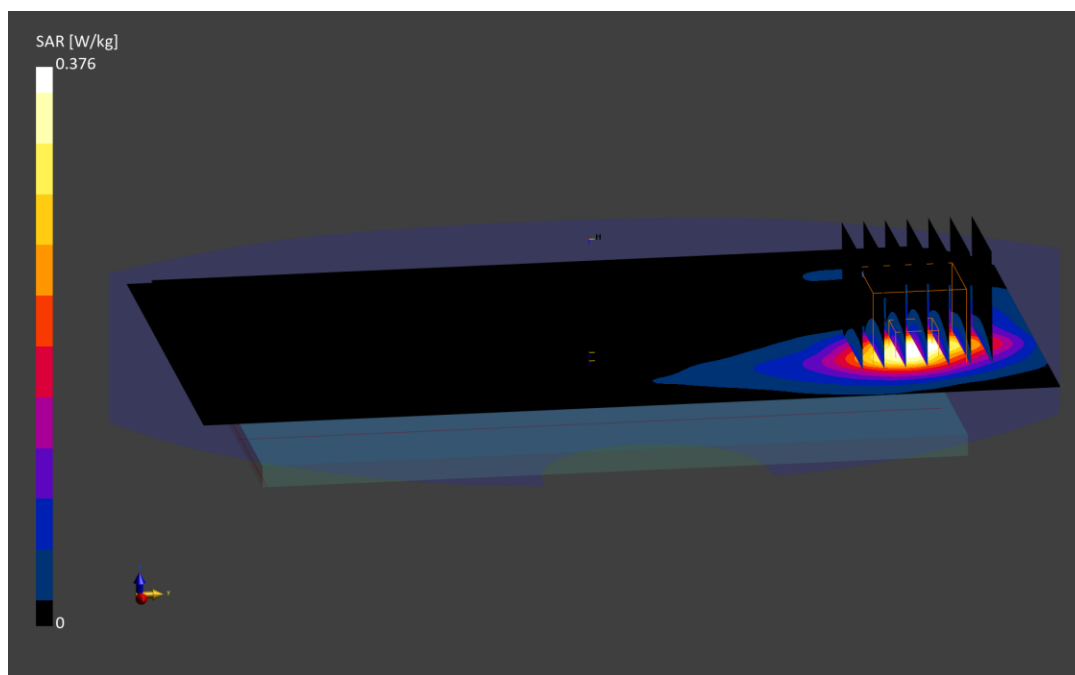
Reference Value = 0.26 W/kg; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.896 W/kg

SAR(1 g) = 0.367 W/kg

Smallest distance from peaks to all points 3 dB below is 12.3 mm

Ratio of SAR at M2 to SAR at M1 = 75.6 %



ELEMENT

DUT: A3LSMS938B; Type: Portable Handset; Serial: 0820M

Communication System: UID:10866 - AAF, 5G NR FR1 TDD; MAIA: Y; Frequency: 3500.010 MHz

Medium: 3600 Head; Medium parameters used:

f = 3500.010 MHz; cond = 2.78 S/m; perm = 37.4; density = 1000 kg/m³

Phantom Section: Flat; Space: 10.00 mm

Test Date: 10/07/2024; Ambient Temp: 21.4°C; Tissue Temp: 19.1°C

Probe: EX3DV4 - SN7565; ConvF:(6.96,6.13,6.05); Calibrated: 2024-01-16

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

Electronics: DAE4 Sn1466; Calibrated: 2024-01-16

Phantom: Twin-SAM V5.0; Serial: 1868

Measurement SW: DASY Module SAR V16.4.0.5005

**Mode: NR Band n77 DoD, Antenna F, Exp: Hotspot| Top Edge, Ch. 633334,
100 MHz Bandwidth, DFT-s-OFDM QPSK, 1 RB, 271 RB Offset**

Area Scan (40.0 x 120.0): Measurement grid: dx=5.0 mm, dy=10.0 mm

Zoom Scan (28.0 x 28.0 x 28.0): Measurement grid: dx=5.0 mm, dy=5.0 mm, dz=1.4 mm; Graded Ratio: 1.5

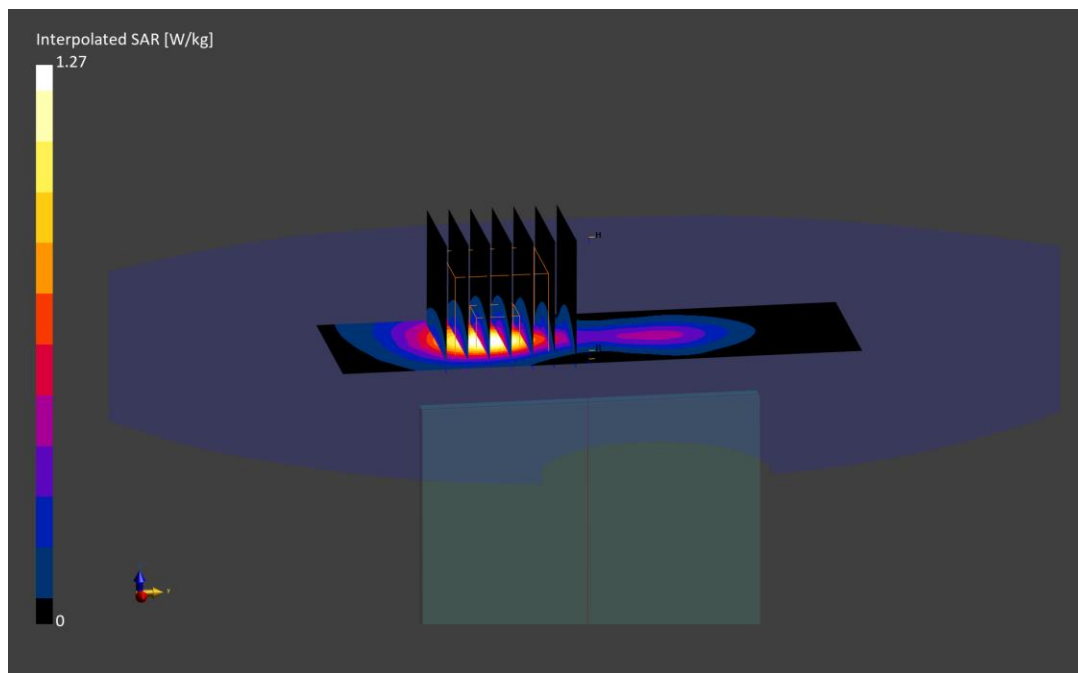
Reference Value = 0.36 W/kg; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 1.27 W/kg

SAR(1 g) = 0.513 W/kg

Smallest distance from peaks to all points 3 dB below is 9.3 mm

Ratio of SAR at M2 to SAR at M1 = 76.1 %



ELEMENT

DUT: A3LSMS938B; Type: Portable Handset; Serial: 0742M

Communication System: UID:10415 - AAA, WLAN; MAIA: Y; Frequency: 2412.000 MHz

Medium: 2450 Head; Medium parameters used:

f = 2412.000 MHz; cond = 1.78 S/m; perm = 40.6; density = 1000 kg/m³

Phantom Section: RightHead; Space: 0.00 mm

Test Date: 10/21/2024; Ambient Temp: 22.2°C; Tissue Temp: 21.0°C

Probe: EX3DV4 - SN7558; ConvF:(7.45,7.06,7.43); Calibrated: 2024-09-11

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

Electronics: DAE4 Sn1364; Calibrated: 2024-09-10

Phantom: Twin-SAM V8.0; Serial: 1934

Measurement SW: DASY Module SAR V16.4.0.5005

Mode: 2.4 GHz WIFI/ IEEE 802.11b, Antenna H, 22 MHz Bandwidth, Exp: Head| Right Cheek, Ch. 1, 1Mbps

