

APPENDIX A: SAR TEST PLOTS

ELEMENT

DUT: A3LSMS938JPN; Type: Portable Handset; Serial: 1432M

Communication System: UID:10021 - DAC, GSM; MAIA: Y; Frequency: 848.800 MHz

Medium: 835 Head; Medium parameters used:

f = 848.800 MHz; cond = 0.915 S/m; perm = 41.5; density = 1000 kg/m³

Phantom Section: LeftHead; Space: 0.00 mm

Test Date: 11/13/2024; Ambient Temp: 22.5°C; Tissue Temp: 21.8°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: GSM 850, Antenna E, Exp: Head| Left 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

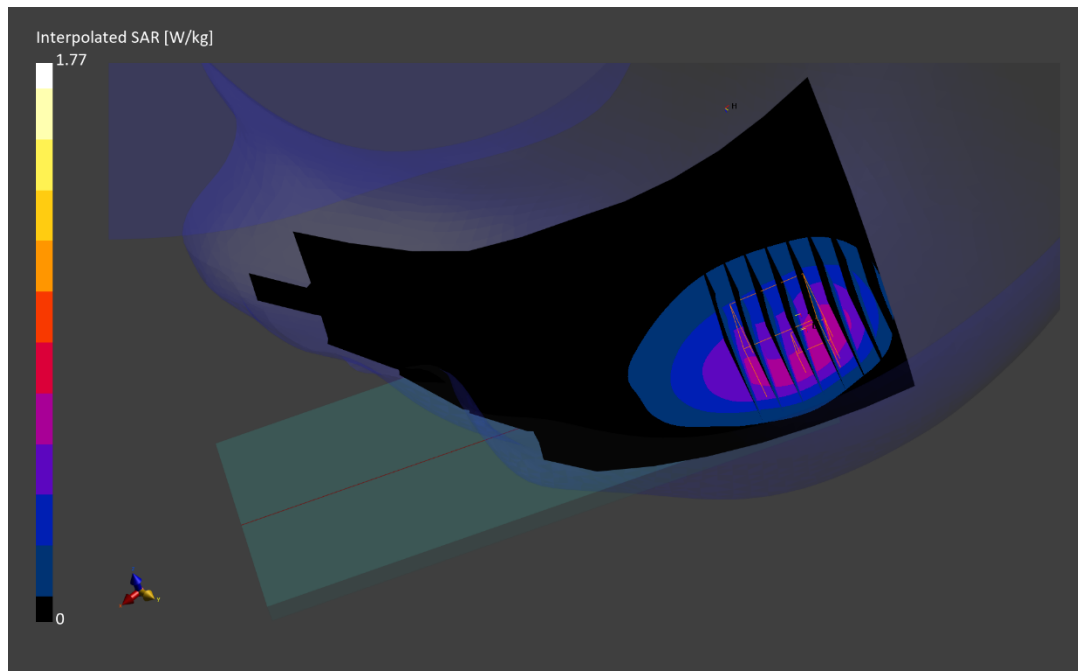
Reference Value = 0.54 W/kg; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 1.77 W/kg

SAR(1 g) = 0.699 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 = 68.2 %



ELEMENT

DUT: A3LSMS938JPN; Type: Portable Handset; Serial: 1432M

Communication System: UID:10027 - DAC, GSM; MAIA: Y; Frequency: 848.800 MHz

Medium: 835 Head; Medium parameters used:

f = 848.800 MHz; cond = 0.915 S/m; perm = 41.5; density = 1000 kg/m³

Phantom Section: Flat; Space: 10.00 mm

Test Date: 11/13/2024; Ambient Temp: 22.5°C; Tissue Temp: 21.8°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. High, 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

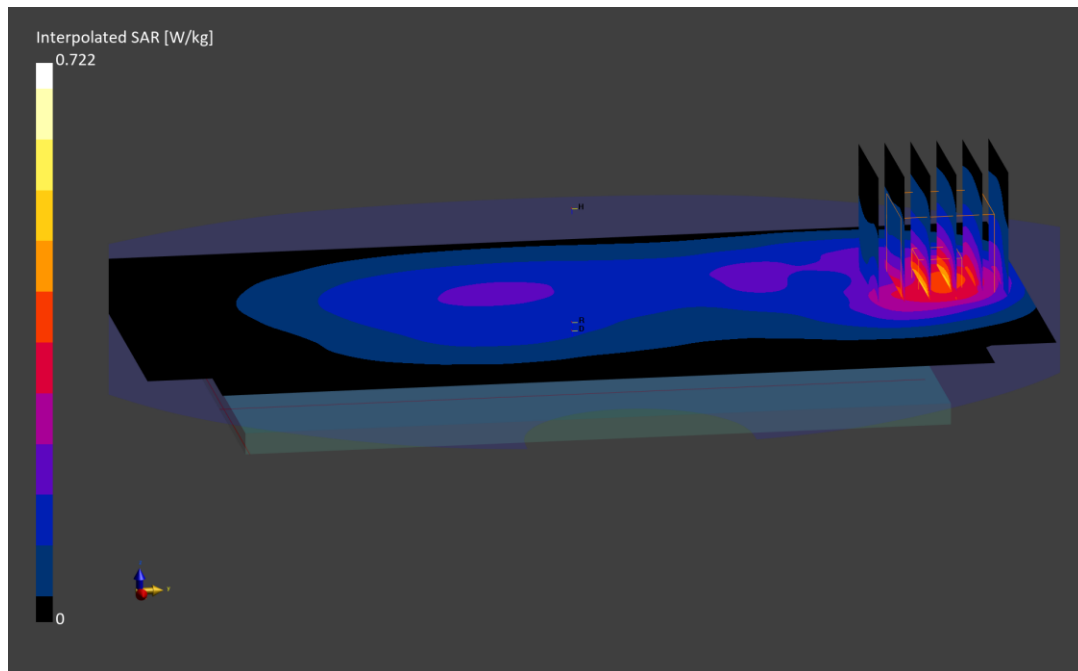
Reference Value = 0.31 W/kg; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 0.722 W/kg

SAR(1 g) = 0.440 W/kg

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

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



ELEMENT

DUT: A3LSMS938JPN; Type: Portable Handset; Serial: 1432M

Communication System: UID:10027 - DAC, GSM; MAIA: Y; Frequency: 848.800 MHz

Medium: 835 Head; Medium parameters used:

$f = 848.800$ MHz; $\text{cond} = 0.915$ S/m; $\text{perm} = 41.5$; $\text{density} = 1000$ kg/m³

Phantom Section: Flat; Space: 10.00 mm

Test Date: 11/13/2024; Ambient Temp: 22.5°C; Tissue Temp: 21.8°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: Hotspot| Top Edge, Ch. High, 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

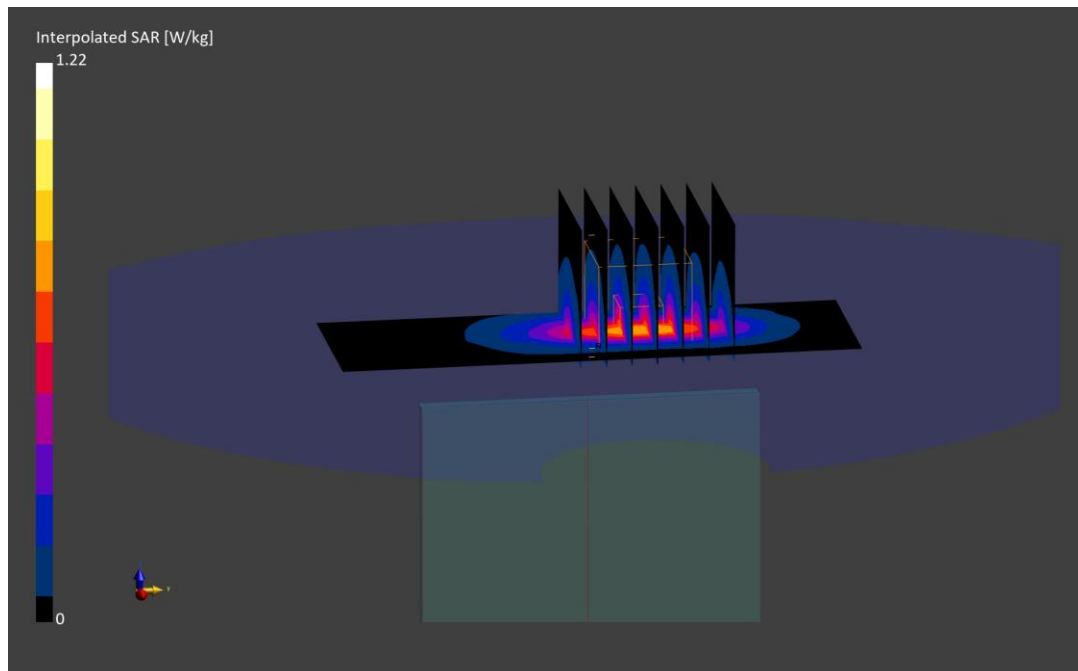
Reference Value = 0.54 W/kg; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 1.22 W/kg

SAR(1 g) = 0.621 W/kg

Smallest distance from peaks to all points 3 dB below is 8.3 mm

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



ELEMENT

DUT: A3LSMS938JPN; Type: Portable Handset; Serial: 1432M

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

Medium: 1900 Head; Medium parameters used:

$f = 1850.200$ MHz; $\text{cond} = 1.40$ S/m; $\text{perm} = 39.8$; $\text{density} = 1000$ kg/m³

Phantom Section: RightHead; Space: 0.00 mm

Test Date: 11/06/2024; Ambient Temp: 22.0°C; Tissue Temp: 22.0°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: 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

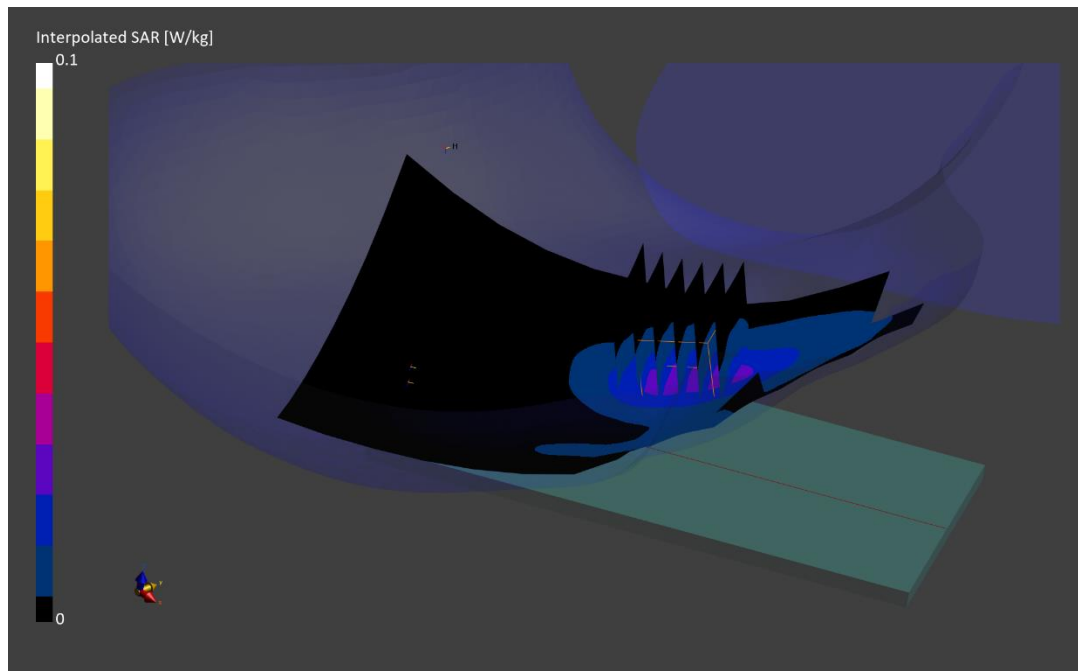
Reference Value = 0.02 W/kg; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 0.040 W/kg

SAR(1 g) = 0.028 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 = 88.7 %



ELEMENT

DUT: A3LSMS938JPN; Type: Portable Handset; Serial: 1432M

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

Medium: 1900 Head; Medium parameters used:

f = 1909.800 MHz; cond = 1.39 S/m; perm = 39.3; density = 1000 kg/m³

Phantom Section: Flat; Space: 10.00 mm

Test Date: 11/11/2024; Ambient Temp: 21.9°C; Tissue Temp: 21.2°C

Probe: EX3DV4 - SN7558; ConvF:(8.37,7.93,8.35); 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 1900, Antenna A, Exp: Body-worn| Back Side, Ch. High, 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

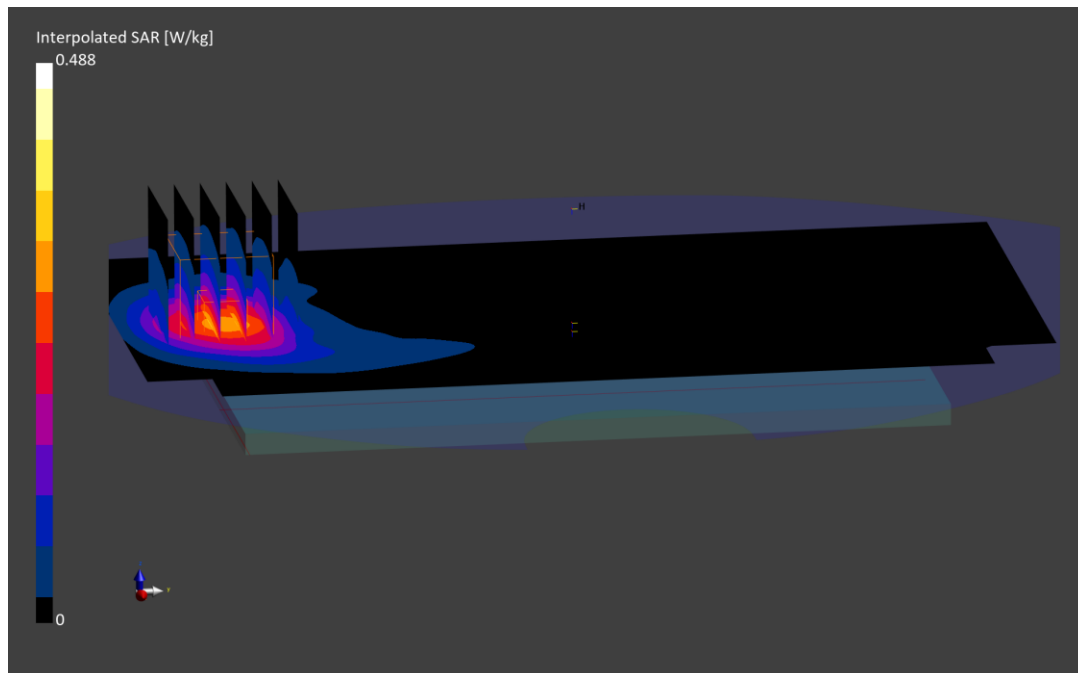
Reference Value = 0.27 W/kg; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 0.488 W/kg

SAR(1 g) = 0.289 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 = 85.3 %



ELEMENT

DUT: A3LSMS938JPN; Type: Portable Handset; Serial: 1432M

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

Medium: 1900 Head; Medium parameters used:

f = 1909.800 MHz; cond = 1.43 S/m; perm = 39.8; density = 1000 kg/m³

Phantom Section: Flat; Space: 10.00 mm

Test Date: 11/06/2024; Ambient Temp: 22.0°C; Tissue Temp: 22.0°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

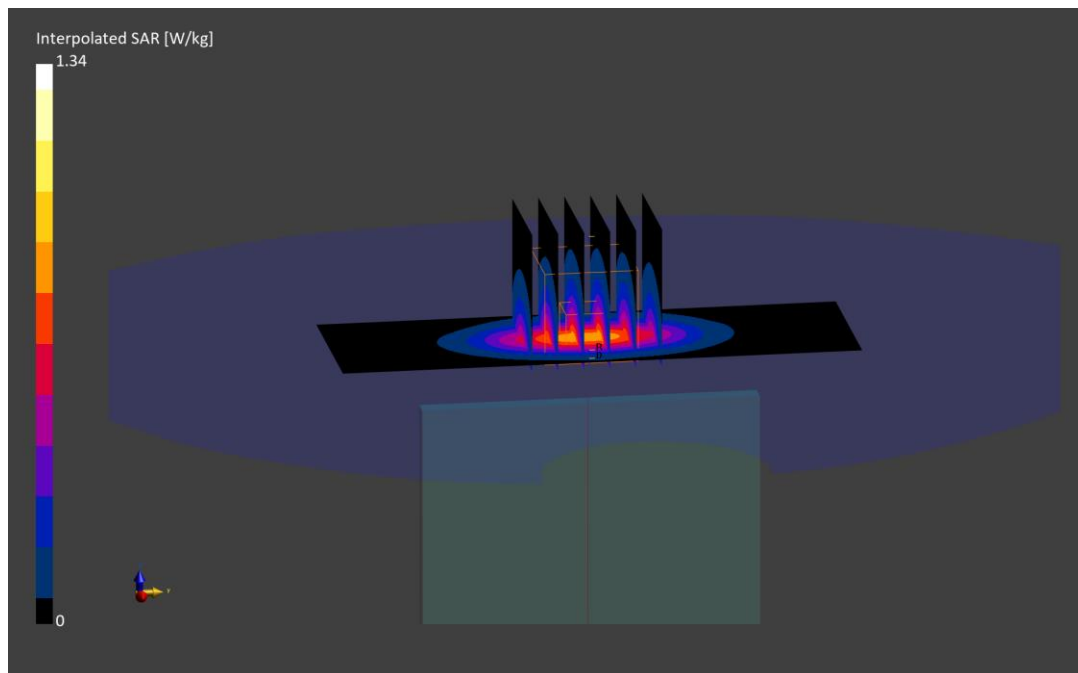
Reference Value = 0.61 W/kg; Power Drift = -0.11 dB

Peak SAR (extrapolated) = 1.34 W/kg

SAR(1 g) = 0.732 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 = 83.2 %



ELEMENT

DUT: A3LSMS938JPN; Type: Portable Handset; Serial: 1428M

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

Medium: 835 Head; Medium parameters used:

f = 836.600 MHz; cond = 0.903 S/m; perm = 42.7; density = 1000 kg/m³

Phantom Section: LeftHead; Space: 0.00 mm

Test Date: 11/06/2024; Ambient Temp: 21.4°C; Tissue Temp: 20.4°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: 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

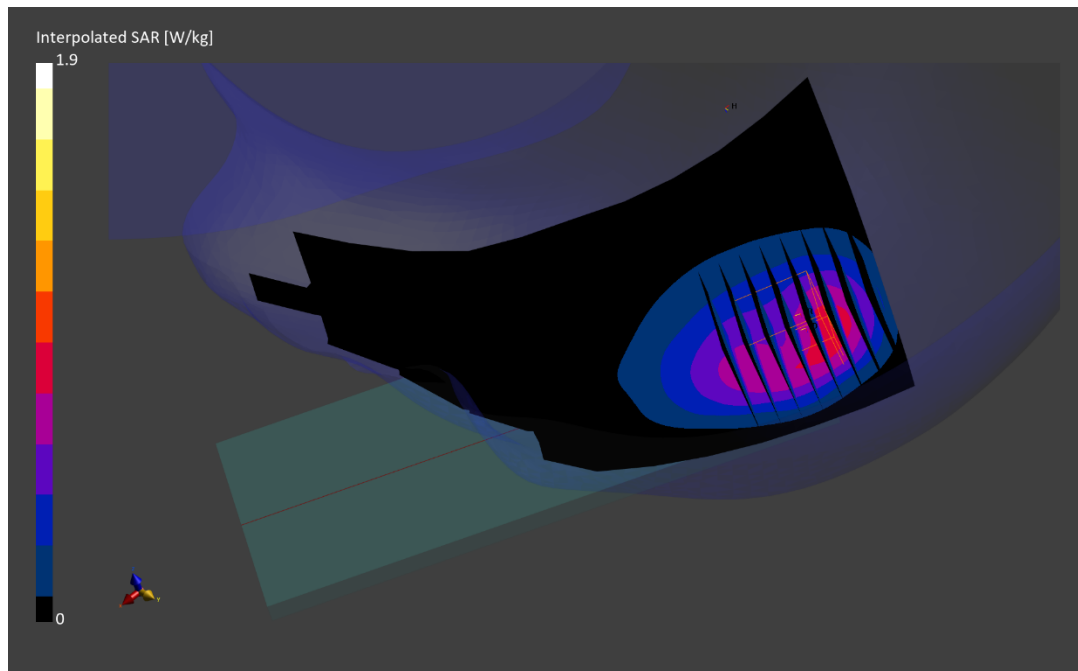
Reference Value = 0.60 W/kg; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 1.90 W/kg

SAR(1 g) = 0.813 W/kg

Smallest distance from peaks to all points 3 dB below is 8.6 mm

Ratio of SAR at M2 to SAR at M1 = 73.3 %



ELEMENT

DUT: A3LSMS938JPN; Type: Portable Handset; Serial: 1428M

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

Medium: 835 Head; Medium parameters used:

f = 836.600 MHz; cond = 0.901 S/m; perm = 42.8; density = 1000 kg/m³

Phantom Section: Flat; Space: 10.00 mm

Test Date: 11/11/2024; Ambient Temp: 22.7°C; Tissue Temp: 19.9°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: UMTS 850, Antenna E, Exp: Body-worn | Back Side, 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

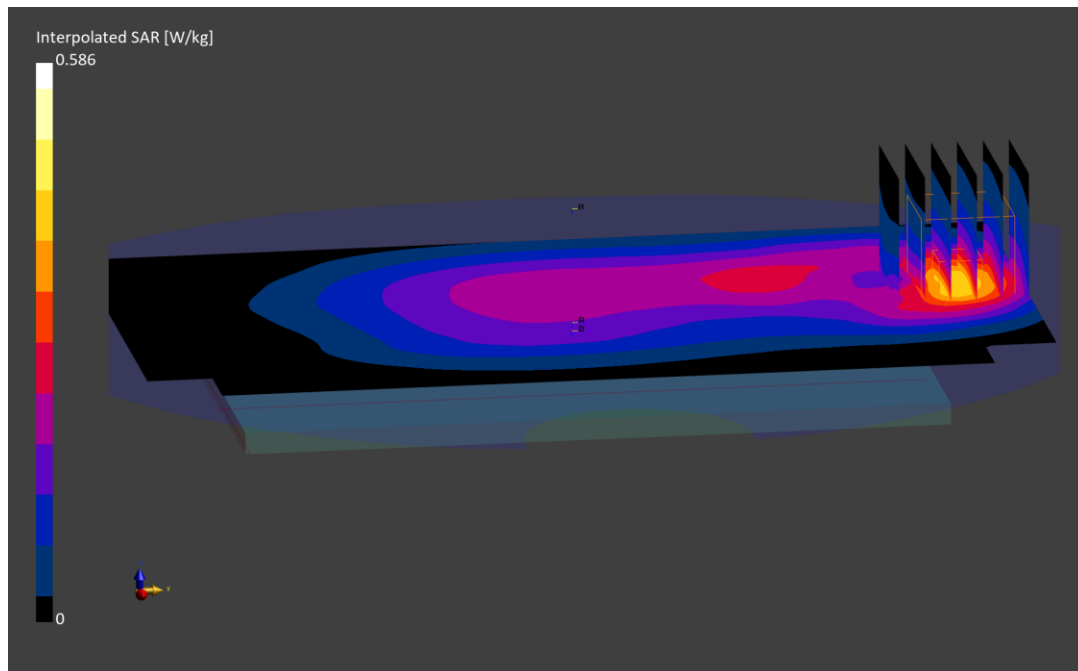
Reference Value = 0.34 W/kg; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.586 W/kg

SAR(1 g) = 0.363 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 = 84.9 %



ELEMENT

DUT: A3LSMS938JPN; Type: Portable Handset; Serial: 1428M

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

Medium: 835 Head; Medium parameters used:

f = 836.600 MHz; cond = 0.901 S/m; perm = 42.8; density = 1000 kg/m³

Phantom Section: Flat; Space: 10.00 mm

Test Date: 11/11/2024; Ambient Temp: 22.7°C; Tissue Temp: 19.9°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: UMTS 850, Antenna E, Exp: Hotspot| Top Edge, Ch. Mid

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

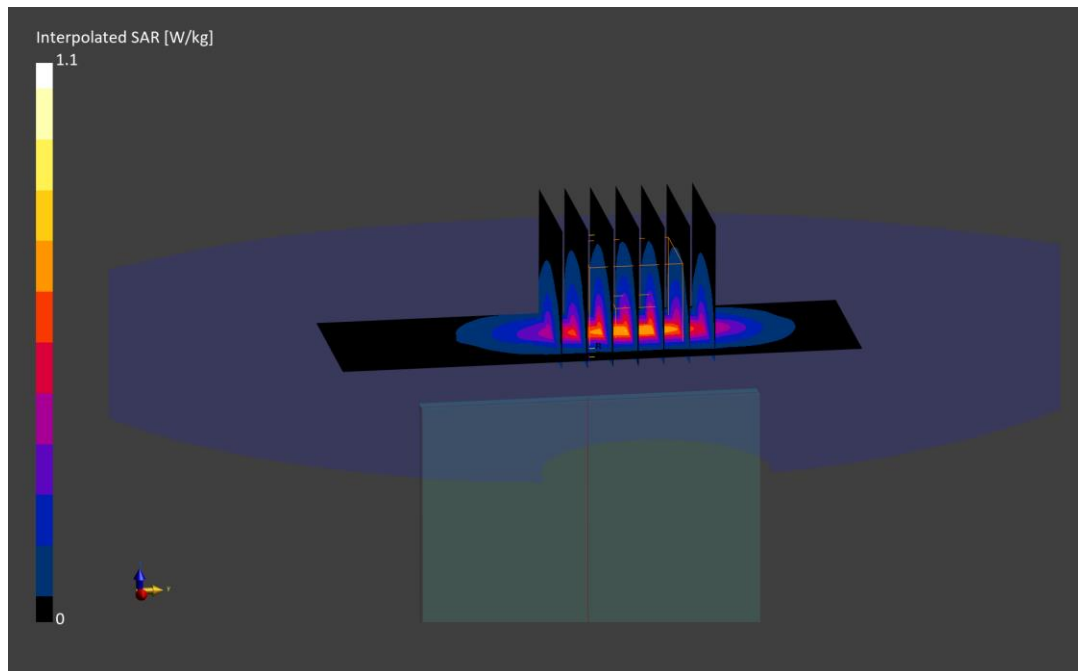
Reference Value = 0.52 W/kg; Power Drift = 0.00 dB

Peak SAR (extrapolated) = 1.10 W/kg

SAR(1 g) = 0.561 W/kg

Smallest distance from peaks to all points 3 dB below is 8.3 mm

Ratio of SAR at M2 to SAR at M1 = 79.4 %



ELEMENT

DUT: A3LSMS938JPN; Type: Portable Handset; Serial: 1431M

Communication System: UID:10154 - CAH, LTE-FDD; MAIA: Y; Frequency: 707.500 MHz

Medium: 750 Head; Medium parameters used:

f = 707.500 MHz; cond = 0.854 S/m; perm = 42.9; density = 1000 kg/m³

Phantom Section: LeftHead; Space: 0.00 mm

Test Date: 11/20/2024; Ambient Temp: 22.2°C; Tissue Temp: 21.6°C

Probe: EX3DV4 - SN7558; ConvF:(9.99,9.46,9.96); 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: LTE Band 12, Antenna E, Exp: Head| Left Cheek, Ch. Mid,
10 MHz Bandwidth, QPSK, 25 RB, 12 RB Offset**

Area Scan (140.0 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: 1.4

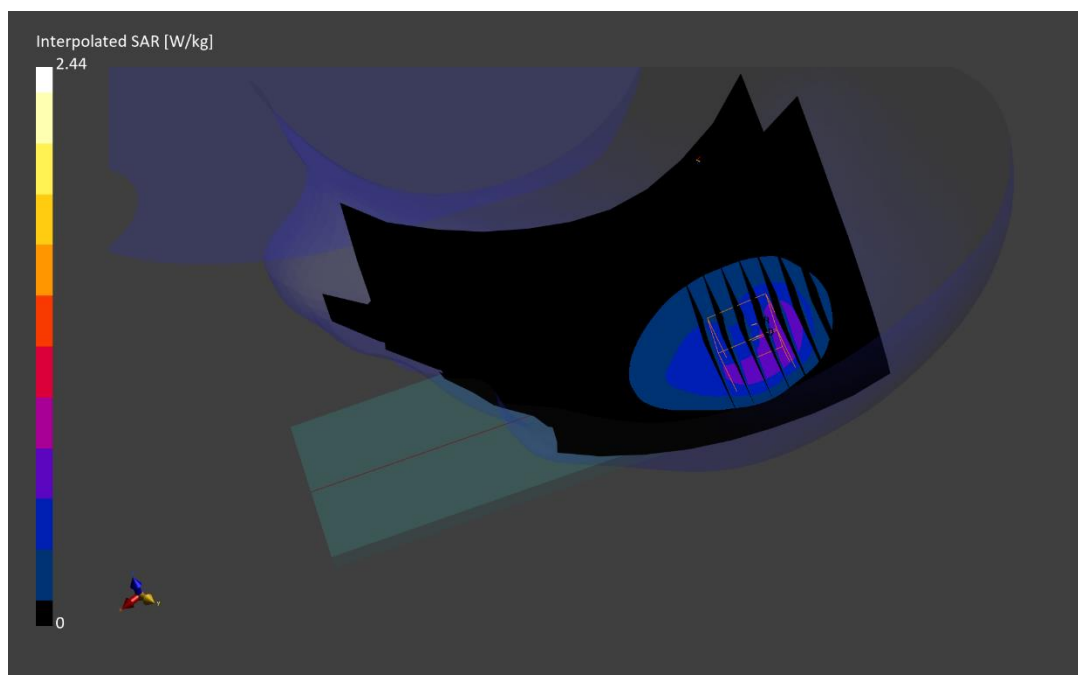
Reference Value = 0.63 W/kg; Power Drift = 0.00 dB

Peak SAR (extrapolated) = 2.44 W/kg

SAR(1 g) = 0.865 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 = 70.9 %



ELEMENT

DUT: A3LSMS938JPN; Type: Portable Handset; Serial: 1431M

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

Medium: 750 Head; Medium parameters used:

f = 707.500 MHz; cond = 0.854 S/m; perm = 42.9; density = 1000 kg/m³

Phantom Section: Flat; Space: 10.00 mm

Test Date: 11/20/2024; Ambient Temp: 22.2°C; Tissue Temp: 21.6°C

Probe: EX3DV4 - SN7558; ConvF:(9.99,9.46,9.96); 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: LTE Band 12, Antenna E, Exp: Body-worn | Back Side, Ch. Mid,
10 MHz Bandwidth, QPSK, 1 RB, 25 RB Offset**

Area Scan (140.0 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

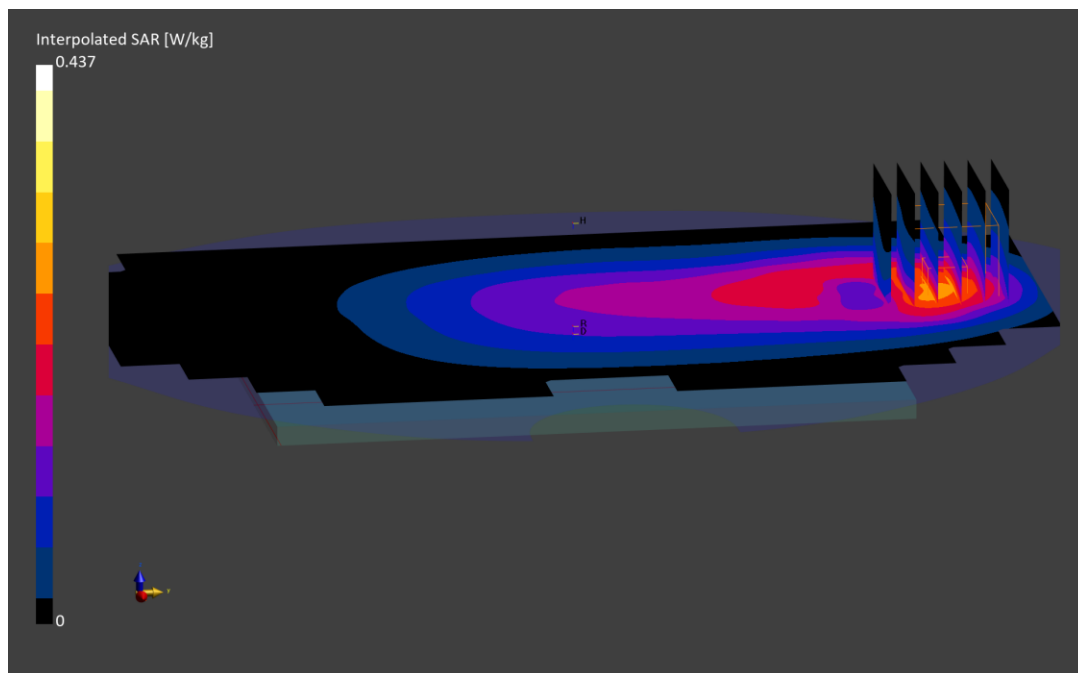
Reference Value = 0.22 W/kg; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.437 W/kg

SAR(1 g) = 0.246 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 = 80.9 %



ELEMENT

DUT: A3LSMS938JPN; Type: Portable Handset; Serial: 1431M

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

Medium: 750 Head; Medium parameters used:

$f = 707.500$ MHz; $\text{cond} = 0.854$ S/m; $\text{perm} = 42.9$; $\text{density} = 1000$ kg/m³

Phantom Section: Flat; Space: 10.00 mm

Test Date: 11/20/2024; Ambient Temp: 22.2°C; Tissue Temp: 21.6°C

Probe: EX3DV4 - SN7558; ConvF:(9.99,9.46,9.96); 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: LTE Band 12, Antenna E, Exp: Hotspot| Right Edge, Ch. Mid,
10 MHz Bandwidth, QPSK, 1 RB, 25 RB Offset**

Area Scan (60.0 x 200.0): 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

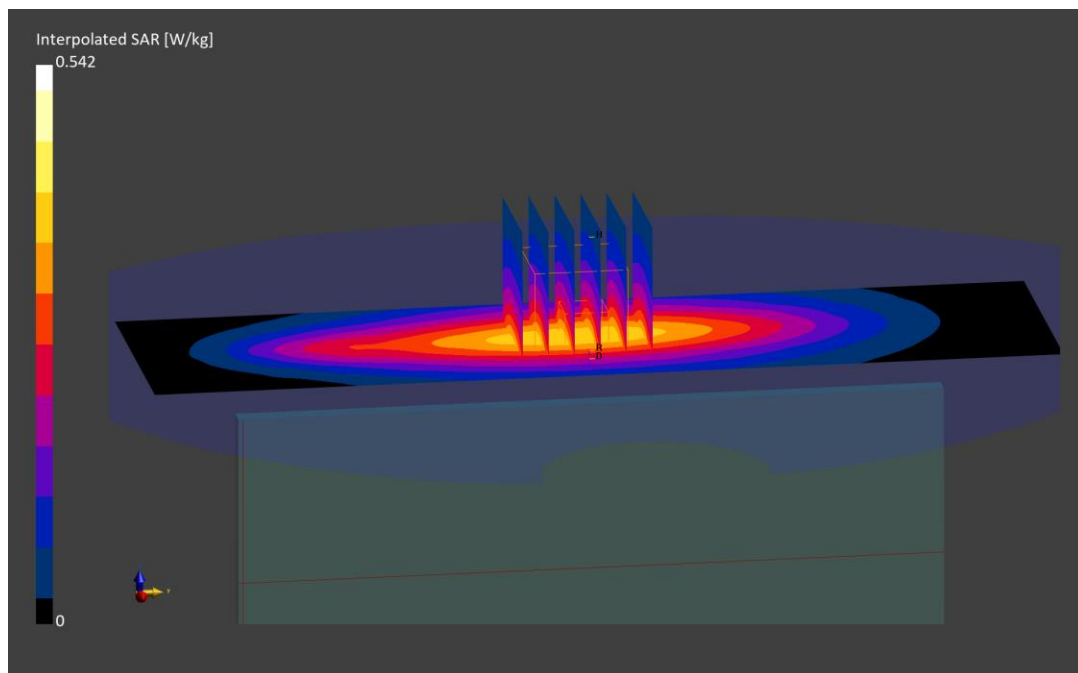
Reference Value = 0.32 W/kg; Power Drift = -0.15 dB