Area Scan (120.0 x 200.0): 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

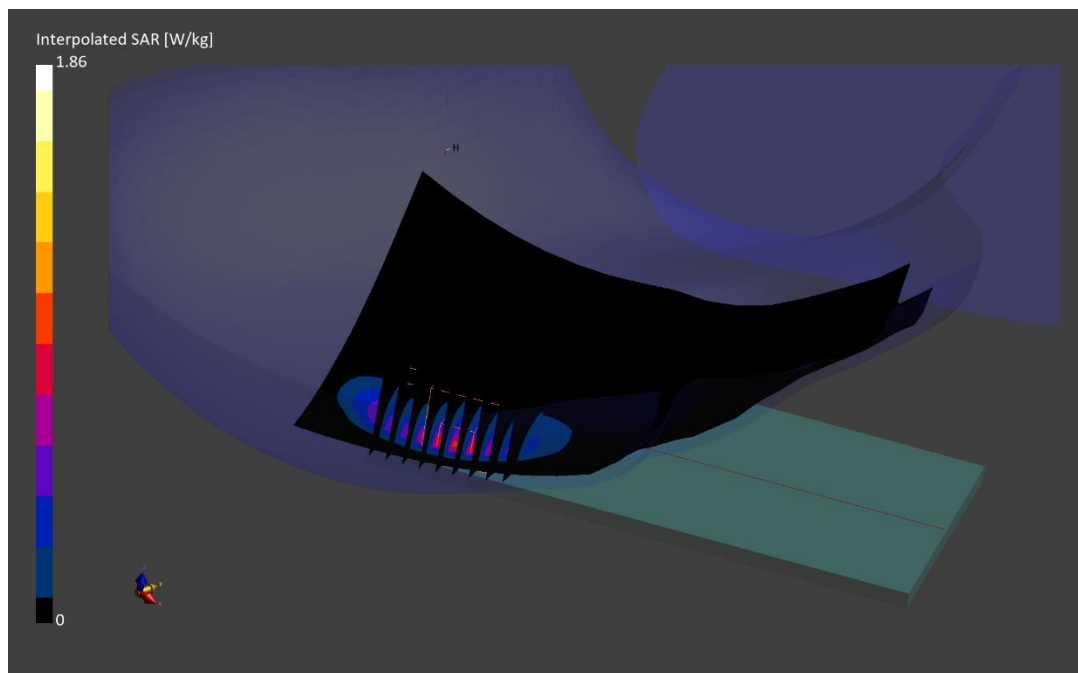
Reference Value = 0.56 W/kg; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 1.86 W/kg

SAR(1 g) = 0.720 W/kg

Smallest distance from peaks to all points 3 dB below is 6.1 mm

Ratio of SAR at M2 to SAR at M1 = 74.2 %



ELEMENT

DUT: A3LSMS938B; Type: Portable Handset; Serial: 0742M

Communication System: UID:10415 - AAA, WLAN; MAIA: Y; Frequency: 2462.000 MHz

Medium: 2450 Head; Medium parameters used:

f = 2462.000 MHz; cond = 1.82 S/m; perm = 40.5; density = 1000 kg/m³

Phantom Section: Flat; Space: 10.00 mm

Test Date: 10/21/2024; Ambient Temp: 22.2°C; Tissue Temp: 21.0°C

Probe: EX3DV4 - SN7558; ConvF:(7.45,7.06,7.43); Calibrated: 2024-09-11

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

Electronics: DAE4 Sn1364; Calibrated: 2024-09-10

Phantom: Twin-SAM V8.0; Serial: 1934

Measurement SW: DASY Module SAR V16.4.0.5005

**Mode: 2.4 GHz WIFI/ IEEE 802.11b, Antenna H, 22 MHz Bandwidth, Exp: Body-worn|
Back Side, Ch. 11, 1Mbps**

Area Scan (120.0 x 200.0): 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

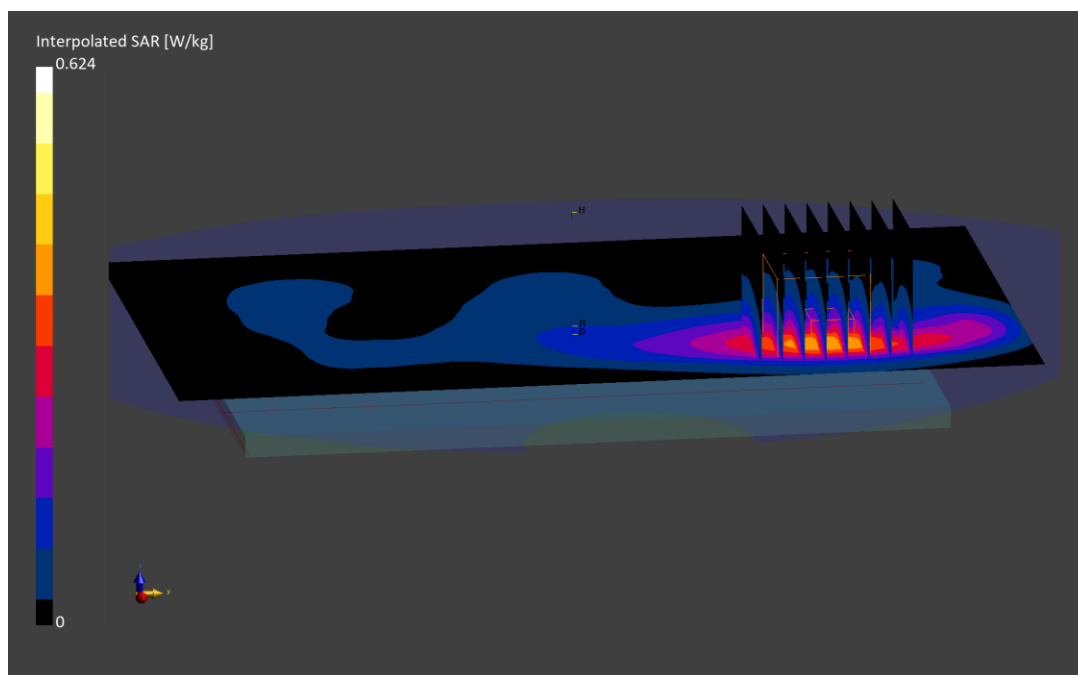
Reference Value = 0.30 W/kg; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.624 W/kg

SAR(1 g) = 0.329 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 = 80.4 %



ELEMENT

DUT: A3LSMS938B; Type: Portable Handset; Serial: 0742M

Communication System: UID:10415 - AAA, WLAN; MAIA: Y; Frequency: 2462.000 MHz

Medium: 2450 Head; Medium parameters used:

f = 2462.000 MHz; cond = 1.82 S/m; perm = 40.5; density = 1000 kg/m³

Phantom Section: Flat; Space: 10.00 mm

Test Date: 10/21/2024; Ambient Temp: 22.2°C; Tissue Temp: 21.0°C

Probe: EX3DV4 - SN7558; ConvF:(7.45,7.06,7.43); Calibrated: 2024-09-11

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

Electronics: DAE4 Sn1364; Calibrated: 2024-09-10

Phantom: Twin-SAM V8.0; Serial: 1934

Measurement SW: DASY Module SAR V16.4.0.5005

Mode: 2.4 GHz WIFI/ IEEE 802.11b, Antenna H, 22 MHz Bandwidth, Exp: Hotspot| Left Edge, Ch. 11, 1Mbps

Area Scan (40.0 x 200.0): Measurement grid: dx=5.0 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

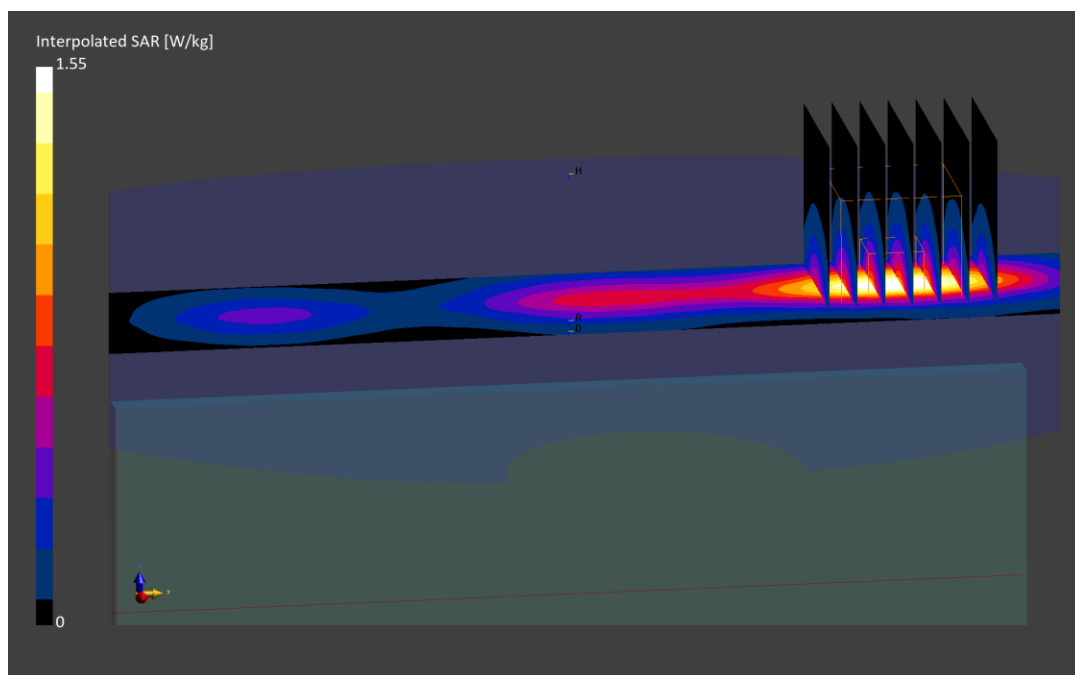
Reference Value = 0.72 W/kg; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 1.55 W/kg

SAR(1 g) = 0.794 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 = 80.4 %



ELEMENT

DUT: A3LSMS938B; Type: Portable Handset; Serial: 0742M

Communication System: UID:10626 - AAD, CW; MAIA: Y; Frequency: 5610.000 MHz

Medium: 5200-5800 Head; Medium parameters used:

f = 5610.000 MHz; cond = 5.10 S/m; perm = 33.9; density = 1000 kg/m³

Phantom Section: RightHead; Space: 0.00 mm

Test Date: 10/14/2024; Ambient Temp: 20.8°C; Tissue Temp: 20.8°C

Probe: EX3DV4 - SN7402; ConvF:(4.57,4.97,4.64); Calibrated: 2024-05-10

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

Electronics: DAE4 Sn1502; Calibrated: 2024-05-08

Phantom: Twin-SAM V5.0; Serial: 1797

Measurement SW: DASY Module SAR V16.4.0.5005

**Mode: 5 GHz WIFI/ IEEE 802.11ac, Antenna H, 80 MHz Bandwidth, U-NII-2C, Exp: Head|
Right Cheek, Ch. 122, 29.3 Mbps**

Area Scan (120.0 x 200.0): Measurement grid: dx=10.0 mm, dy=10.0 mm

Zoom Scan (36.4 x 36.4 x 25.0): Measurement grid: dx=2.6 mm, dy=2.6 mm, dz=1.2 mm; Graded Ratio: 1.2

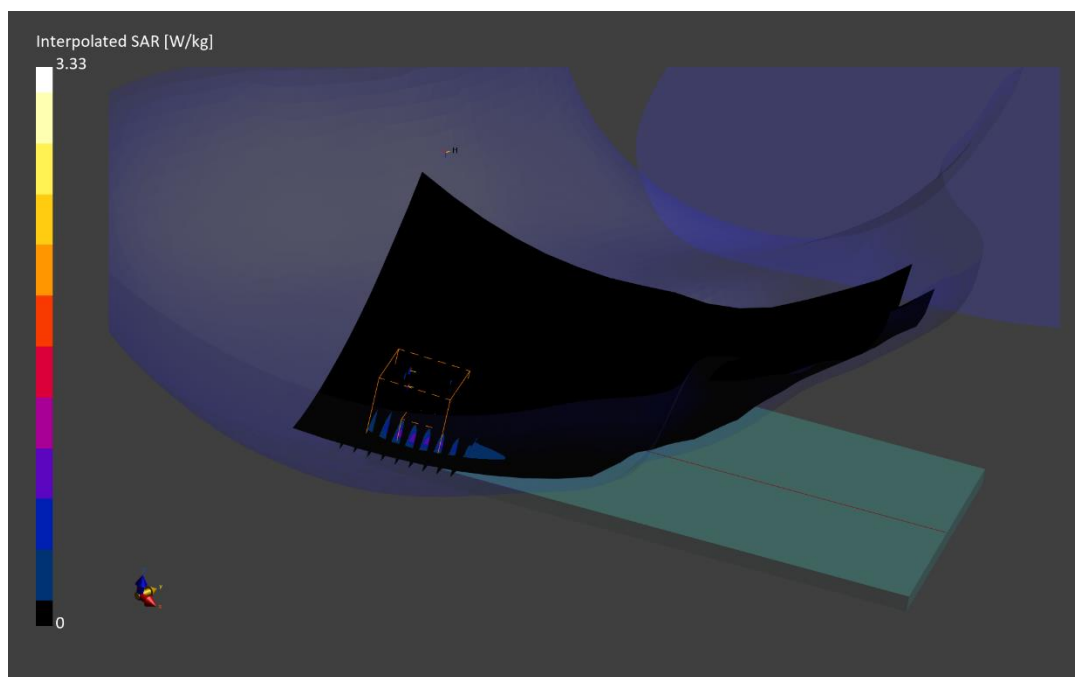
Reference Value = 0.39 W/kg; Power Drift = 0.00 dB

Peak SAR (extrapolated) = 3.33 W/kg

SAR(1 g) = 0.639 W/kg

Smallest distance from peaks to all points 3 dB below is 3.2 mm

Ratio of SAR at M2 to SAR at M1 = 64.1 %



ELEMENT

DUT: A3LSMS938B; Type: Portable Handset; Serial: 0742M

Communication System: UID:10626 - AAD, CW; MAIA: Y; Frequency: 5855.000 MHz

Medium: 5200-5800 Head; Medium parameters used:

f = 5855.000 MHz; cond = 5.40 S/m; perm = 33.5; density = 1000 kg/m³

Phantom Section: Flat; Space: 10.00 mm

Test Date: 10/14/2024; Ambient Temp: 20.8°C; Tissue Temp: 20.8°C

Probe: EX3DV4 - SN7402; ConvF:(3.95,4.27,4.0); Calibrated: 2024-05-10

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

Electronics: DAE4 Sn1502; Calibrated: 2024-05-08

Phantom: Twin-SAM V5.0; Serial: 1797

Measurement SW: DASY Module SAR V16.4.0.5005

**Mode: 5 GHz WIFI/ IEEE 802.11ac, Antenna MIMO, 80 MHz Bandwidth, U-NII-4, Exp:
Body-worn | Back Side, Ch. 171, 58.5 Mbps**

Area Scan (120.0 x 200.0): 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

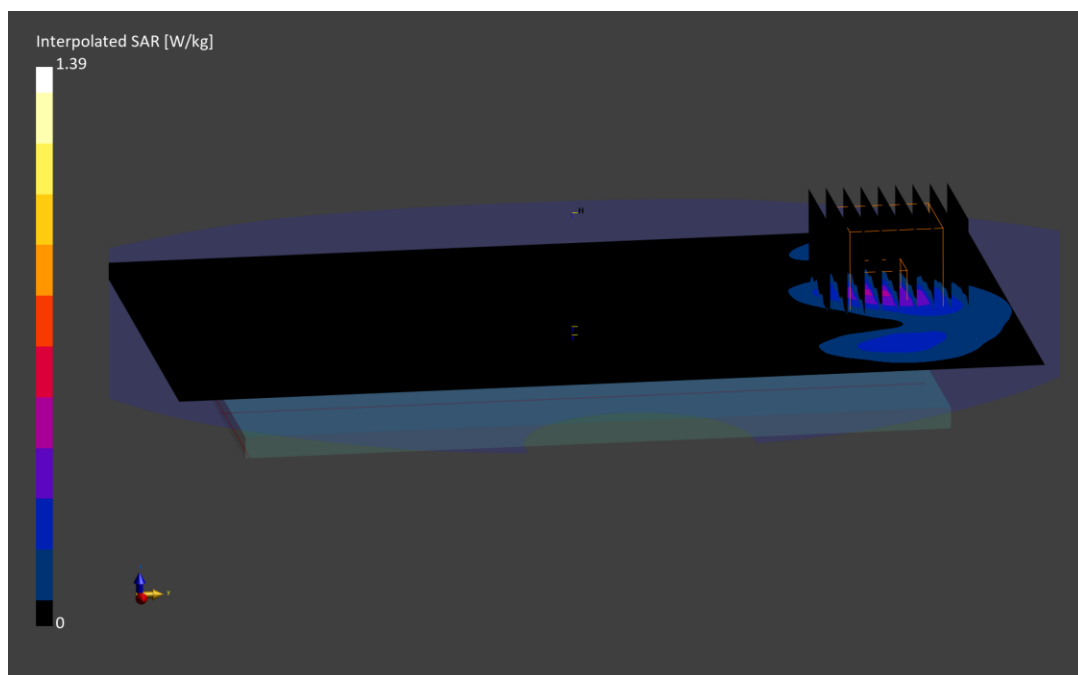
Reference Value = 0.19 W/kg; Power Drift = -0.21 dB