Peak SAR (extrapolated) = 0.542 W/kg

SAR(1 g) = 0.354 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 = 86.5 %



ELEMENT

DUT: A3LSMS938JPN; Type: Portable Handset; Serial: 1431M

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

Medium: 750 Head; Medium parameters used:

f = 782.000 MHz; cond = 0.881 S/m; perm = 42.6; density = 1000 kg/m³

Phantom Section: LeftHead; Space: 0.00 mm

Test Date: 11/20/2024; Ambient Temp: 22.2°C; Tissue Temp: 21.6°C

Probe: EX3DV4 - SN7558; ConvF:(9.99,9.46,9.96); 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: LTE Band 13, Antenna E, Exp: Head| Left Cheek, Ch. Mid,
10 MHz Bandwidth, QPSK, 1 RB, 0 RB Offset**

Area Scan (140.0 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

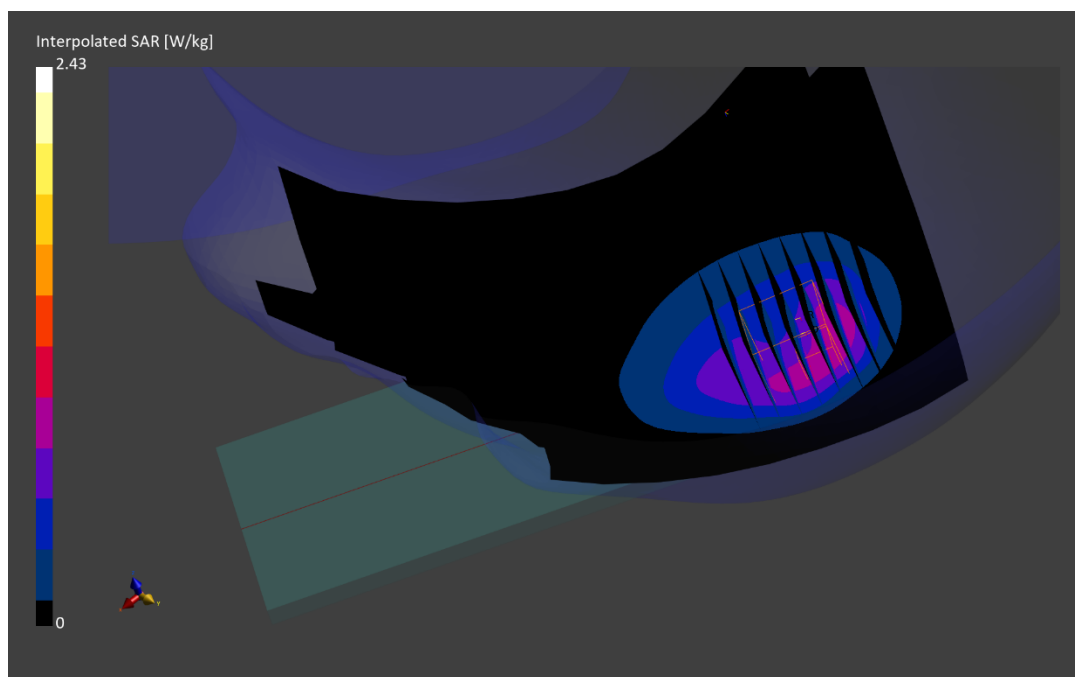
Reference Value = 0.77 W/kg; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 2.43 W/kg

SAR(1 g) = 1.02 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 = 74.2 %



ELEMENT

DUT: A3LSMS938JPN; Type: Portable Handset; Serial: 1431M

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

Medium: 750 Head; Medium parameters used:

f = 782.000 MHz; cond = 0.881 S/m; perm = 42.6; density = 1000 kg/m³

Phantom Section: Flat; Space: 10.00 mm

Test Date: 11/20/2024; Ambient Temp: 22.2°C; Tissue Temp: 21.6°C

Probe: EX3DV4 - SN7558; ConvF:(9.99,9.46,9.96); 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: LTE Band 13, Antenna E, Exp: Body-worn | Back Side, Ch. Mid,
10 MHz Bandwidth, QPSK, 1 RB, 0 RB Offset**

Area Scan (140.0 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

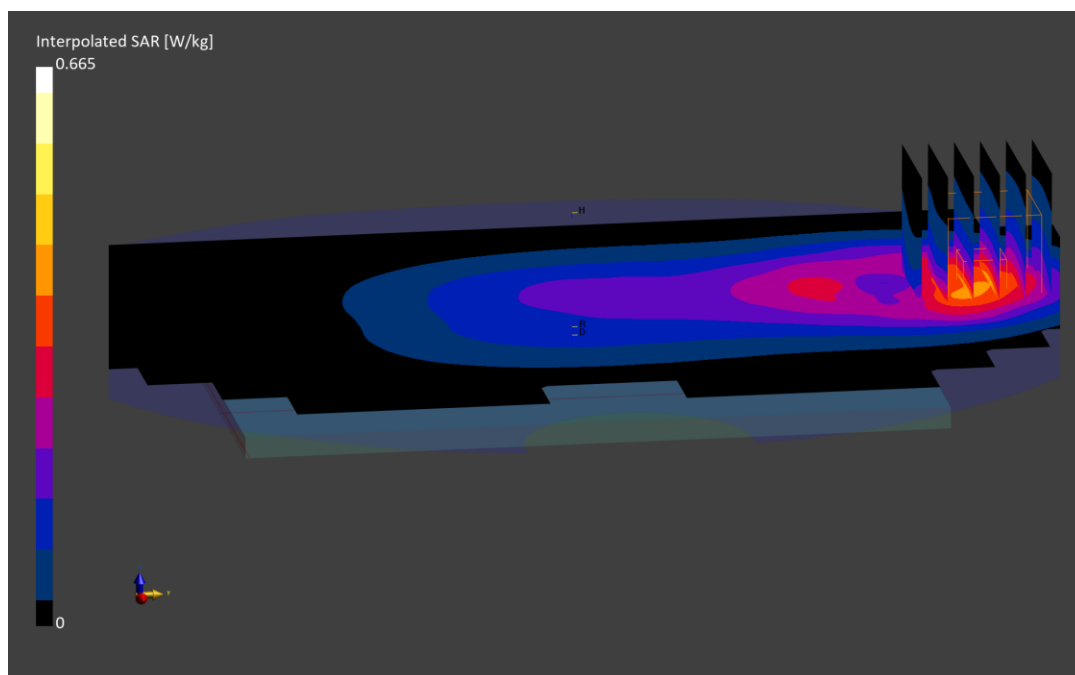
Reference Value = 0.34 W/kg; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 0.665 W/kg

SAR(1 g) = 0.380 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 = 82.0 %



ELEMENT

DUT: A3LSMS938JPN; Type: Portable Handset; Serial: 1431M

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

Medium: 750 Head; Medium parameters used:

f = 782.000 MHz; cond = 0.881 S/m; perm = 42.6; density = 1000 kg/m³

Phantom Section: Flat; Space: 10.00 mm

Test Date: 11/20/2024; Ambient Temp: 22.2°C; Tissue Temp: 21.6°C

Probe: EX3DV4 - SN7558; ConvF:(9.99,9.46,9.96); 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: LTE Band 13, Antenna E, Exp: Hotspot| Top Edge, Ch. Mid,
10 MHz Bandwidth, QPSK, 1 RB, 0 RB Offset**

Area Scan (60.0 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

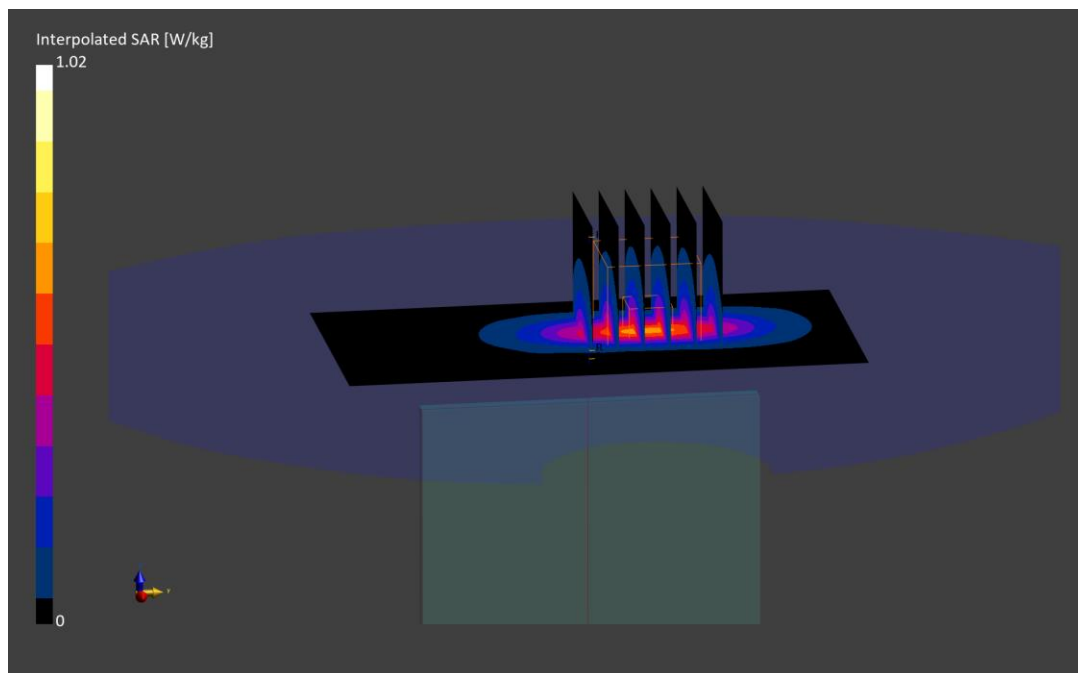
Reference Value = 0.44 W/kg; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 1.02 W/kg

SAR(1 g) = 0.497 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 = 79.7 %



ELEMENT

DUT: A3LSMS938JPN; Type: Portable Handset; Serial: 1431M

Communication System: UID:10175 - CAH, LTE-FDD; MAIA: Y; Frequency: 836.500 MHz

Medium: 835 Head; Medium parameters used:

f = 836.500 MHz; cond = 0.899 S/m; perm = 42.0; density = 1000 kg/m³

Phantom Section: LeftHead; Space: 0.00 mm

Test Date: 11/23/2024; Ambient Temp: 21.6°C; Tissue Temp: 20.8°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: LTE Band 5, Antenna E, Exp: Head| Left Cheek, Ch. Mid,
10 MHz Bandwidth, QPSK, 1 RB, 25 RB Offset**

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

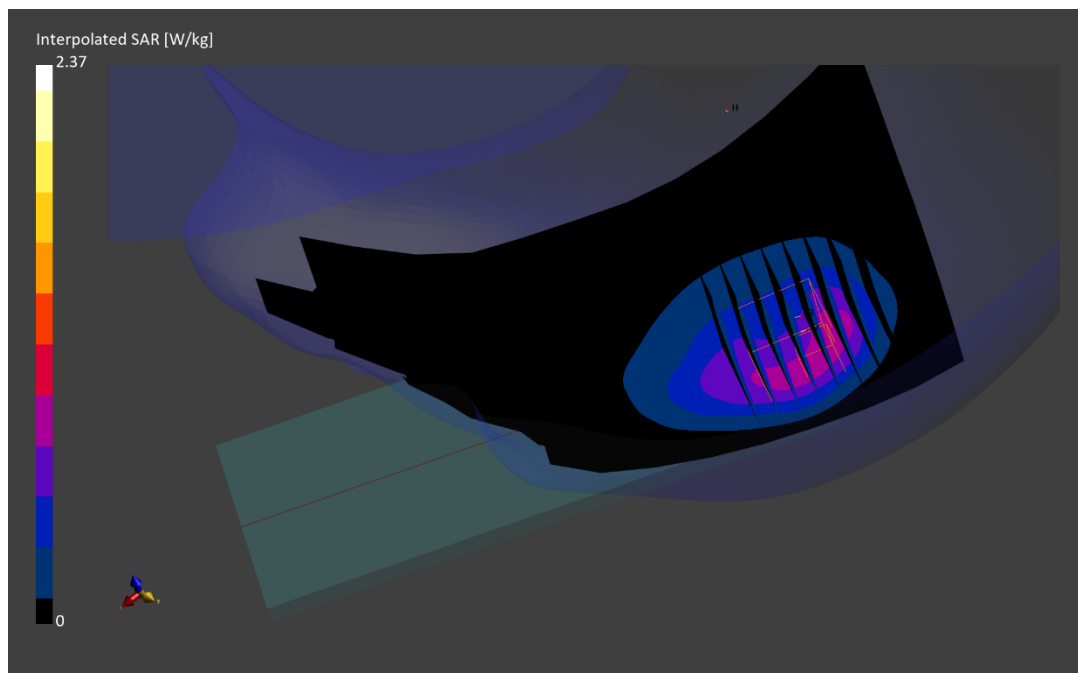
Reference Value = 0.68 W/kg; Power Drift = -0.14 dB

Peak SAR (extrapolated) = 2.37 W/kg

SAR(1 g) = 0.973 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 = 70.7 %



ELEMENT

DUT: A3LSMS938JPN; Type: Portable Handset; Serial: 1431M

Communication System: UID:10175 - CAH, LTE-FDD; MAIA: Y; Frequency: 836.500 MHz

Medium: 835 Head; Medium parameters used:

f = 836.500 MHz; cond = 0.902 S/m; perm = 42.5; density = 1000 kg/m³

Phantom Section: Flat; Space: 10.00 mm

Test Date: 11/20/2024; Ambient Temp: 22.2°C; Tissue Temp: 21.6°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: LTE Band 5, Antenna E, Exp: Body-worn | Back Side, Ch. Mid,
10 MHz Bandwidth, QPSK, 1 RB, 49 RB Offset**

Area Scan (140.0 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

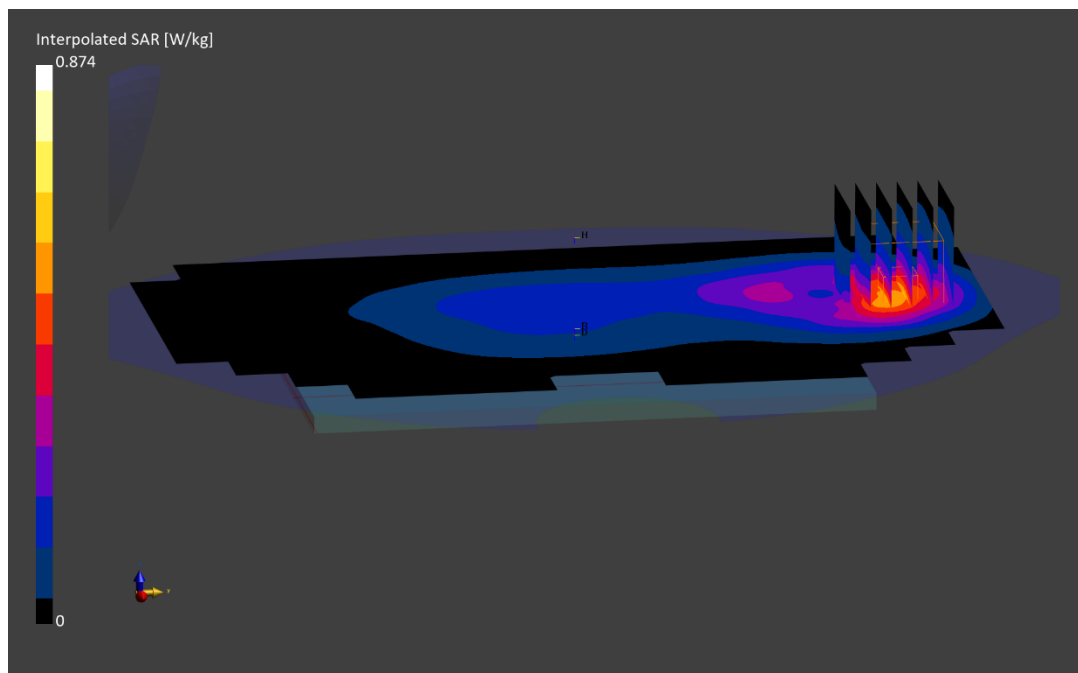
Reference Value = 0.47 W/kg; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 0.874 W/kg

SAR(1 g) = 0.517 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 = 85.4 %



ELEMENT

DUT: A3LSMS938JPN; Type: Portable Handset; Serial: 1431M

Communication System: UID:10175 - CAH, LTE-FDD; MAIA: Y; Frequency: 836.500 MHz

Medium: 835 Head; Medium parameters used:

f = 836.500 MHz; cond = 0.902 S/m; perm = 42.5; density = 1000 kg/m³

Phantom Section: Flat; Space: 10.00 mm

Test Date: 11/20/2024; Ambient Temp: 22.2°C; Tissue Temp: 21.6°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: LTE Band 5, Antenna E, Exp: Hotspot| Top Edge, Ch. Mid,
10 MHz Bandwidth, QPSK, 1 RB, 49 RB Offset**