Peak SAR (extrapolated) = 1.39 W/kg

SAR(1 g) = 0.345 W/kg

Smallest distance from peaks to all points 3 dB below is 9.4 mm

Ratio of SAR at M2 to SAR at M1 = 61.2 %



ELEMENT

DUT: A3LSMS938B; Type: Portable Handset; Serial: 0742M

Communication System: UID:10626 - AAD, CW; MAIA: Y; Frequency: 5775.000 MHz

Medium: 5200-5800 Head; Medium parameters used:

f = 5775.000 MHz; cond = 5.30 S/m; perm = 33.6; density = 1000 kg/m³

Phantom Section: Flat; Space: 10.00 mm

Test Date: 10/14/2024; Ambient Temp: 20.8°C; Tissue Temp: 20.8°C

Probe: EX3DV4 - SN7402; ConvF:(4.1,4.4,4.13); Calibrated: 2024-05-10

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

Electronics: DAE4 Sn1502; Calibrated: 2024-05-08

Phantom: Twin-SAM V5.0; Serial: 1797

Measurement SW: DASY Module SAR V16.4.0.5005

**Mode: 5 GHz WIFI/ IEEE 802.11ac, Antenna H, 80 MHz Bandwidth, U-NII-3, Exp: Hotspot|
Left Edge, Ch. 155, 58.5 Mbps**

Area Scan (40.0 x 200.0): Measurement grid: dx=5.0 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

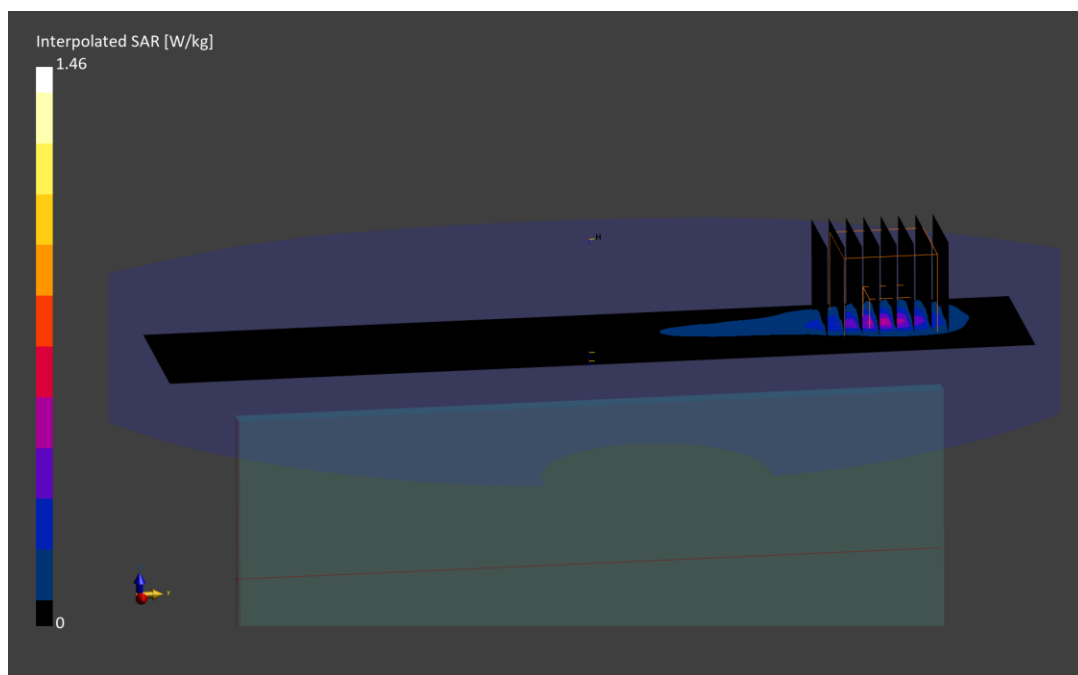
Reference Value = 0.19 W/kg; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 1.46 W/kg

SAR(1 g) = 0.364 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 = 59.9 %



ELEMENT

DUT: A3LSMS938B; Type: Portable Handset; Serial: 0742M

Communication System: UID:10626 - AAD, CW; MAIA: Y; Frequency: 5610.000 MHz

Medium: 5200-5800 Head; Medium parameters used:

f = 5610.000 MHz; cond = 5.10 S/m; perm = 33.9; density = 1000 kg/m³

Phantom Section: Flat; Space: 0.00 mm

Test Date: 10/14/2024; Ambient Temp: 20.8°C; Tissue Temp: 20.8°C

Probe: EX3DV4 - SN7402; ConvF:(4.57,4.97,4.64); Calibrated: 2024-05-10

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

Electronics: DAE4 Sn1502; Calibrated: 2024-05-08

Phantom: Twin-SAM V5.0; Serial: 1797

Measurement SW: DASY Module SAR V16.4.0.5005

**Mode: 5 GHz WIFI/ IEEE 802.11ac, Antenna H, 80 MHz Bandwidth, U-NII-2C, Exp:
Phablet| Left Edge, Ch. 122, 58.5 Mbps**

Area Scan (40.0 x 200.0): Measurement grid: dx=5.0 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: 1.2

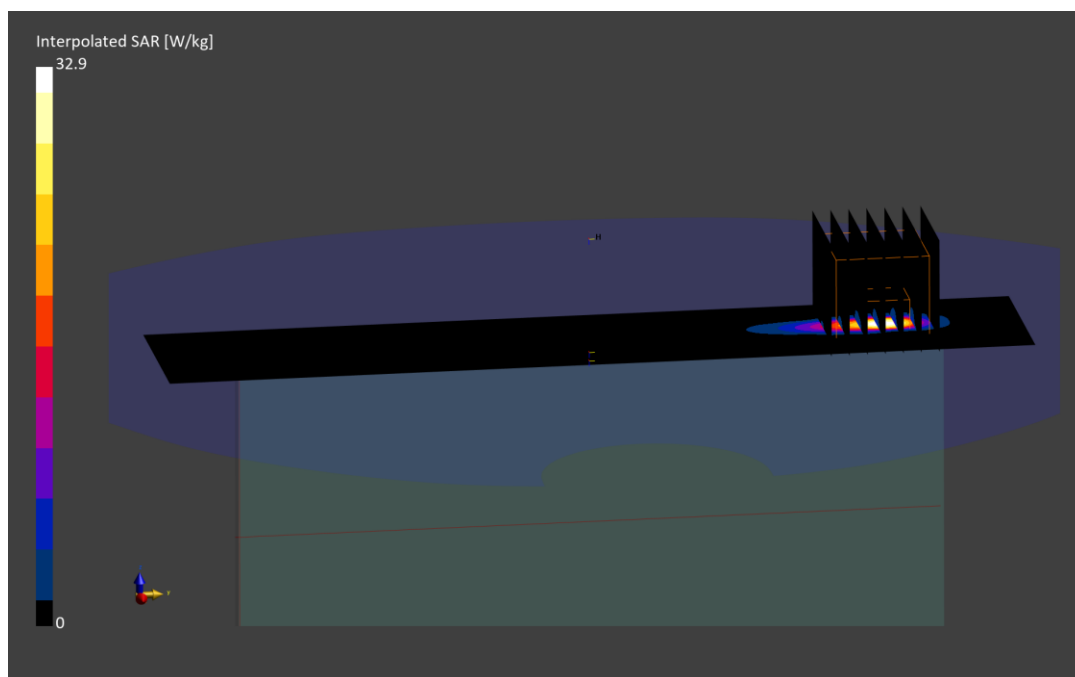
Reference Value = 3.22 W/kg; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 32.9 W/kg

SAR(10 g) = 1.30 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 = 61.8 %



ELEMENT

DUT: A3LSMS938B; Type: Portable Handset; Serial: 0835M

Communication System: UID:10707 - AAC, WLAN; MAIA: Y; Frequency: 6285.000 MHz

Medium: 6000 Head; Medium parameters used:

f = 6285.000 MHz; cond = 6.03 S/m; perm = 34.4; density = 1000 kg/m³

Phantom Section: RightHead; Space: 0.00 mm

Test Date: 11/04/2024; Ambient Temp: 20.7°C; Tissue Temp: 20.1°C

Probe: EX3DV4 - SN7659; ConvF:(5.95,5.95,5.95); Calibrated: 2024-04-17

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

Electronics: DAE4 Sn1407; Calibrated: 2024-04-18

Phantom: Twin-SAM V8.0; Serial: 2064

Measurement SW: DASY Module SAR V16.4.0.5005

**Mode: 6 GHz WIFI/ IEEE 802.11ax, Antenna H, 40 MHz Bandwidth, U-NII-5, Exp: Head|
Right Cheek, Ch. 67, 68.1 Mbps**

Area Scan (119.0 x 204.0): Measurement grid: dx=8.5 mm, dy=8.5 mm

Zoom Scan (22.0 x 22.0 x 22.0): Measurement grid: dx=3.4 mm, dy=3.4 mm, dz=1.4 mm; Graded Ratio: 1.4