Area Scan (60.0 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

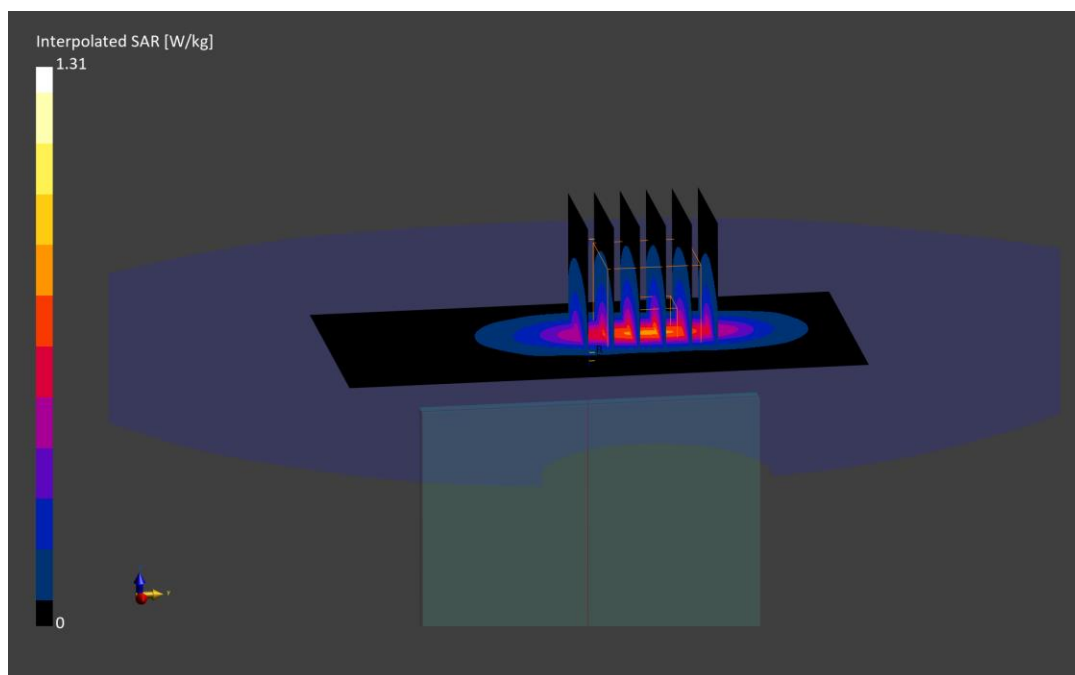
Reference Value = 0.58 W/kg; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 1.31 W/kg

SAR(1 g) = 0.654 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 = 80.3 %



ELEMENT

DUT: A3LSMS938JPN; Type: Portable Handset; Serial: 0455M

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

Medium: 1750 Head; Medium parameters used:

$f = 1770.000$ MHz; $\text{cond} = 1.33$ S/m; $\text{perm} = 41.3$; $\text{density} = 1000$ kg/m³

Phantom Section: RightHead; Space: 0.00 mm

Test Date: 11/19/2024; Ambient Temp: 22.5°C; Tissue Temp: 21.8°C

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

Sensor-Surface: 1.4mm (All points)

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

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

Measurement SW: DASY Module SAR V16.4.0.5005

**Mode: LTE Band 66, Antenna A, Exp: Head| Right Cheek, Ch. High,
20 MHz Bandwidth, QPSK, 1 RB, 99 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

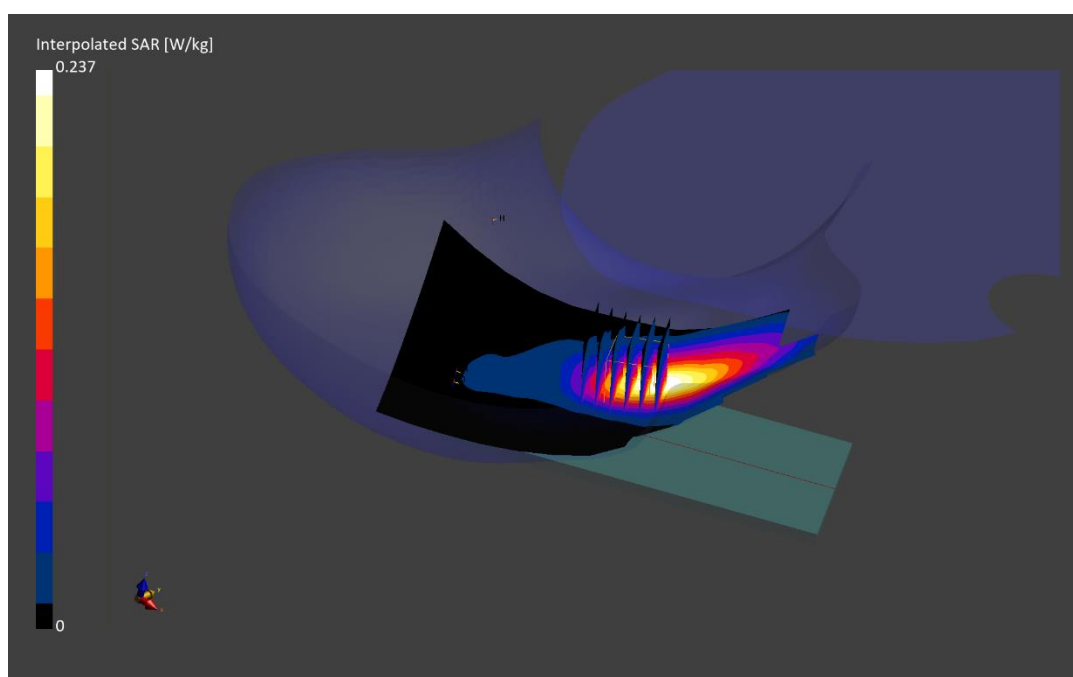
Reference Value = 0.15 W/kg; Power Drift = 0.21 dB

Peak SAR (extrapolated) = 0.237 W/kg

SAR(1 g) = 0.151 W/kg

Smallest distance from peaks to all points 3 dB below is 15.8 mm

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



ELEMENT

DUT: A3LSMS938JPN; Type: Portable Handset; Serial: 0455M

Communication System: UID:10297 - AAE, LTE-FDD; MAIA: Y; Frequency: 1720.000 MHz

Medium: 1750 Head; Medium parameters used:

$f = 1720.000$ MHz; $\text{cond} = 1.29$ S/m; $\text{perm} = 39.7$; $\text{density} = 1000$ kg/m³

Phantom Section: Flat; Space: 10.00 mm

Test Date: 11/11/2024; Ambient Temp: 22.6°C; Tissue Temp: 21.0°C

Probe: EX3DV4 - SN7718; ConvF:(7.81,7.9,8.22); Calibrated: 2024-04-17

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

Electronics: DAE4 Sn665; Calibrated: 2024-03-01

Phantom: Twin-SAM V5.0; Serial: 1792

Measurement SW: DASY Module SAR V16.4.0.5005

**Mode: LTE Band 66, Antenna A, Exp: Body-worn | Back Side, Ch. Low,
20 MHz Bandwidth, QPSK, 50 RB, 50 RB Offset**

Area Scan (120.0 x 210.0): Measurement grid: $\text{dx}=15.0$ mm, $\text{dy}=15.0$ mm

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

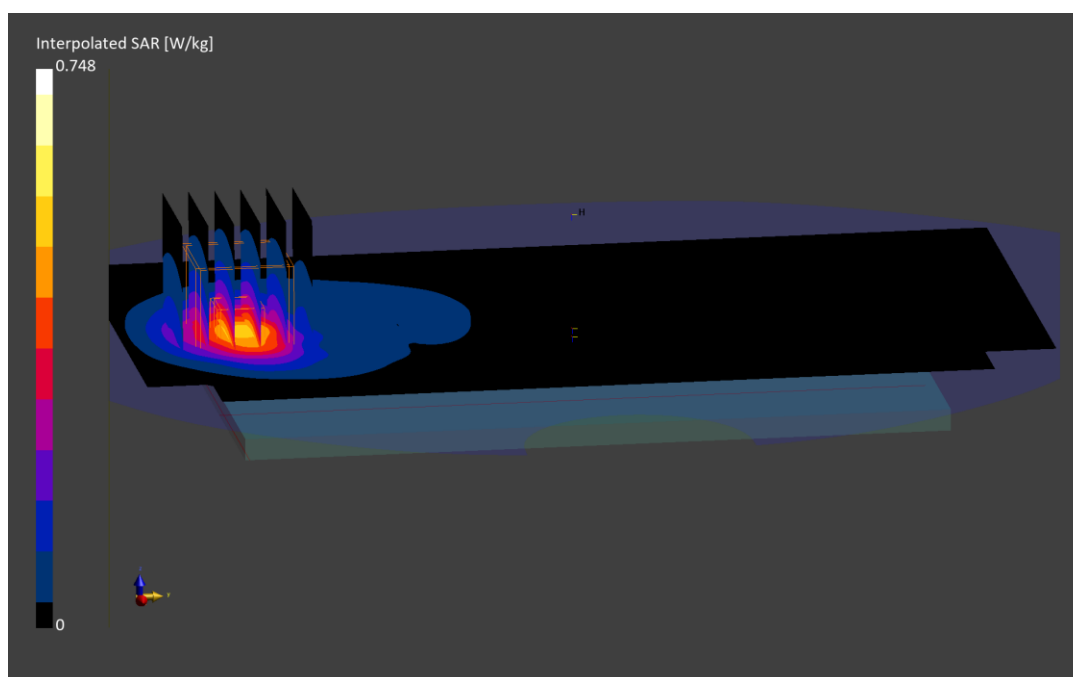
Reference Value = 0.46 W/kg; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 0.748 W/kg

SAR(1 g) = 0.454 W/kg

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

Ratio of SAR at M2 to SAR at M1 = 86.2 %



ELEMENT

DUT: A3LSMS938JPN; Type: Portable Handset; Serial: 0455M

Communication System: UID:10169 - CAF, LTE-FDD; MAIA: Y; Frequency: 1745.000 MHz

Medium: 1750 Head; Medium parameters used:

f = 1745.000 MHz; cond = 1.31 S/m; perm = 41.3; density = 1000 kg/m³

Phantom Section: Flat; Space: 10.00 mm

Test Date: 11/19/2024; Ambient Temp: 22.5°C; Tissue Temp: 21.8°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: LTE Band 66, Antenna A, Exp: Hotspot| Bottom Edge, Ch. Mid,
20 MHz Bandwidth, QPSK, 1 RB, 99 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

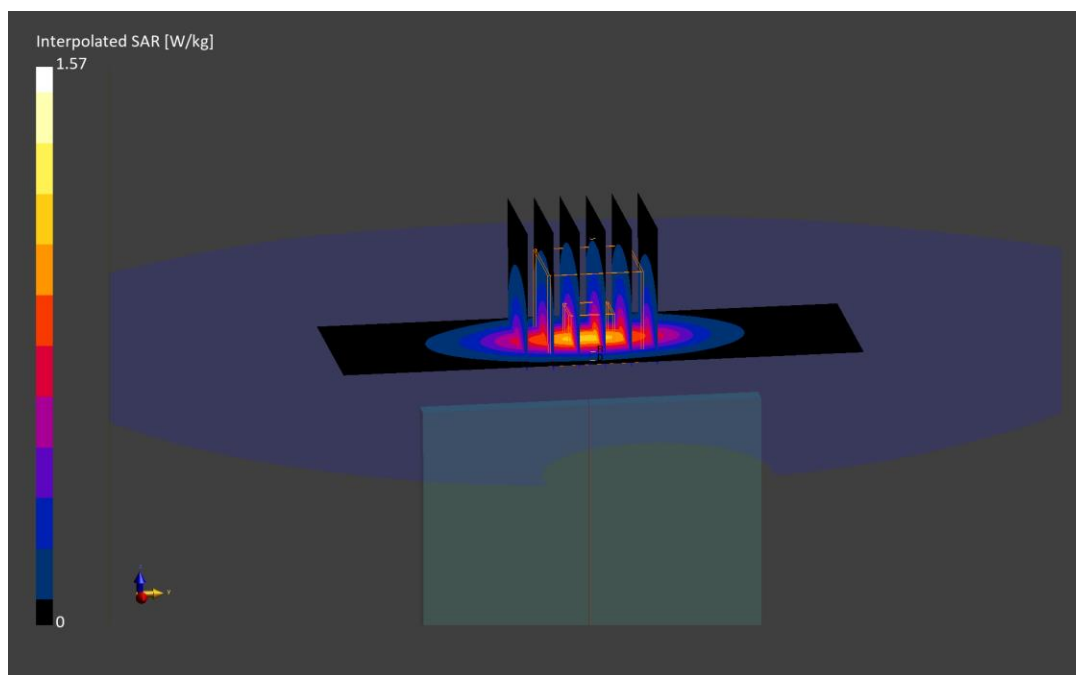
Reference Value = 1.10 W/kg; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 1.57 W/kg

SAR(1 g) = 0.888 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 = 83.5 %



ELEMENT

DUT: A3LSMS938JPN; Type: Portable Handset; Serial: 0455M

Communication System: UID:10169 - CAF, LTE-FDD; MAIA: Y; Frequency: 1860.000 MHz

Medium: 1900 Head; Medium parameters used:

$f = 1860.000$ MHz; $\text{cond} = 1.38$ S/m; $\text{perm} = 41.2$; $\text{density} = 1000$ kg/m³

Phantom Section: RightHead; Space: 0.00 mm

Test Date: 11/19/2024; Ambient Temp: 22.5°C; Tissue Temp: 21.8°C

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

Sensor-Surface: 1.4mm (All points)

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

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

Measurement SW: DASY Module SAR V16.4.0.5005

**Mode: LTE Band 2, Antenna A, Exp: Head| Right Cheek, Ch. Low,
20 MHz Bandwidth, QPSK, 1 RB, 99 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

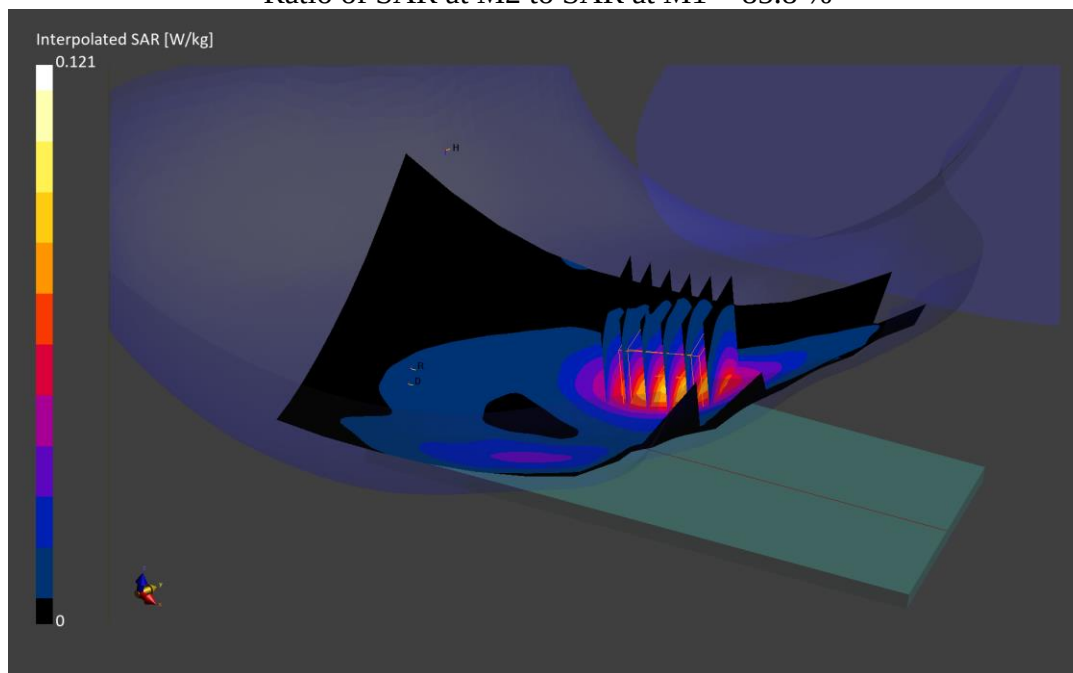
Reference Value = 0.01 W/kg; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 0.121 W/kg

SAR(1 g) = 0.076 W/kg

Smallest distance from peaks to all points 3 dB below is 11.1 mm

Ratio of SAR at M2 to SAR at M1 = 85.8 %



ELEMENT

DUT: A3LSMS938JPN; Type: Portable Handset; Serial: 0455M

Communication System: UID:10297 - AAE, LTE-FDD; MAIA: Y; Frequency: 1860.000 MHz

Medium: 1900 Head; Medium parameters used:

$f = 1860.000$ MHz; $\text{cond} = 1.38$ S/m; $\text{perm} = 41.8$; $\text{density} = 1000$ kg/m³

Phantom Section: Flat; Space: 10.00 mm

Test Date: 11/13/2024; Ambient Temp: 20.7°C; Tissue Temp: 20.0°C

Probe: EX3DV4 - SN7718; ConvF:(7.55,7.58,7.86); Calibrated: 2024-04-17

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

Electronics: DAE4 Sn665; Calibrated: 2024-03-01

Phantom: Twin-SAM V5.0; Serial: 1792

Measurement SW: DASY Module SAR V16.4.0.5005

**Mode: LTE Band 2, Antenna A, Exp: Body-worn | Back Side, Ch. Low,
20 MHz Bandwidth, QPSK, 50 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

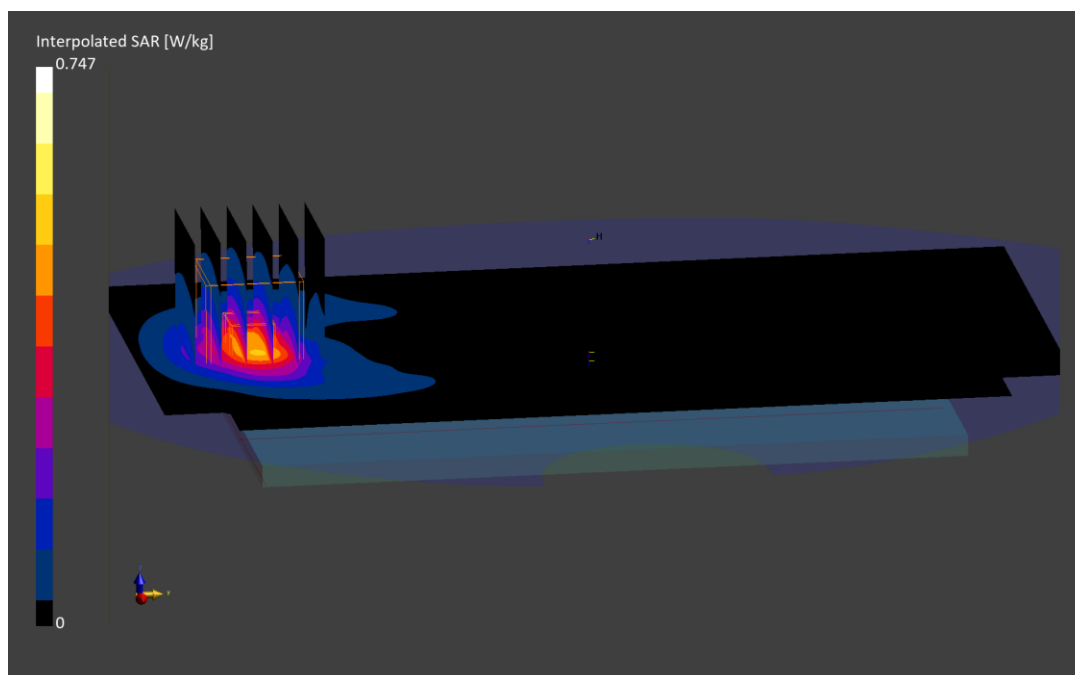
Reference Value = 0.43 W/kg; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.747 W/kg

SAR(1 g) = 0.434 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: A3LSMS938JPN; Type: Portable Handset; Serial: 0455M

Communication System: UID:10169 - CAF, LTE-FDD; MAIA: Y; Frequency: 1900.000 MHz

Medium: 1900 Head; Medium parameters used:

$f = 1900.000$ MHz; $\text{cond} = 1.41$ S/m; $\text{perm} = 41.1$; $\text{density} = 1000$ kg/m³

Phantom Section: Flat; Space: 10.00 mm

Test Date: 11/19/2024; Ambient Temp: 22.5°C; Tissue Temp: 21.8°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: LTE Band 2, 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

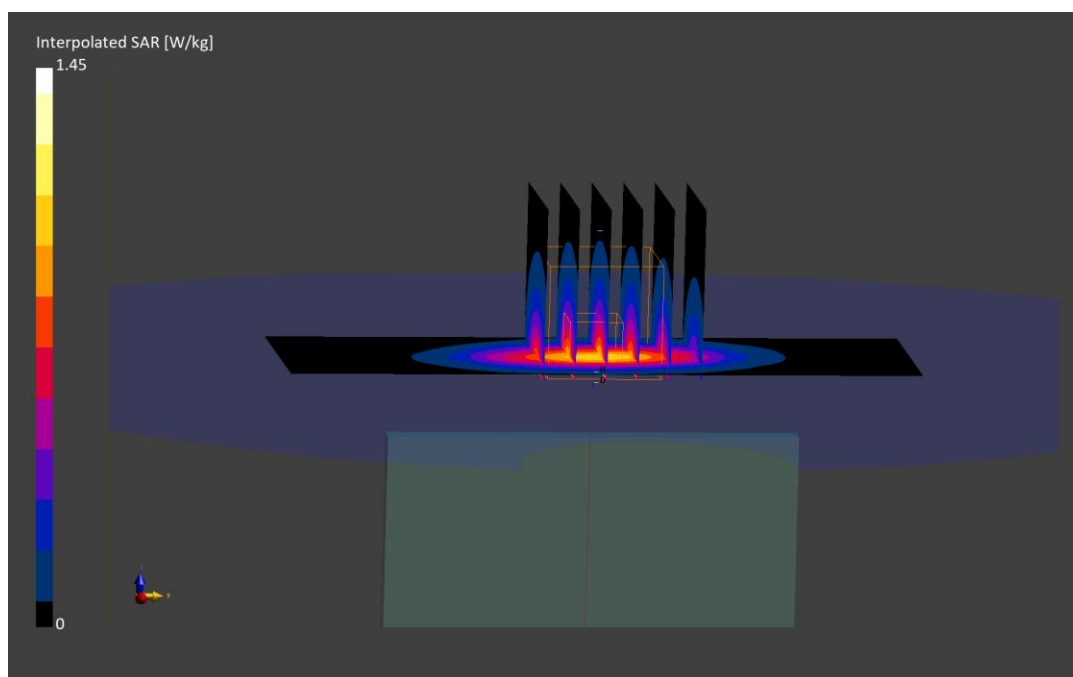
Reference Value = 0.82 W/kg; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 1.45 W/kg

SAR(1 g) = 0.811 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 = 82.9 %



ELEMENT

DUT: A3LSMS938JPN; Type: Portable Handset; Serial: 1432M

Communication System: UID:10494 - AAG, LTE-TDD; MAIA: Y; Frequency: 2506.000 MHz

Medium: 2450 Head; Medium parameters used:

$f = 2506.000$ MHz; $\text{cond} = 1.86$ S/m; $\text{perm} = 38.8$; $\text{density} = 1000$ kg/m³

Phantom Section: RightHead; Space: 0.00 mm

Test Date: 11/25/2024; Ambient Temp: 20.5°C; Tissue Temp: 20.5°C

Probe: EX3DV4 - SN7402; ConvF:(7.18,7.92,7.51); 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: LTE Band 41, ULCA 41C, Antenna F, Exp: Head| Right Tilt, Ch. Low,

PCC: 20 MHz Bandwidth, QPSK, Ch. 39750, 50 RB, 50 RB Offset

SCC: 20 MHz Bandwidth, QPSK, Ch. 39948, 50 RB, 0 RB Offset

Area Scan (120.0 x 220.0): Measurement grid: $\text{dx}=10.0$ mm, $\text{dy}=10.0$ mm

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

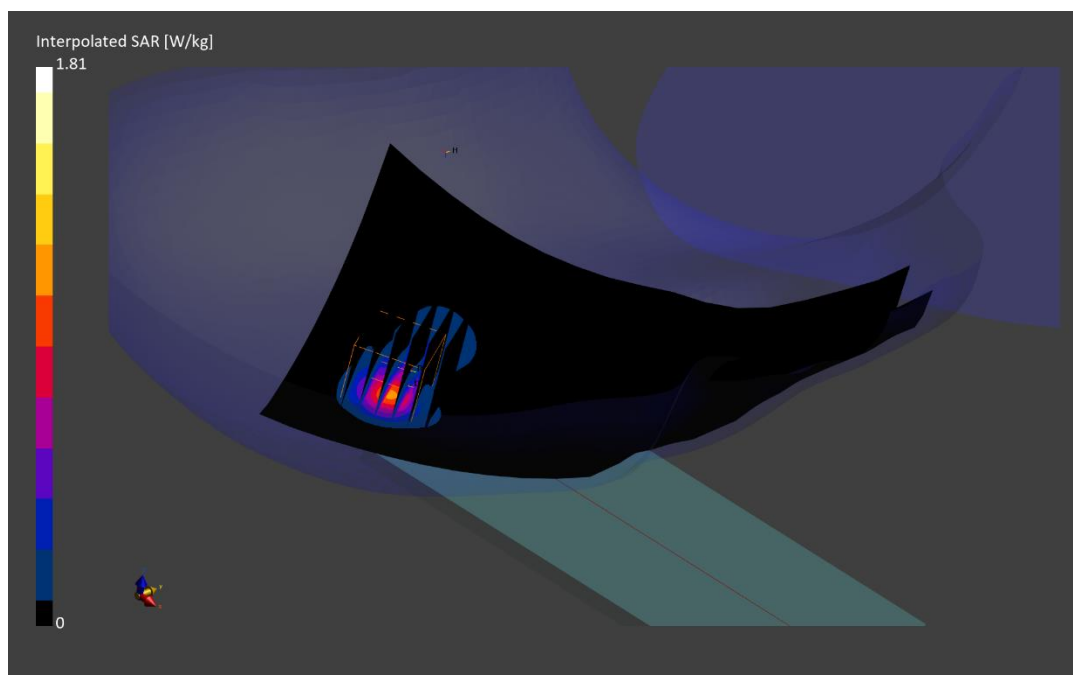
Reference Value = 0.72 W/kg; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 1.81 W/kg

SAR(1 g) = 0.776 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 = 78.2 %



ELEMENT

DUT: A3LSMS938JPN; Type: Portable Handset; Serial: 1432M

Communication System: UID:10494 - AAG, LTE-TDD; MAIA: Y; Frequency: 2593.000 MHz

Medium: 2450 Head; Medium parameters used:

$f = 2593.000$ MHz; $\text{cond} = 1.98$ S/m; $\text{perm} = 40.7$; $\text{density} = 1000$ kg/m³

Phantom Section: Flat; Space: 10.00 mm

Test Date: 11/23/2024; Ambient Temp: 21.5°C; Tissue Temp: 20.5°C

Probe: EX3DV4 - SN7402; ConvF:(7.13,7.87,7.47); Calibrated: 2024-05-10

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

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

Phantom: Twin-SAM V5.0 (30deg probe tilt); Serial: 1797

Measurement SW: DASY Module SAR V16.4.0.5005

**Mode: LTE Band 41, Antenna B, Exp: Body-worn/Hotspot| Back Side, Ch. Mid,
20 MHz Bandwidth, QPSK, 50 RB, 25 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

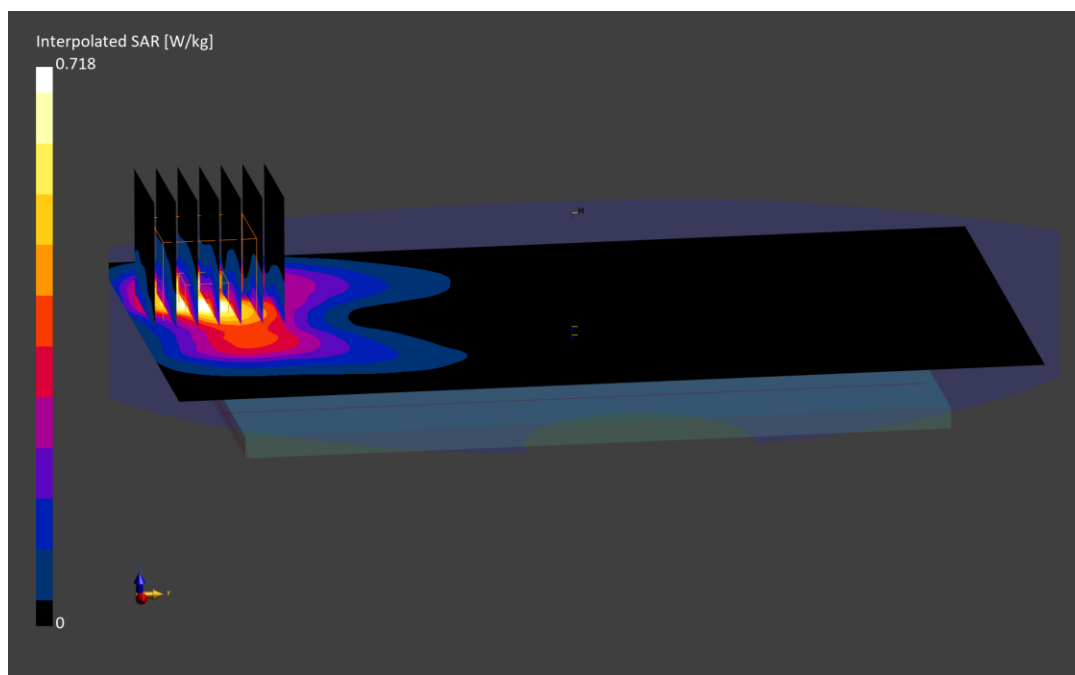
Reference Value = 0.31 W/kg; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 0.718 W/kg

SAR(1 g) = 0.363 W/kg

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

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



ELEMENT

DUT: A3LSMS938JPN; Type: Portable Handset; Serial: 1432M

Communication System: UID:10494 - AAG, LTE-TDD; MAIA: Y; Frequency: 2506.000 MHz

Medium: 2450 Head; Medium parameters used:

f = 2506.000 MHz; cond = 1.86 S/m; perm = 38.8; density = 1000 kg/m³

Phantom Section: Flat; Space: 10.00 mm

Test Date: 11/25/2024; Ambient Temp: 20.5°C; Tissue Temp: 20.5°C

Probe: EX3DV4 - SN7402; ConvF:(7.18,7.92,7.51); 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: LTE Band 41, ULCA 41C, Antenna F, Exp: Hotspot| Top Edge, Ch. Low,
PCC: 20 MHz Bandwidth, QPSK, Ch. 39750, 50 RB, 50 RB Offset
SCC: 20 MHz Bandwidth, QPSK, Ch. 39948, 50 RB, 0 RB Offset**

Area Scan (40.0 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

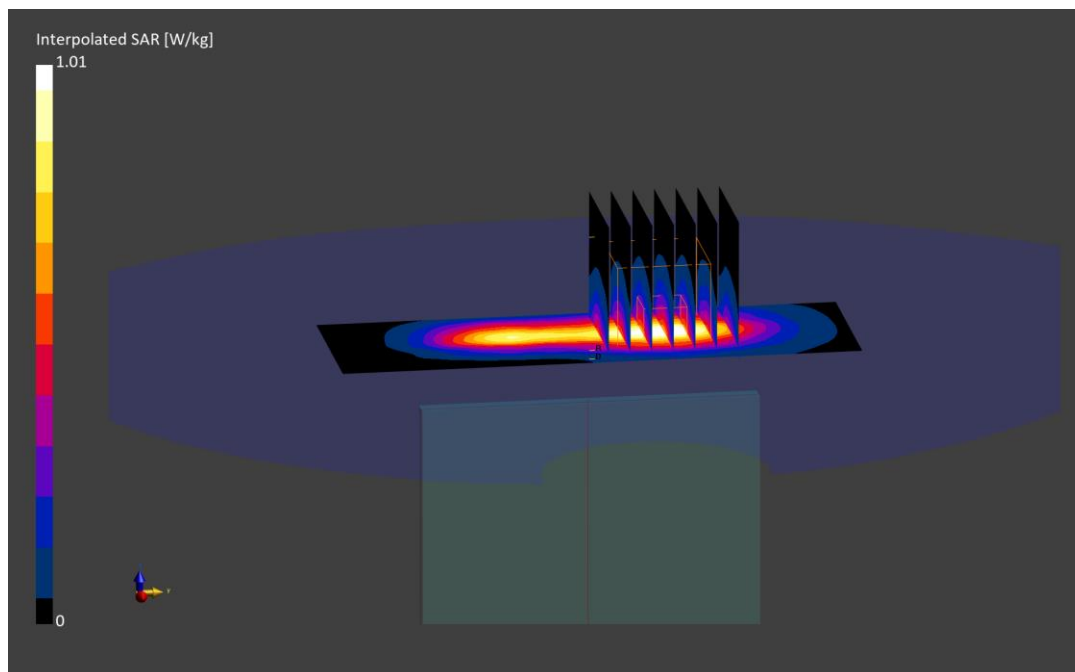
Reference Value = 0.47 W/kg; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 1.01 W/kg

SAR(1 g) = 0.542 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 = 82.5 %



ELEMENT

DUT: A3LSMS938JPN; Type: Portable Handset; Serial: 1431M

Communication System: UID:10939 - AAC, 5G NR FR1 FDD; MAIA: Y; Frequency: 836.500 MHz

Medium: 835 Head; Medium parameters used:

f = 836.500 MHz; cond = 0.941 S/m; perm = 40.6; density = 1000 kg/m³

Phantom Section: LeftHead; Space: 0.00 mm

Test Date: 11/18/2024; Ambient Temp: 21.7°C; Tissue Temp: 22.0°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: NR Band n5, Antenna E, Exp: Head| Left Cheek, Ch. 167300,
20 MHz Bandwidth, DFT-s-OFDM QPSK, 50 RB, 28 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

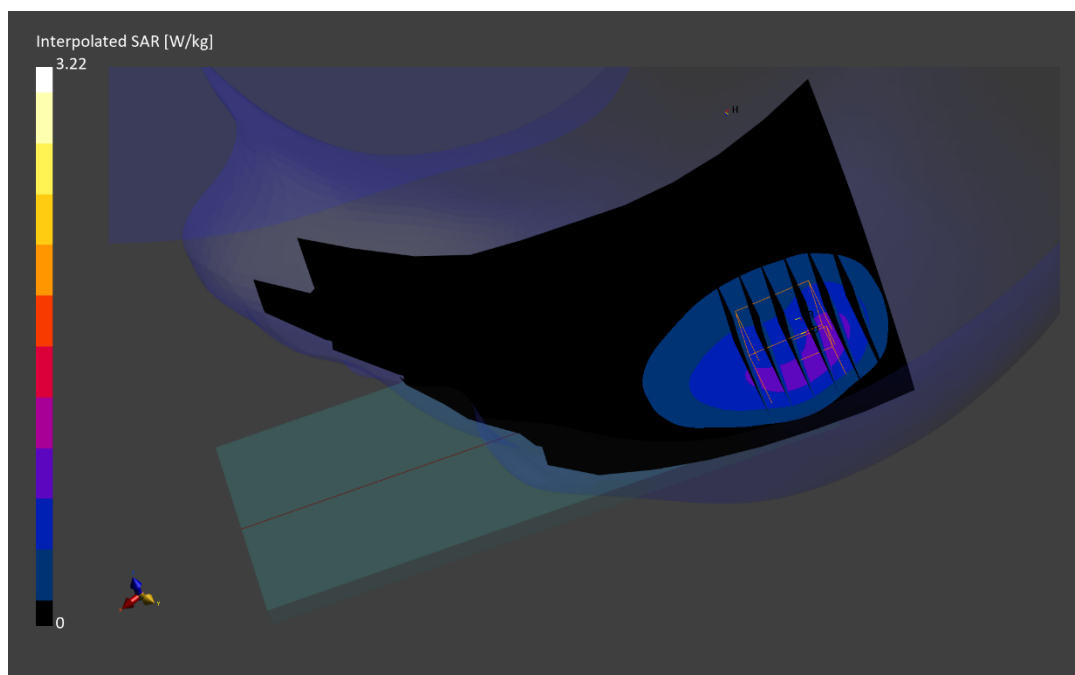
Reference Value = 0.70 W/kg; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 3.22 W/kg

SAR(1 g) = 1.05 W/kg

Smallest distance from peaks to all points 3 dB below is 6.7 mm

Ratio of SAR at M2 to SAR at M1 = 63.8 %



ELEMENT

DUT: A3LSMS938JPN; Type: Portable Handset; Serial: 1431M

Communication System: UID:10939 - AAC, 5G NR FR1 FDD; MAIA: Y; Frequency: 836.500 MHz

Medium: 835 Head; Medium parameters used:

$f = 836.500$ MHz; $\text{cond} = 0.941$ S/m; $\text{perm} = 40.6$; $\text{density} = 1000$ kg/m³

Phantom Section: Flat; Space: 10.00 mm

Test Date: 11/18/2024; Ambient Temp: 21.7°C; Tissue Temp: 22.0°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: NR Band n5, Antenna E, Exp: Body-worn | Back Side, Ch. 167300,
20 MHz Bandwidth, DFT-s-OFDM QPSK, 50 RB, 28 RB Offset**

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

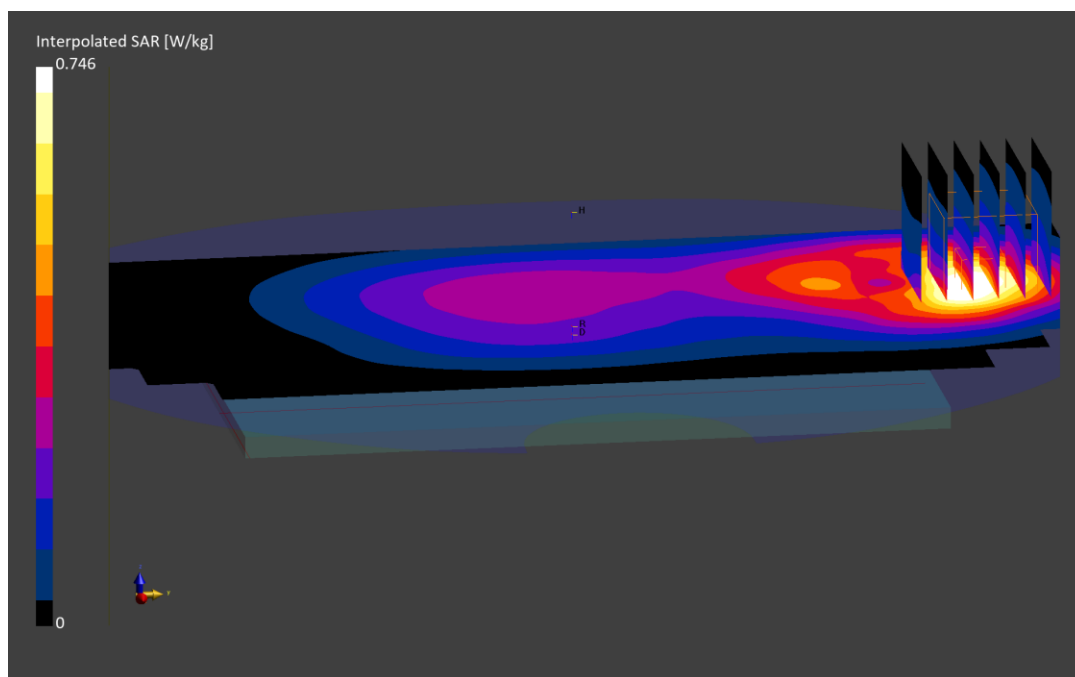
Reference Value = 0.41 W/kg; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.745 W/kg

SAR(1 g) = 0.450 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 = 84.4 %



ELEMENT

DUT: A3LSMS938JPN; Type: Portable Handset; Serial: 1431M

Communication System: UID:10939 - AAC, 5G NR FR1 FDD; MAIA: Y; Frequency: 836.500 MHz

Medium: 835 Head; Medium parameters used:

$f = 836.500$ MHz; $\text{cond} = 0.941$ S/m; $\text{perm} = 40.6$; $\text{density} = 1000$ kg/m³

Phantom Section: Flat; Space: 10.00 mm

Test Date: 11/18/2024; Ambient Temp: 21.7°C; Tissue Temp: 22.0°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: NR Band n5, Antenna E, Exp: Hotspot| Top Edge, Ch. 167300,
20 MHz Bandwidth, DFT-s-OFDM QPSK, 50 RB, 28 RB Offset**

Area Scan (60.0 x 140.0): 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

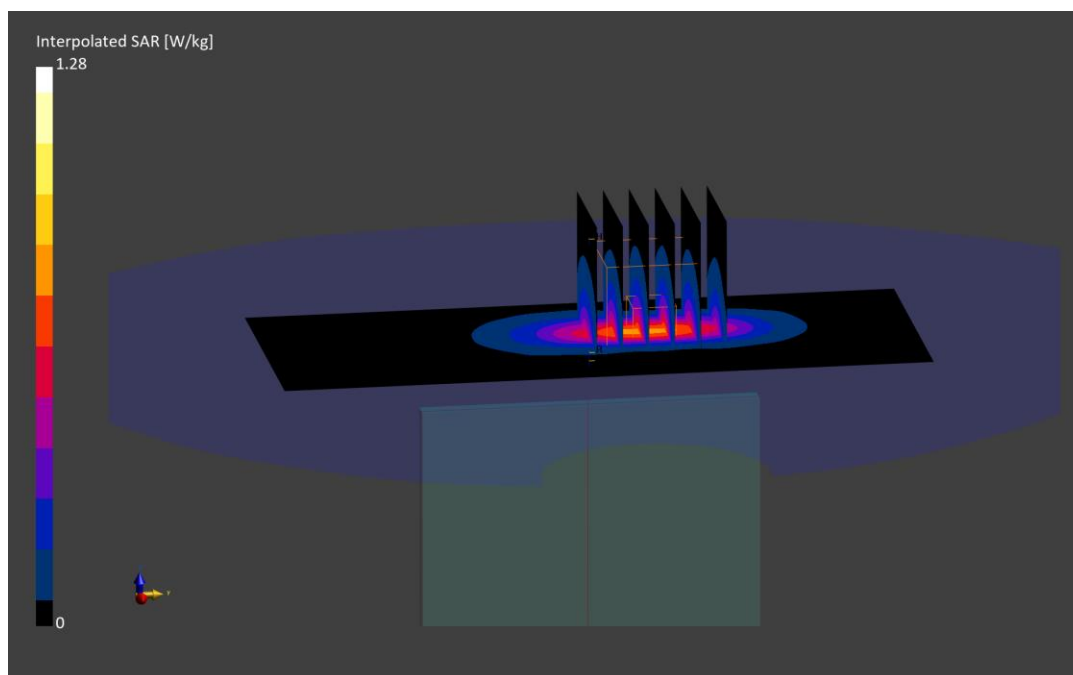
Reference Value = 0.57 W/kg; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 1.28 W/kg

SAR(1 g) = 0.630 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 = 79.5 %



ELEMENT

DUT: A3LSMS938JPN; Type: Portable Handset; Serial: 1429M

Communication System: UID:10773 - AAF, CW; MAIA: Y; Frequency: 1745.000 MHz

Medium: 1750 Head; Medium parameters used:

f = 1745.000 MHz; cond = 1.31 S/m; perm = 39.2; density = 1000 kg/m³

Phantom Section: RightHead; Space: 0.00 mm

Test Date: 11/20/2024; Ambient Temp: 20.9°C; Tissue Temp: 21.9°C

Probe: EX3DV4 - SN7718; ConvF:(7.81,7.9,8.22); Calibrated: 2024-04-17

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

Electronics: DAE4 Sn665; Calibrated: 2024-03-01

Phantom: Twin-SAM V5.0; Serial: 1792

Measurement SW: DASY Module SAR V16.4.0.5005

**Mode: NR Band n66, Antenna F, Exp: Head| Right Tilt, Ch. 349000,
45 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

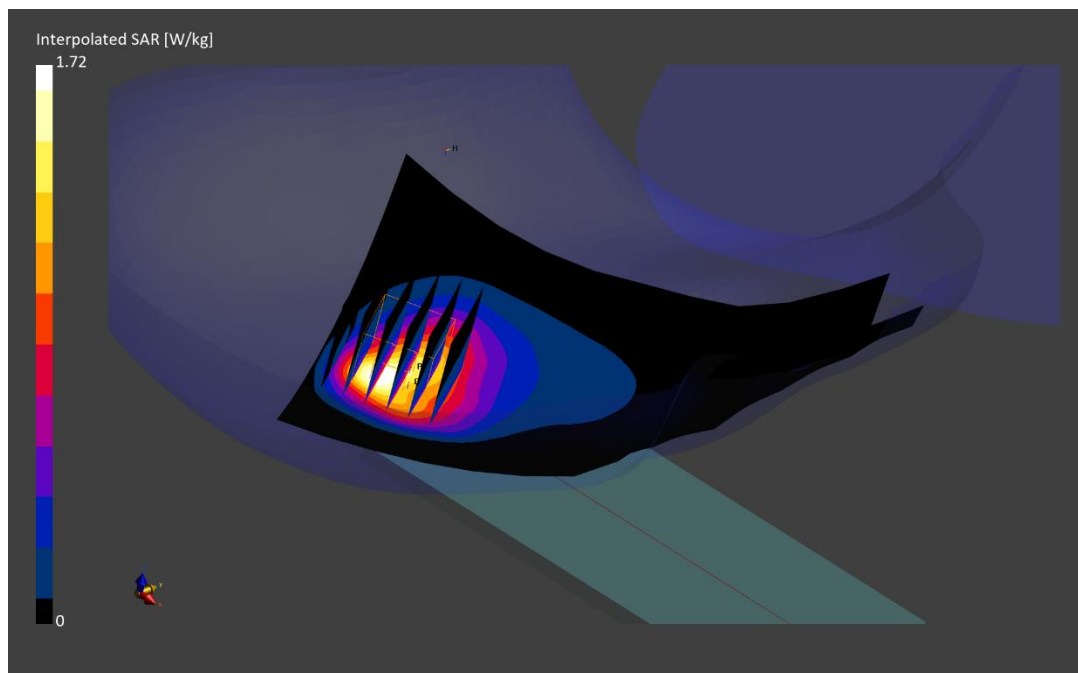
Reference Value = 0.83 W/kg; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 1.72 W/kg

SAR(1 g) = 0.849 W/kg

Smallest distance from peaks to all points 3 dB below is 7.9 mm

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



ELEMENT

DUT: A3LSMS938JPN; Type: Portable Handset; Serial: 1429M

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; $\text{cond} = 1.31$ S/m; $\text{perm} = 39.2$; $\text{density} = 1000$ kg/m³

Phantom Section: Flat; Space: 10.00 mm

Test Date: 11/20/2024; Ambient Temp: 20.9°C; Tissue Temp: 21.9°C

Probe: EX3DV4 - SN7718; ConvF:(7.81,7.9,8.22); Calibrated: 2024-04-17

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

Electronics: DAE4 Sn665; Calibrated: 2024-03-01

Phantom: Twin-SAM V5.0; Serial: 1792

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, 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

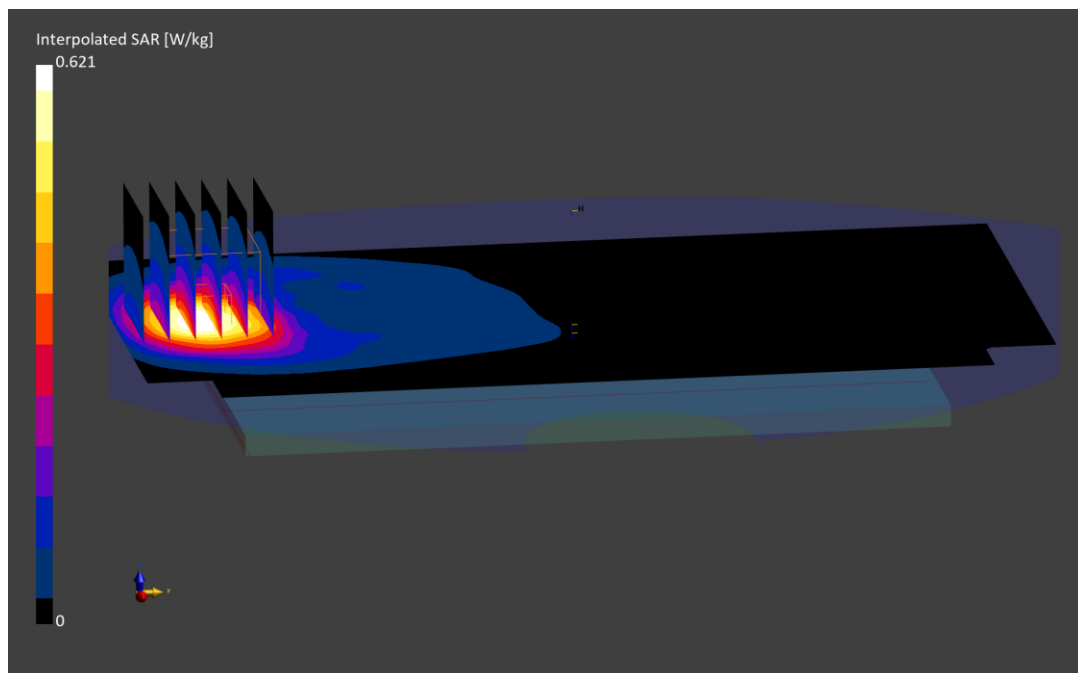
Reference Value = 0.39 W/kg; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.621 W/kg

SAR(1 g) = 0.387 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 = 86.6 %



ELEMENT

DUT: A3LSMS938JPN; Type: Portable Handset; Serial: 1429M

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 = 39.2; density = 1000 kg/m³

Phantom Section: Flat; Space: 10.00 mm

Test Date: 11/20/2024; Ambient Temp: 20.9°C; Tissue Temp: 21.9°C

Probe: EX3DV4 - SN7718; ConvF:(7.81,7.9,8.22); Calibrated: 2024-04-17

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

Electronics: DAE4 Sn665; Calibrated: 2024-03-01

Phantom: Twin-SAM V5.0; Serial: 1792

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, 120 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

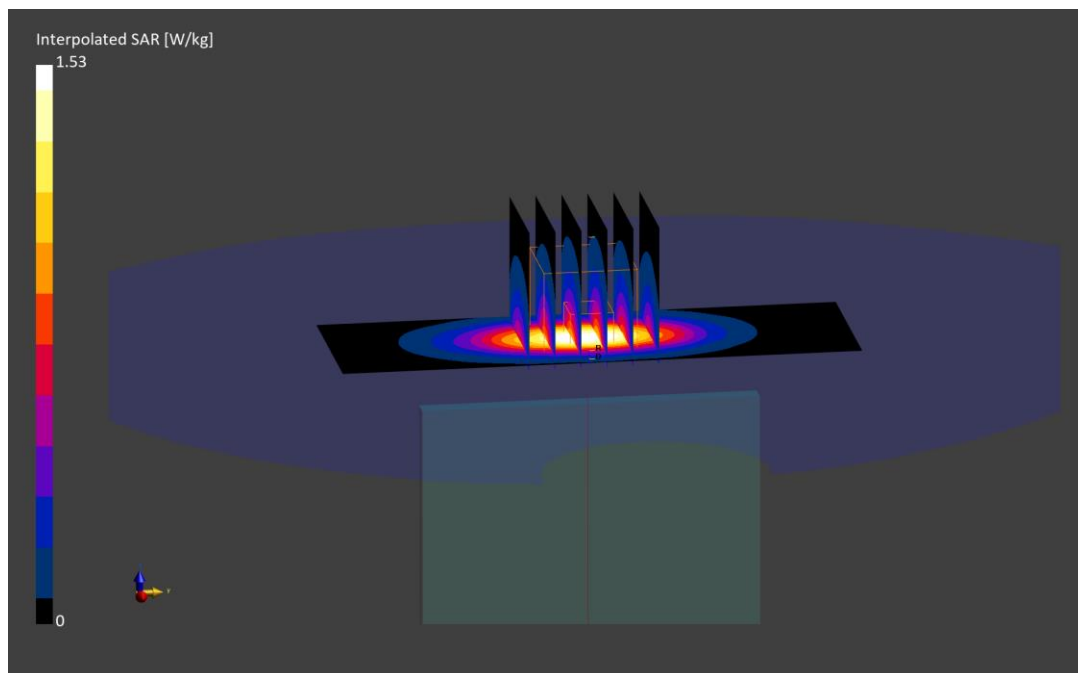
Reference Value = 0.88 W/kg; Power Drift = 0.00 dB

Peak SAR (extrapolated) = 1.53 W/kg

SAR(1 g) = 0.895 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 = 84.3 %



ELEMENT

DUT: A3LSMS938JPN; Type: Portable Handset; Serial: 1431M

Communication System: UID:10803 - AAF, 5G NR FR1 TDD; MAIA: Y; Frequency: 2592.990 MHz

Medium: 2450 Head; Medium parameters used:

f = 2592.990 MHz; cond = 1.94 S/m; perm = 38.0; density = 1000 kg/m³

Phantom Section: RightHead; Space: 0.00 mm

Test Date: 11/11/2024; Ambient Temp: 21.2°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: NR Band n41, Antenna F, Exp: Head| Right Tilt, Ch. 518598,
100 MHz Bandwidth, CP-OFDM QPSK, 1 RB, 1 RB Offset**

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

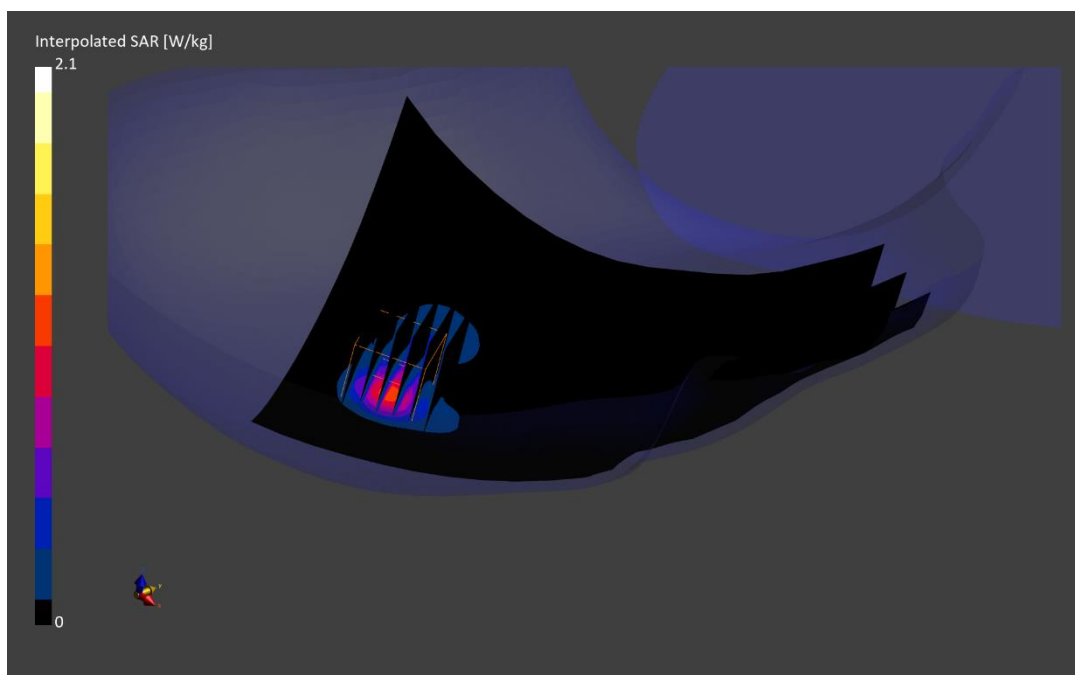
Reference Value = 0.71 W/kg; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 2.10 W/kg