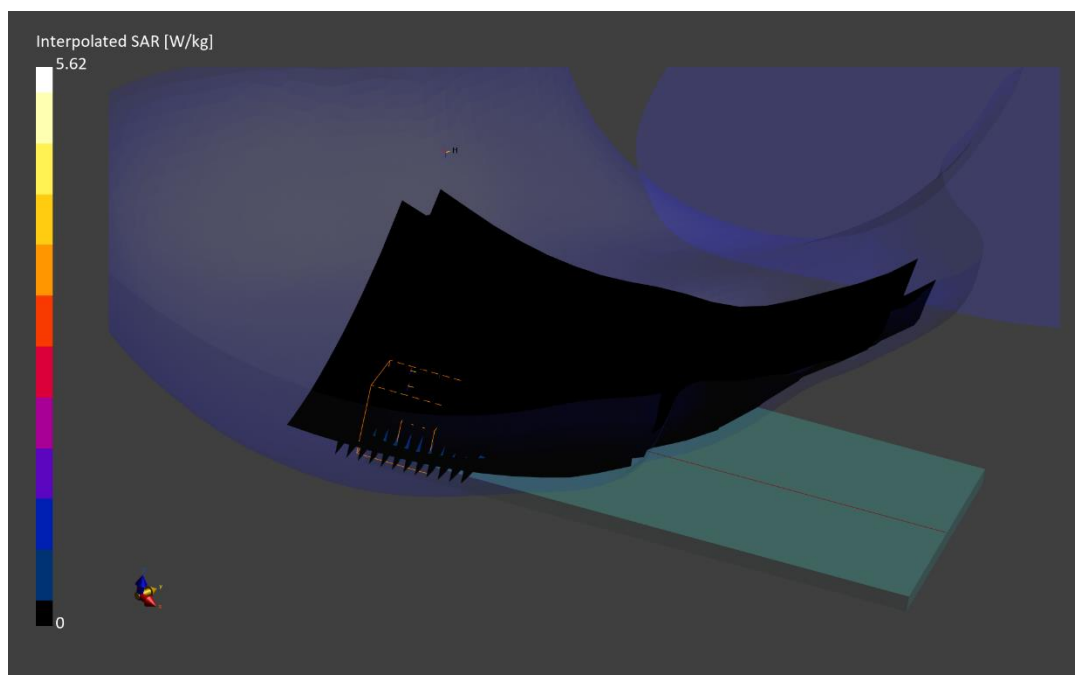
Reference Value = 0.85 W/kg; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 5.62 W/kg

SAR(1 g) = 0.981 W/kg; APD(4cm²) = 6.01 W/m²

Smallest distance from peaks to all points 3 dB below is 3.8 mm

Ratio of SAR at M2 to SAR at M1 = 51.7 %



ELEMENT

DUT: A3LSMS938B; Type: Portable Handset; Serial: 0747M

Communication System: UID:10755 - AAC, WLAN; MAIA: Y; Frequency: 6025.000 MHz

Medium: 6000 Head; Medium parameters used:

f = 6025.000 MHz; cond = 5.47 S/m; perm = 34.3; density = 1000 kg/m³

Phantom Section: Flat; Space: 10.00 mm

Test Date: 10/14/2024; Ambient Temp: 21.0°C; Tissue Temp: 19.8°C

Probe: EX3DV4 - SN7421; ConvF:(5.35,5.35,5.35); Calibrated: 2024-03-11

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

Electronics: DAE4 Sn604; Calibrated: 2024-03-06

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

Measurement SW: DASY Module SAR V16.4.0.5005

**Mode: 6 GHz WIFI/ IEEE 802.11ax, Antenna MIMO, 160 MHz Bandwidth, U-NII-5, Exp:
Body-worn| Back Side, Ch. 15, 136.1 Mbps**

Area Scan (119.0 x 204.0): Measurement grid: dx=8.5 mm, dy=8.5 mm

Zoom Scan (22.0 x 22.0 x 22.0): Measurement grid: dx=3.4 mm, dy=3.4 mm, dz=1.4 mm; Graded Ratio: 1.4

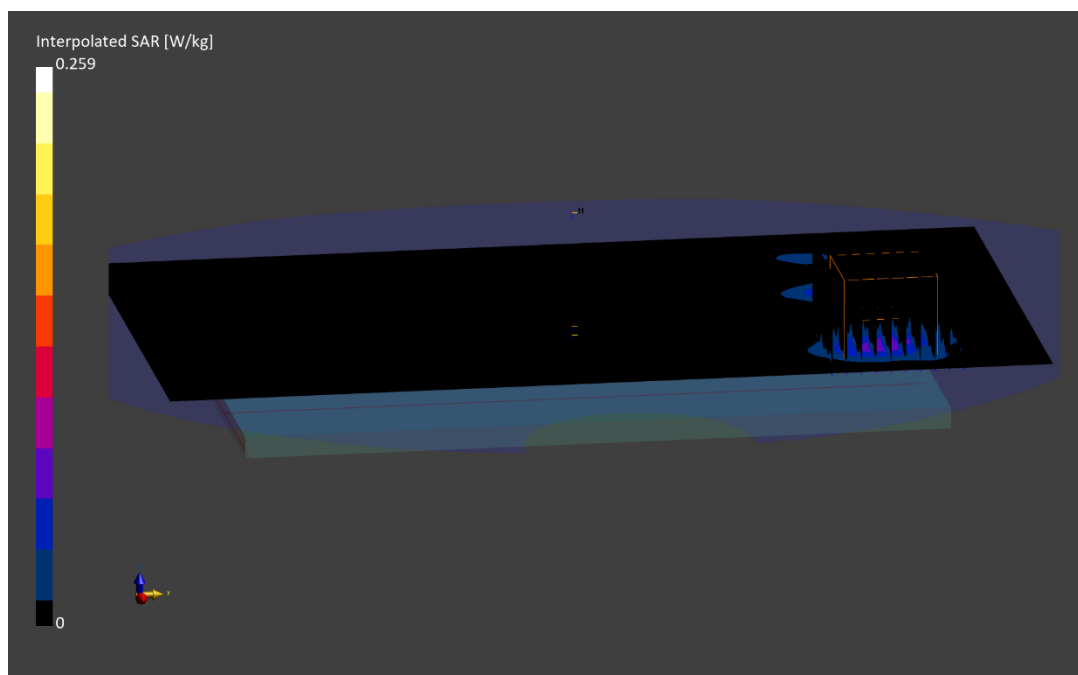
Reference Value = 0.06 W/kg; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 0.259 W/kg

SAR(1 g) = 0.060 W/kg; APD(4cm²) = 0.482 W/m²

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

Ratio of SAR at M2 to SAR at M1 = 61.0 %



ELEMENT

DUT: A3LSMS938B; Type: Portable Handset; Serial: 0747M

Communication System: UID:10755 - AAC, WLAN; MAIA: Y; Frequency: 6025.000 MHz

Medium: 6000 Head; Medium parameters used:

f = 6025.000 MHz; cond = 5.47 S/m; perm = 34.3; density = 1000 kg/m³

Phantom Section: Flat; Space: 0.00 mm

Test Date: 10/14/2024; Ambient Temp: 21.0°C; Tissue Temp: 19.8°C

Probe: EX3DV4 - SN7421; ConvF:(5.35,5.35,5.35); Calibrated: 2024-03-11

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

Electronics: DAE4 Sn604; Calibrated: 2024-03-06

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

Measurement SW: DASY Module SAR V16.4.0.5005

**Mode: 6 GHz WIFI/ IEEE 802.11ax, Antenna H, 160 MHz Bandwidth, U-NII-5, Exp:
Phablet| Left Edge, Ch. 15, 68.1 Mbps**

Area Scan (40.0 x 204.0): Measurement grid: dx=5.0 mm, dy=8.5 mm

Zoom Scan (22.0 x 22.0 x 22.0): Measurement grid: dx=2.9 mm, dy=2.9 mm, dz=1.2 mm; Graded Ratio: 1.2