SAR(1 g) = 0.866 W/kg

Smallest distance from peaks to all points 3 dB below is 7.3 mm

Ratio of SAR at M2 to SAR at M1 = 75.8 %



ELEMENT

DUT: A3LSMS938JPN; Type: Portable Handset; Serial: 1428M

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 = 1.93 S/m; perm = 37.5; density = 1000 kg/m³

Phantom Section: Flat; Space: 10.00 mm

Test Date: 11/18/2024; Ambient Temp: 21.0°C; Tissue Temp: 20.1°C

Probe: EX3DV4 - SN7565; ConvF:(7.44,6.36,6.38); 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 n41, Antenna B, Exp: Body-worn | Back Side, Ch. 518598,
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 (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

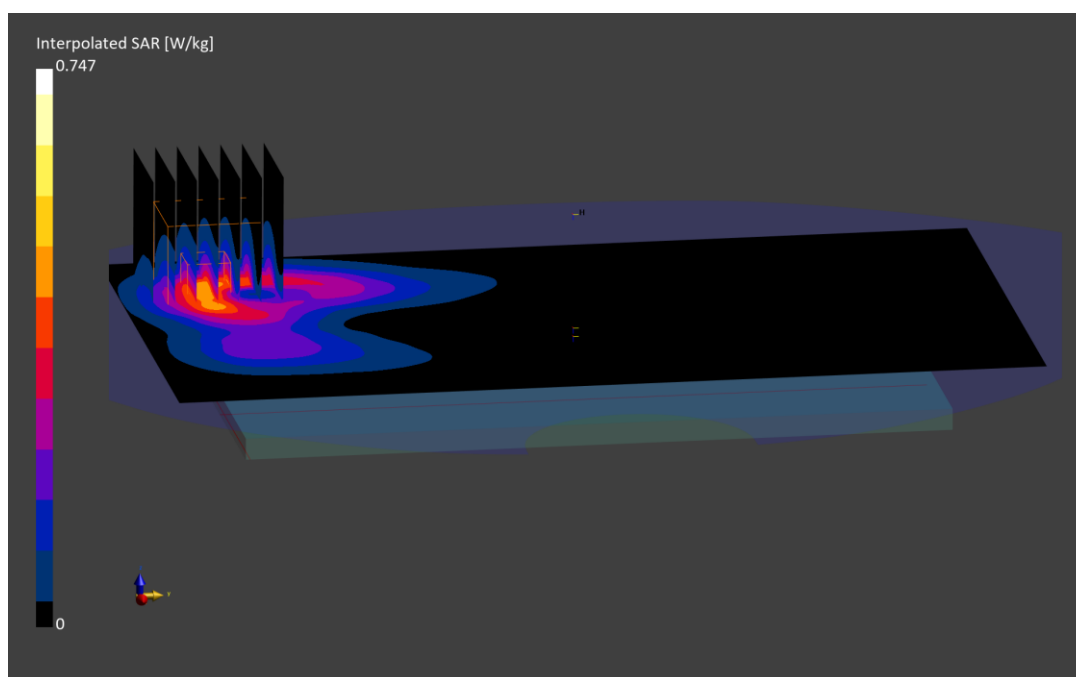
Reference Value = 0.29 W/kg; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 0.747 W/kg

SAR(1 g) = 0.370 W/kg

Smallest distance from peaks to all points 3 dB below is 7.9 mm

Ratio of SAR at M2 to SAR at M1 = 80.9 %



ELEMENT

DUT: A3LSMS938JPN; Type: Portable Handset; Serial: 1428M

Communication System: UID:10803 - AAF, 5G NR FR1 TDD; MAIA: Y; Frequency: 2592.990 MHz

Medium: 2450 Head; Medium parameters used:

f = 2592.990 MHz; cond = 1.93 S/m; perm = 37.5; density = 1000 kg/m³

Phantom Section: Flat; Space: 10.00 mm

Test Date: 11/18/2024; Ambient Temp: 21.0°C; Tissue Temp: 20.1°C

Probe: EX3DV4 - SN7565; ConvF:(7.44,6.36,6.38); 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 n41, Antenna B, Exp: Hotspot| Bottom Edge, Ch. 518598,
100 MHz Bandwidth, CP-OFDM QPSK, 1 RB, 1 RB Offset**

Area Scan (40.0 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

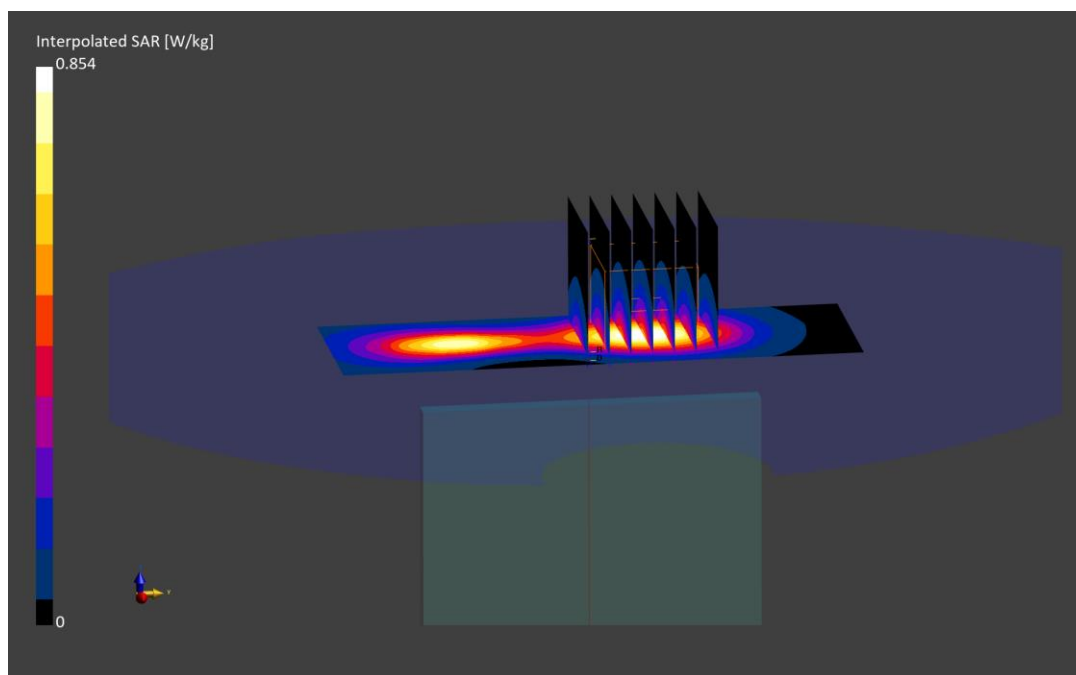
Reference Value = 0.35 W/kg; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.854 W/kg

SAR(1 g) = 0.448 W/kg

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

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



ELEMENT

DUT: A3LSMS938JPN; Type: Portable Handset; Serial: 0629M

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

Medium: 2450 Head; Medium parameters used:

f = 2412.000 MHz; cond = 1.76 S/m; perm = 37.5; density = 1000 kg/m³

Phantom Section: RightHead; Space: 0.00 mm

Test Date: 11/25/2024; Ambient Temp: 20.1°C; Tissue Temp: 19.8°C

Probe: EX3DV4 - SN7565; ConvF:(7.73,6.62,6.61); 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: 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

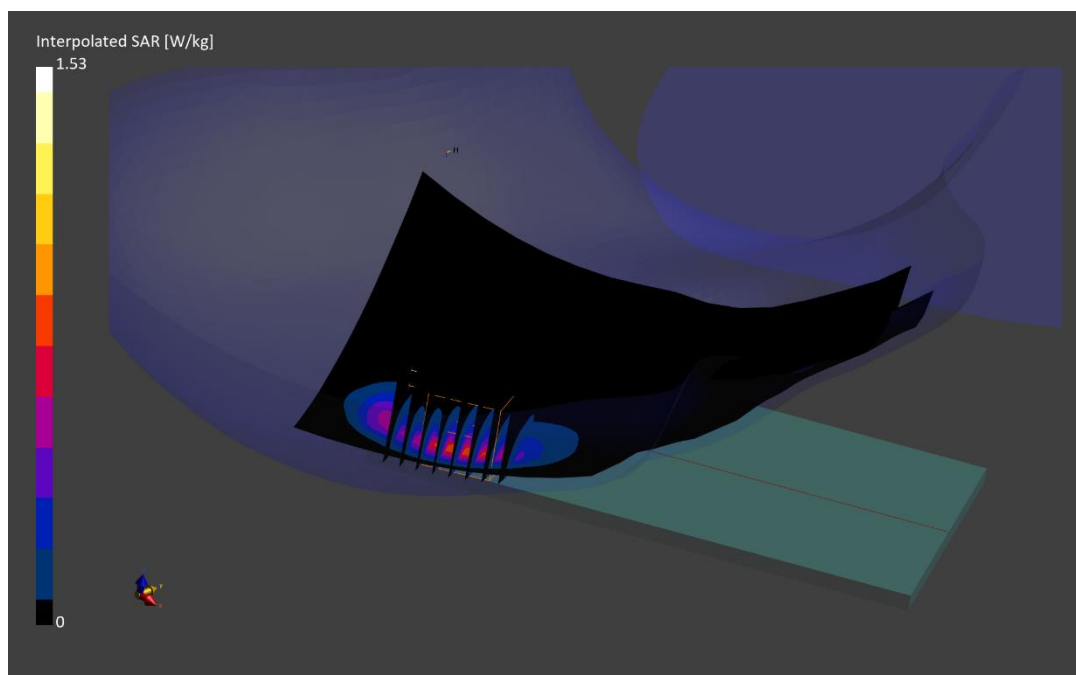
Reference Value = 0.56 W/kg; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 1.53 W/kg

SAR(1 g) = 0.680 W/kg

Smallest distance from peaks to all points 3 dB below is 7.0 mm

Ratio of SAR at M2 to SAR at M1 = 79.2 %



ELEMENT

DUT: A3LSMS938JPN; Type: Portable Handset; Serial: 0629M

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

Medium: 2450 Head; Medium parameters used:

f = 2462.000 MHz; cond = 1.79 S/m; perm = 37.4; density = 1000 kg/m³

Phantom Section: Flat; Space: 10.00 mm

Test Date: 11/25/2024; Ambient Temp: 20.1°C; Tissue Temp: 19.8°C

Probe: EX3DV4 - SN7565; ConvF:(7.73,6.62,6.61); 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: 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

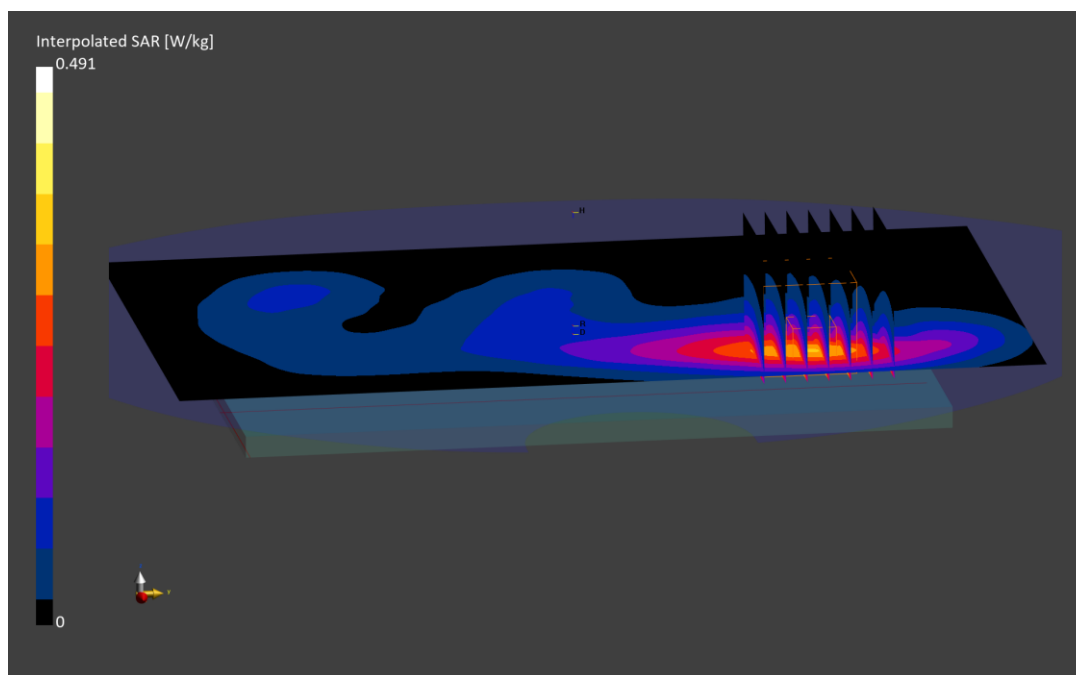
Reference Value = 0.21 W/kg; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.491 W/kg

SAR(1 g) = 0.265 W/kg

Smallest distance from peaks to all points 3 dB below is 13.1 mm

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



ELEMENT

DUT: A3LSMS938JPN; Type: Portable Handset; Serial: 0629M

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

Medium: 2450 Head; Medium parameters used:

f = 2462.000 MHz; cond = 1.79 S/m; perm = 37.4; density = 1000 kg/m³

Phantom Section: Flat; Space: 10.00 mm

Test Date: 11/25/2024; Ambient Temp: 20.1°C; Tissue Temp: 19.8°C

Probe: EX3DV4 - SN7565; ConvF:(7.73,6.62,6.61); 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: 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

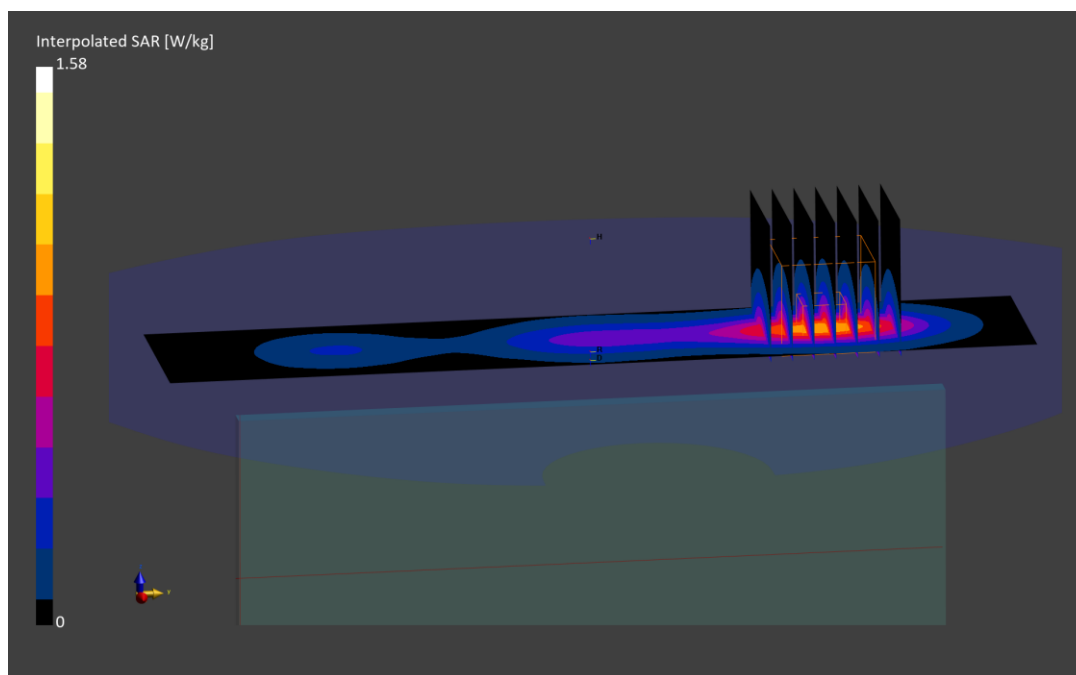
Reference Value = 0.61 W/kg; Power Drift = 0.00 dB

Peak SAR (extrapolated) = 1.58 W/kg

SAR(1 g) = 0.797 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 = 80.6 %



ELEMENT

DUT: A3LSMS938JPN; Type: Portable Handset; Serial: 0629M

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

Medium: 5200-5800 Head; Medium parameters used:

f = 5610.000 MHz; cond = 5.06 S/m; perm = 34.8; density = 1000 kg/m³

Phantom Section: RightHead; Space: 0.00 mm

Test Date: 11/18/2024; Ambient Temp: 20.3°C; Tissue Temp: 19.7°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 (130.0 x 150.0): 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: 1.2