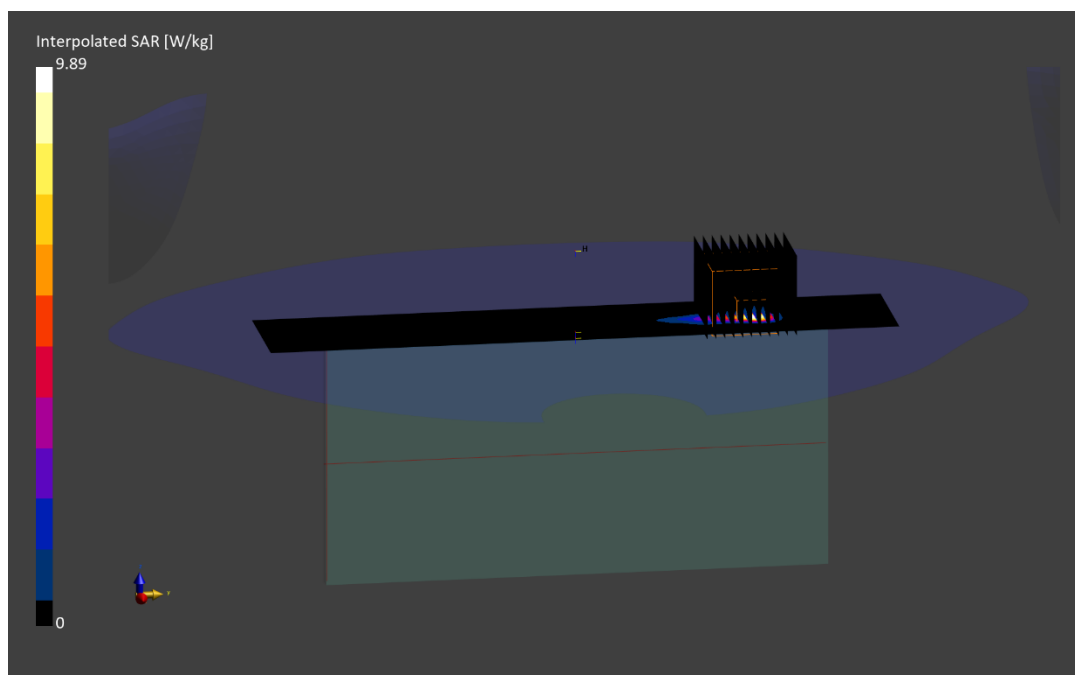
Reference Value = 2.37 W/kg; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 9.89 W/kg

SAR(10 g) = 0.353 W/kg; APD(4cm²) = 8.38 W/m²

Smallest distance from peaks to all points 3 dB below is 4.1 mm

Ratio of SAR at M2 to SAR at M1 = 61.3 %



ELEMENT

DUT: A3LSMS938B; Type: Portable Handset; Serial: 0742M

Communication System: UID:10032 - CAA, Bluetooth; MAIA: Y; Frequency: 2441.000 MHz

Medium: 2450 Head; Medium parameters used:

f = 2441.000 MHz; cond = 1.80 S/m; perm = 40.6; density = 1000 kg/m³

Phantom Section: RightHead; Space: 0.00 mm

Test Date: 10/21/2024; Ambient Temp: 22.2°C; Tissue Temp: 21.0°C

Probe: EX3DV4 - SN7558; ConvF:(7.45,7.06,7.43); Calibrated: 2024-09-11

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

Electronics: DAE4 Sn1364; Calibrated: 2024-09-10

Phantom: Twin-SAM V8.0; Serial: 1934

Measurement SW: DASY Module SAR V16.4.0.5005

Mode: 2.4 GHz Bluetooth, Antenna H, Exp: Head| Right Cheek, Ch. 39, 1 Mbps

Area Scan (120.0 x 200.0): 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

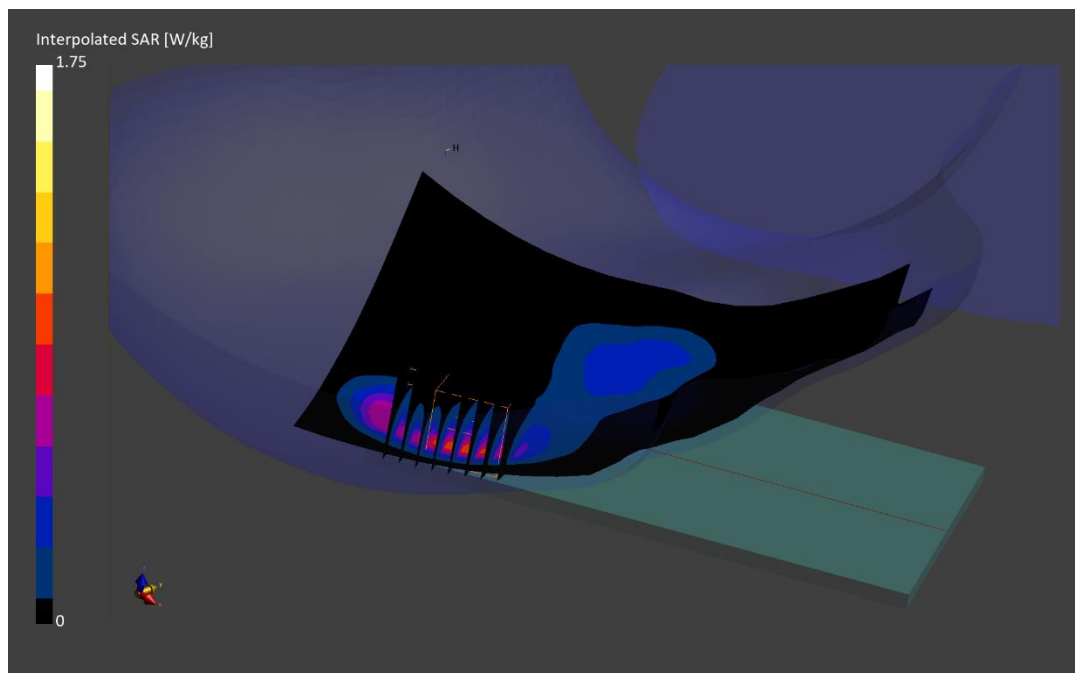
Reference Value = 0.57 W/kg; Power Drift = 0.00 dB

Peak SAR (extrapolated) = 1.75 W/kg

SAR(1 g) = 0.747 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 = 76.7 %



ELEMENT

DUT: A3LSMS938B; Type: Portable Handset; Serial: 0742M

Communication System: UID:10670 - AAA, Bluetooth; MAIA: Y; Frequency: 2440.000 MHz

Medium: 2450 Head; Medium parameters used:

f = 2440.000 MHz; cond = 1.83 S/m; perm = 38.1; density = 1000 kg/m³

Phantom Section: Flat; Space: 10.00 mm

Test Date: 11/04/2024; Ambient Temp: 20.7°C; Tissue Temp: 21.0°C

Probe: EX3DV4 - SN7640; ConvF:(8.05,7.65,8.28); Calibrated: 2024-02-09

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

Electronics: DAE4 Sn1645; Calibrated: 2024-02-09

Phantom: Twin-SAM V8.0; Serial: 1937

Measurement SW: DASY Module SAR V16.4.0.5005

Mode: 2.4 GHz Bluetooth LE, Antenna H, Exp: Body-worn| Back Side, Ch. 19, 1 Mbps

Area Scan (140.0 x 220.0): 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

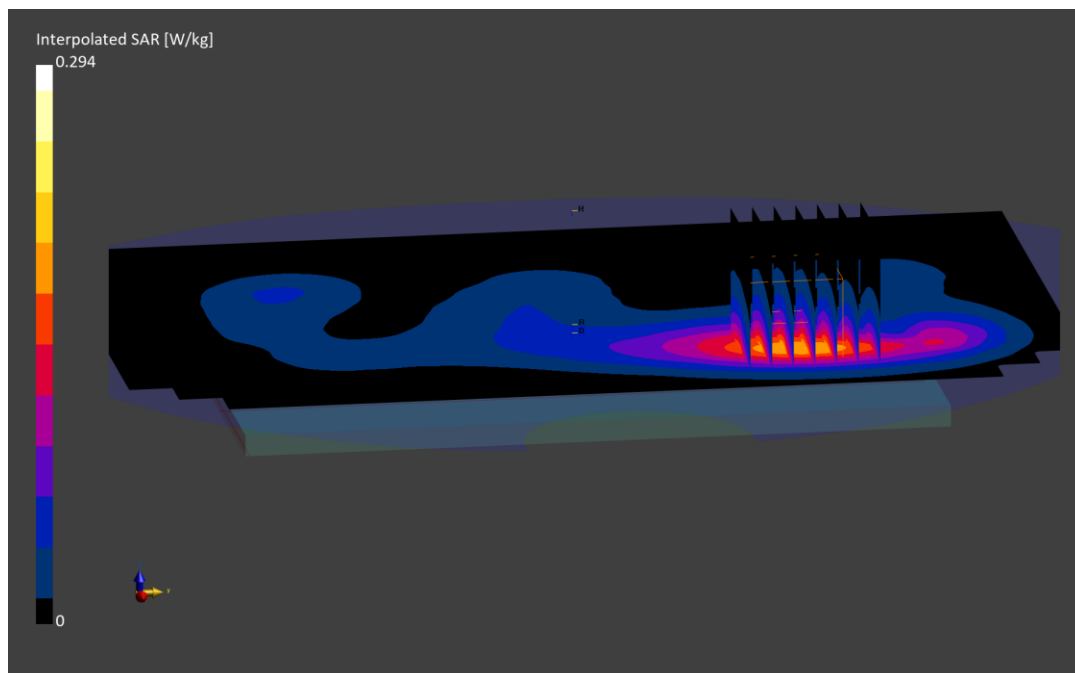
Reference Value = 0.14 W/kg; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 0.294 W/kg

SAR(1 g) = 0.159 W/kg

Smallest distance from peaks to all points 3 dB below is 13.4 mm

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



ELEMENT

DUT: A3LSMS938B; Type: Portable Handset; Serial: 0742M

Communication System: UID:10670 - AAA, Bluetooth; MAIA: Y; Frequency: 2440.000 MHz

Medium: 2450 Head; Medium parameters used:

f = 2440.000 MHz; cond = 1.83 S/m; perm = 38.4; density = 1000 kg/m³

Phantom Section: Flat; Space: 10.00 mm

Test Date: 10/23/2024; Ambient Temp: 20.0°C; Tissue Temp: 20.2°C

Probe: EX3DV4 - SN7640; ConvF:(8.05,7.65,8.28); Calibrated: 2024-02-09

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

Electronics: DAE4 Sn1645; Calibrated: 2024-02-09

Phantom: Twin-SAM V8.0; Serial: 1937

Measurement SW: DASY Module SAR V16.4.0.5005

Mode: 2.4 GHz Bluetooth LE, Antenna H, Exp: Hotspot| Left Edge, Ch. 19, 1 Mbps

Area Scan (60.0 x 200.0): Measurement grid: dx=5.0 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

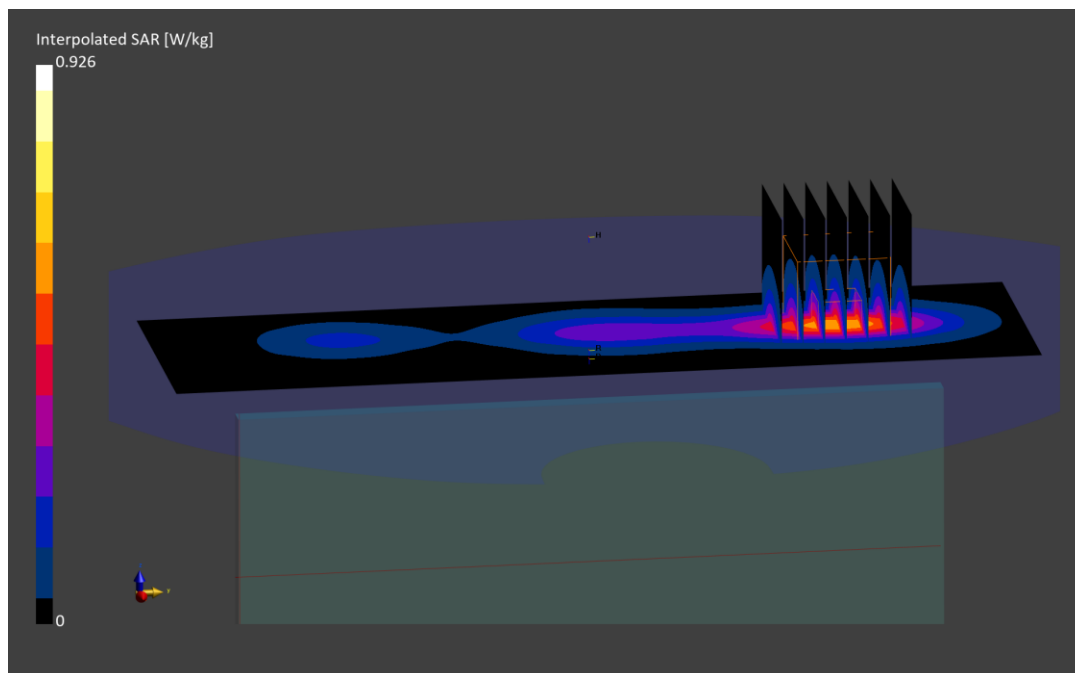
Reference Value = 0.41 W/kg; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.926 W/kg

SAR(1 g) = 0.467 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 = 80.3 %



ELEMENT

DUT: A3LSMS938B; Type: Portable Handset; Serial: 0710M

Communication System: UID:0 - -, CW; MAIA: Y; Frequency: 6489.600 MHz

Medium: 6000 Head; Medium parameters used:

f = 6489.600 MHz; cond = 6.00 S/m; perm = 33.8; density = 1000 kg/m³

Phantom Section: Flat; Space: 0.00 mm

Test Date: 10/21/2024; Ambient Temp: 21.0°C; Tissue Temp: 21.0°C

Probe: EX3DV4 - SN7527; ConvF:(5.15,4.68,5.36); Calibrated: 2024-03-08

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

Electronics: DAE4 Sn1272; Calibrated: 2024-03-12

Phantom: Twin-SAM V8.0; Serial: 1979

Measurement SW: DASY Module SAR V16.4.0.5005

Mode: UWB, Antenna 1, Exp: Phablet| Left Edge, Ch. 5

Area Scan (40.0 x 204.0): Measurement grid: dx=5.0 mm, dy=8.5 mm

Zoom Scan (22.0 x 22.0 x 22.0): Measurement grid: dx=3.4 mm, dy=3.4 mm, dz=1.4 mm; Graded Ratio: 1.4

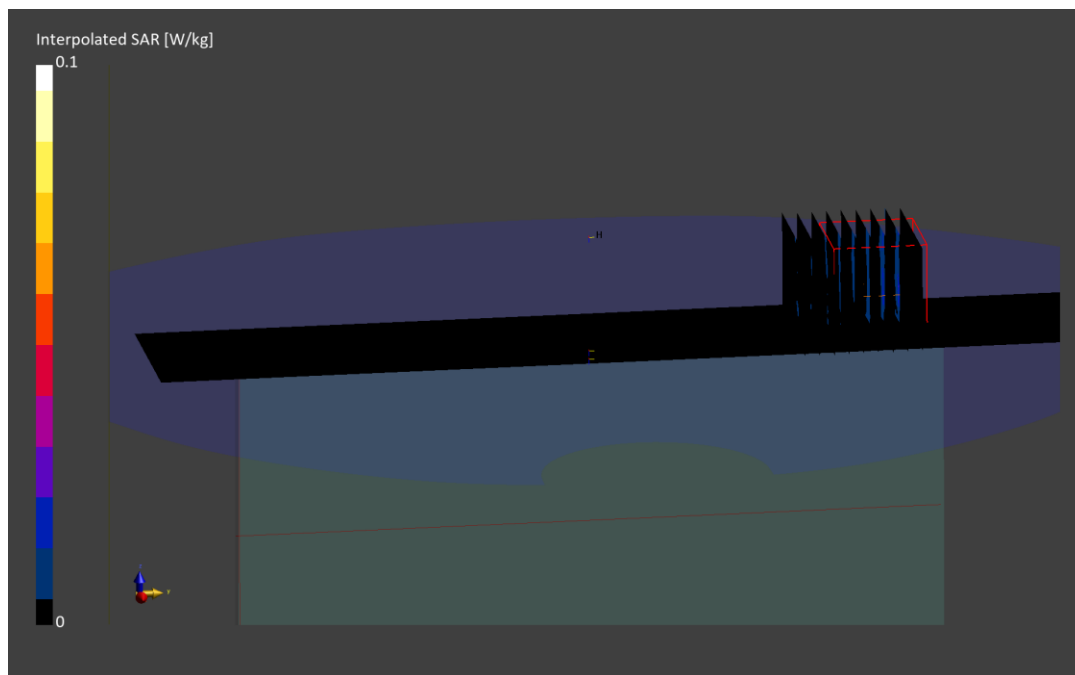
Reference Value = 0.02 W/kg; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 0.030 W/kg

SAR(10 g) = 0.002 W/kg

Smallest distance from peaks to all points 3 dB below is 2.1 mm

Ratio of SAR at M2 to SAR at M1 = 67.2 %



ELEMENT

DUT: A3LSMS938B; Type: Portable Handset; Serial: 0839M

Communication System: UID:0 - -, CW; MAIA: Y; Frequency: 13.600 MHz

Medium: 30 Head; Medium parameters used:

$f = 13.600$ MHz; $\text{cond} = 0.725$ S/m; $\text{perm} = 52.4$; $\text{density} = 1000$ kg/m³

Phantom Section: Flat; Space: 0.00 mm

Test Date: 10/07/2024; Ambient Temp: 22.8°C; Tissue Temp: 23.2°C

Probe: EX3DV4 - SN7308; ConvF:(16.59,16.59,16.59); Calibrated: 2024-02-09

Sensor-Surface: 1.4mm (All points)

Electronics: DAE4 Sn534; Calibrated: 2024-03-06

Phantom: ELI V6.0; Serial: 2003

Measurement SW: DASY Module SAR V16.4.0.5005

Mode: NFC, Antenna NFC, Exp: Phablet| Back Side

Area Scan (120.0 x 210.0): 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: 1.4

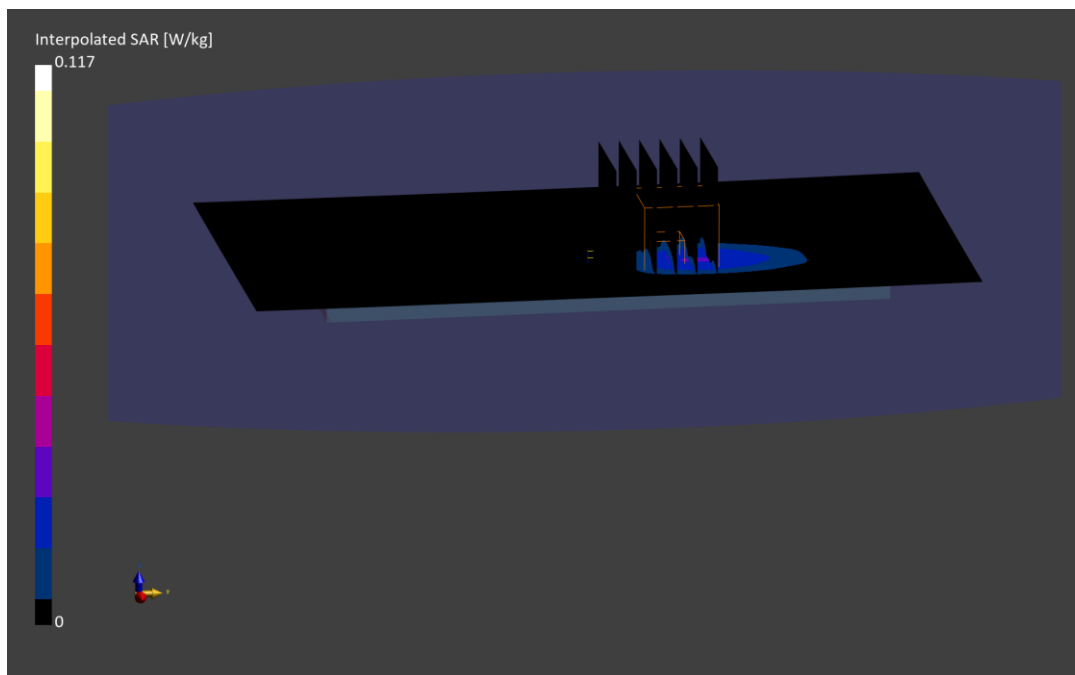
Reference Value = 0.01 W/kg; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 0.117 W/kg

SAR(10 g) = 0.009 W/kg

Smallest distance from peaks to all points 3 dB below is 5.1 mm

Ratio of SAR at M2 to SAR at M1 = 54.5 %



Date: 2024-10-27

Mode: 6 GHz WIFI/ IEEE 802.11ax, Antenna MIMO, 160 MHz Bandwidth, U-NII-5, Exp: Left Edge, Ch. 79, 136.1 Mbps

Device Under Test Properties

DUT	Serial Number	DUT Type
A3LSMS938B	0830M	Portable Handset

Exposure Conditions

Phantom Section	Position	Test Distance [mm]	Channel	Band	Frequency [MHz]
5G	EDGE LEFT	2.00	79	U-NII-5	6345.0

Hardware Setup

Probe, Calibration Date	DAE, Calibration Date
EUmmWV4 - SN9622_F1-55GHz, 2024-02-02	DAE4 Sn1449, 2024-09-10

Software Setup

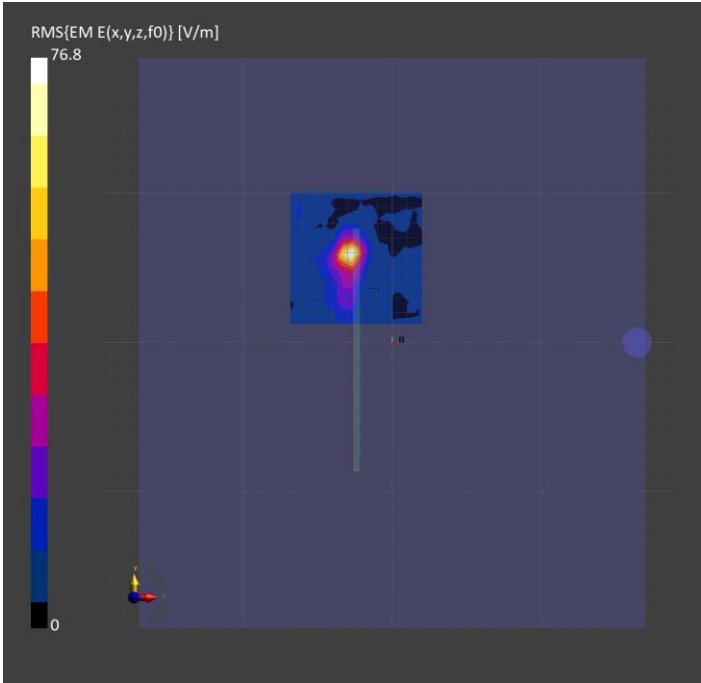
Software	Software Version
cDASY6 Module mmWave	3.2.0.1840

Scans Setup

Scan Type	5G Scan
Grid Extents [mm]	25.0 x 25.0
Grid Steps [lambda]	0.125 x 0.125
Sensor Surface [mm]	2.0

Measurement Results

Scan Type	5G Scan
Avg. Area [cm²]	4.00
pS _{tot} avg [W/m²]	3.24
pS _n avg [W/m²]	2.83
E _{peak} [V/m]	76.7
Power Drift [dB]	0.14



Date: 2024-10-20

Mode: UWB, Antenna 1, Exp: Left Edge, Ch. 5

Device Under Test Properties

DUT	Serial Number	DUT Type
A3LSMS938B	0710M	Phone

Exposure Conditions

Phantom Section	Position	Test Distance [mm]	Channel	Group, UID	Frequency [MHz]
5G	EDGE LEFT	2.00	6489600	0	6489.6

Hardware Setup

Probe, Calibration Date	DAE, Calibration Date
EUmmWV4 - SN9622, 2024-02-02	DAE4 - SN1449, 2024-09-10

Software Setup

Software	Software Version
cDASY6 Module mmWave	3.2.0.1840

Scans Setup

Scan Type	5G Scan
Grid Extents [mm]	100.0 x 100.0
Grid Steps [lambda]	0.125 x 0.125
Sensor Surface [mm]	2.0

Measurement Results

Scan Type	5G Scan
Avg. Area [cm²]	4.00
pS _{tot} avg [W/m²]	0.573
pS _n avg [W/m²]	0.533
E _{peak} [V/m]	21.3
Power Drift [dB]	0.17