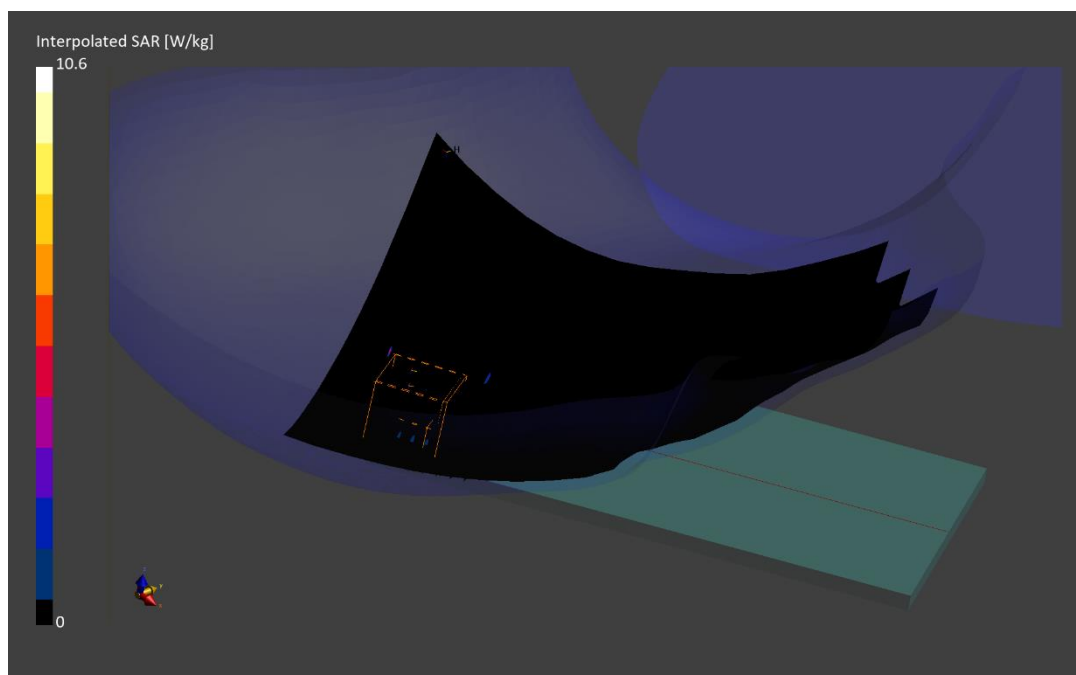
Reference Value = 0.38 W/kg; Power Drift = -0.14 dB

Peak SAR (extrapolated) = 10.6 W/kg

SAR(1 g) = 0.712 W/kg

Smallest distance from peaks to all points 3 dB below is 3.7 mm

Ratio of SAR at M2 to SAR at M1 = 66.2 %



ELEMENT

DUT: A3LSMS938JPN; Type: Portable Handset; Serial: 0629M

Communication System: UID:10544 - AAD, CW; MAIA: Y; Frequency: 5855.000 MHz

Medium: 5200-5800 Head; Medium parameters used:

f = 5855.000 MHz; cond = 5.36 S/m; perm = 34.5; density = 1000 kg/m³

Phantom Section: Flat; Space: 10.00 mm

Test Date: 11/18/2024; Ambient Temp: 20.3°C; Tissue Temp: 19.7°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 E, 80 MHz Bandwidth, U-NII-4, Exp: Body-worn | Back Side, Ch. 171, 29.3 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

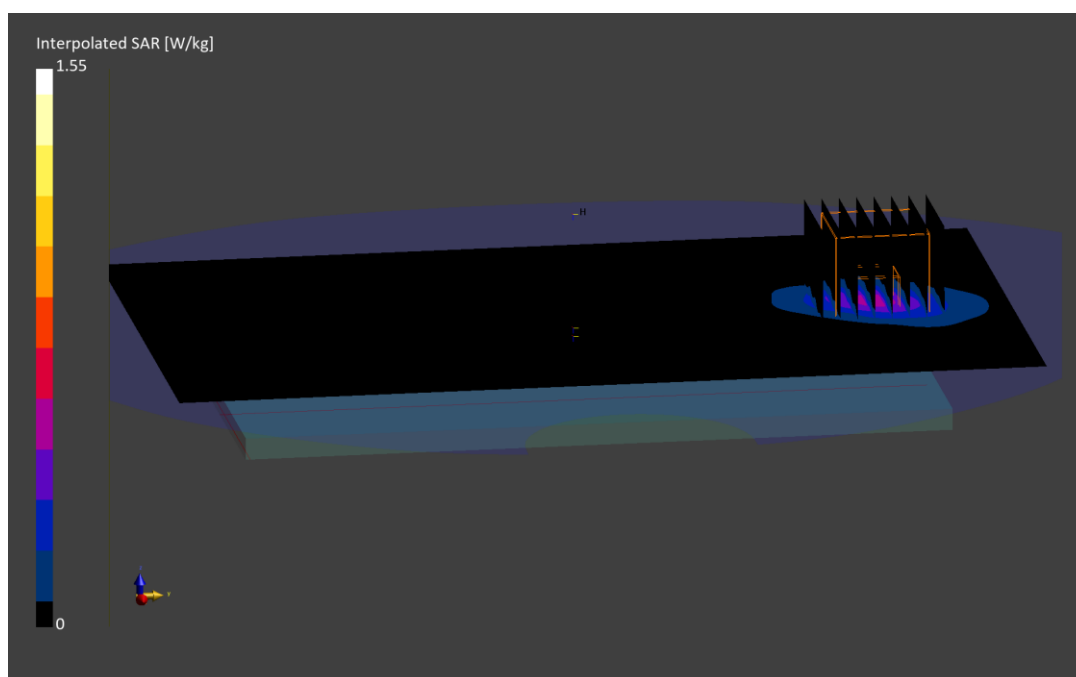
Reference Value = 0.21 W/kg; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 1.56 W/kg

SAR(1 g) = 0.404 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 = 61.2 %



ELEMENT

DUT: A3LSMS938JPN; Type: Portable Handset; Serial: 0629M

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

Medium: 5200-5800 Head; Medium parameters used:

f = 5775.000 MHz; cond = 5.26 S/m; perm = 34.6; density = 1000 kg/m³

Phantom Section: Flat; Space: 10.00 mm

Test Date: 11/18/2024; Ambient Temp: 20.3°C; Tissue Temp: 19.7°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, 29.3 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

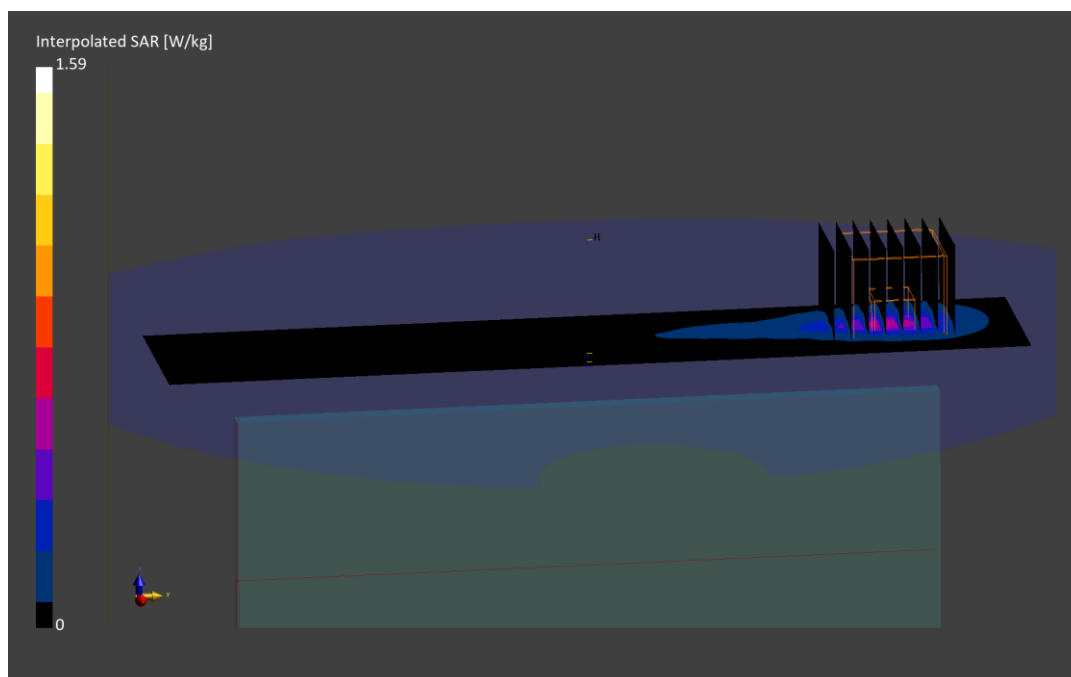
Reference Value = 0.22 W/kg; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 1.59 W/kg

SAR(1 g) = 0.405 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 = 61.0 %



ELEMENT

DUT: A3LSMS938JPN; Type: Portable Handset; Serial: 0629M

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

Medium: 5200-5800 Head; Medium parameters used:

f = 5610.000 MHz; cond = 5.06 S/m; perm = 34.8; density = 1000 kg/m³

Phantom Section: Flat; Space: 0.00 mm

Test Date: 11/18/2024; Ambient Temp: 20.3°C; Tissue Temp: 19.7°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, 29.3 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

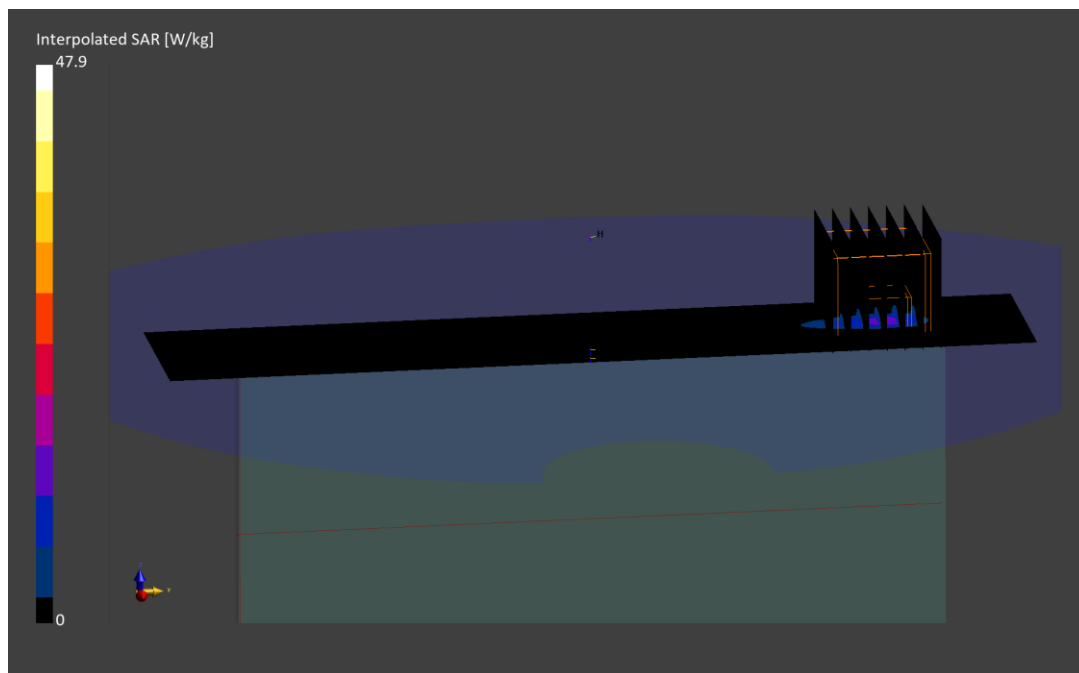
Reference Value = 4.89 W/kg; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 47.9 W/kg

SAR(10 g) = 1.88 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 = 63.2 %



ELEMENT

DUT: A3LSMS938JPN; Type: Portable Handset; Serial 0584M

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

Medium: 6000 Head; Medium parameters used:

f = 6285.000 MHz; cond = 5.96 S/m; perm = 34.1; density = 1000 kg/m³

Phantom Section: RightHead; Space: 0.00 mm

Test Date: 11/18/2024; Ambient Temp: 21.8°C; Tissue Temp: 20.6°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-7, Exp: Head|
Right Cheek, Ch. 67, 16.3 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

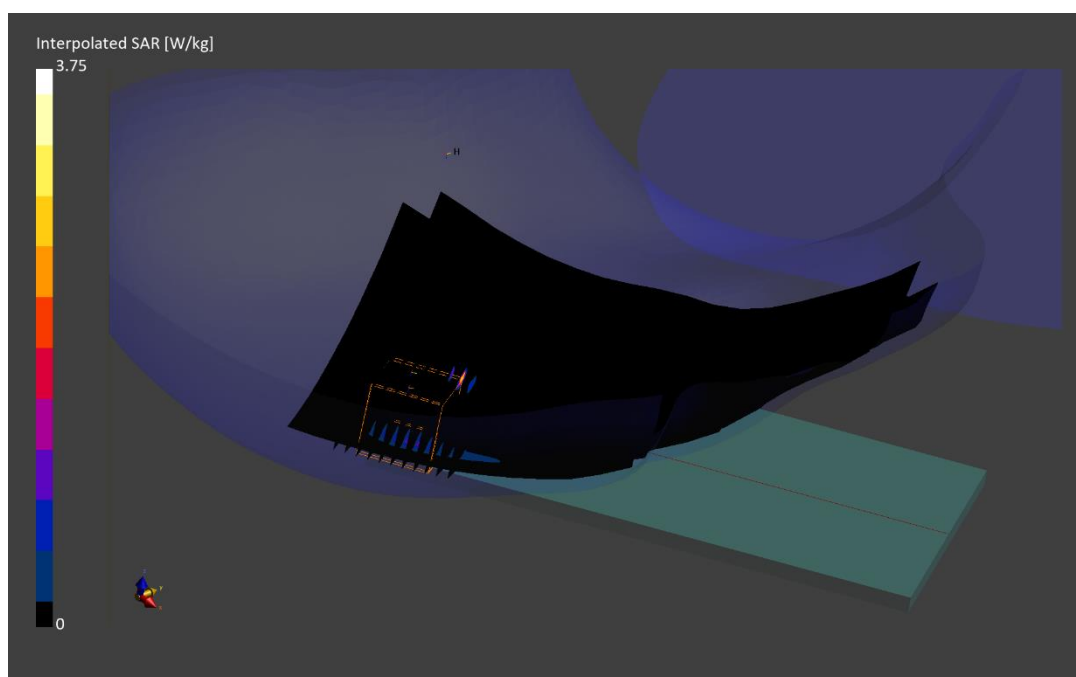
Reference Value = 0.52 W/kg; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 3.75 W/kg

SAR(1 g) = 0.670 W/kg; APD(4cm²) = 3.98 W/m²

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

Ratio of SAR at M2 to SAR at M1 = 52.8 %



ELEMENT

DUT: A3LSMS938JPN; Type: Portable Handset; Serial 0584M

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

Medium: 6000 Head; Medium parameters used:

f = 6025.000 MHz; cond = 5.62 S/m; perm = 34.7; density = 1000 kg/m³

Phantom Section: Flat; Space: 10.00 mm

Test Date: 11/18/2024; Ambient Temp: 21.8°C; Tissue Temp: 20.6°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 E, 160 MHz Bandwidth, U-NII-5,
Exp: Body-worn| Back Side, Ch. 15, 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

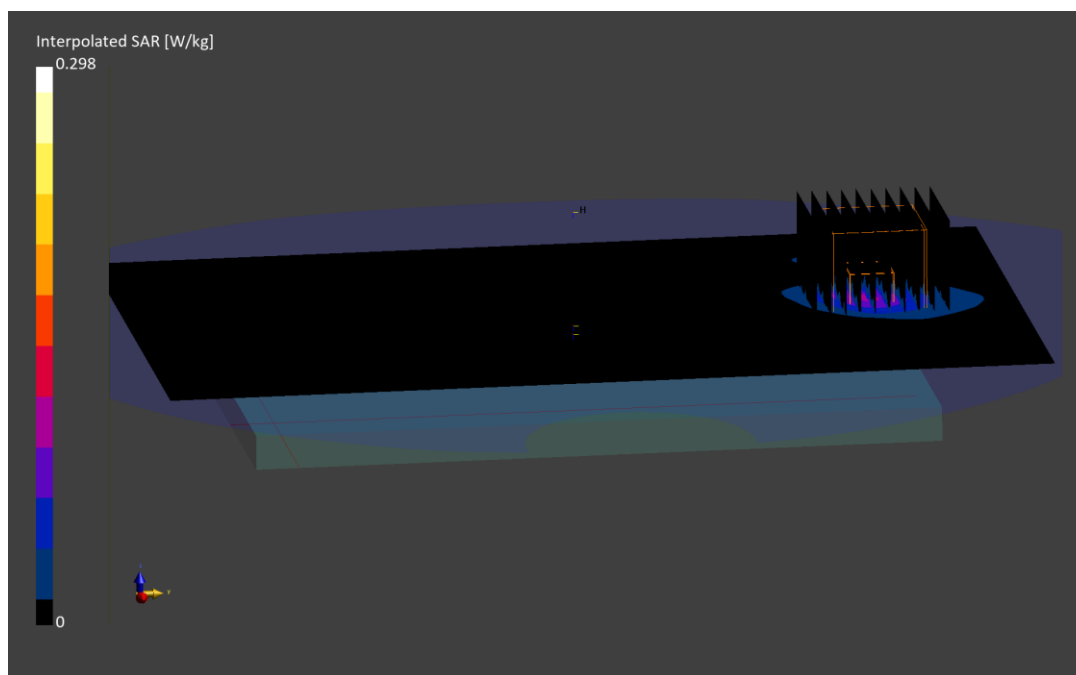
Reference Value = 0.06 W/kg; Power Drift = 0.09 dB

Peak SAR (extrapolated) = 0.298 W/kg

SAR(1 g) = 0.067 W/kg; APD(4cm²) = 0.521 W/m²

Smallest distance from peaks to all points 3 dB below is 8.6 mm

Ratio of SAR at M2 to SAR at M1 = 58.5 %



ELEMENT

DUT: A3LSMS938JPN; Type: Portable Handset; Serial: 0584M

Communication System: UID:10755 - AAC, WLAN; MAIA: Y; Frequency: 6505.000 MHz

Medium: 6000 Head; Medium parameters used:

f = 6505.000 MHz; cond = 6.21 S/m; perm = 33.8; density = 1000 kg/m³

Phantom Section: Flat; Space: 0.00 mm

Test Date: 11/18/2024; Ambient Temp: 21.8°C; Tissue Temp: 20.6°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, 160 MHz Bandwidth, U-NII-6, Exp:
Phablet| Left Edge, Ch. 111, 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=3.4 mm, dy=3.4 mm, dz=1.4 mm; Graded Ratio: 1.4

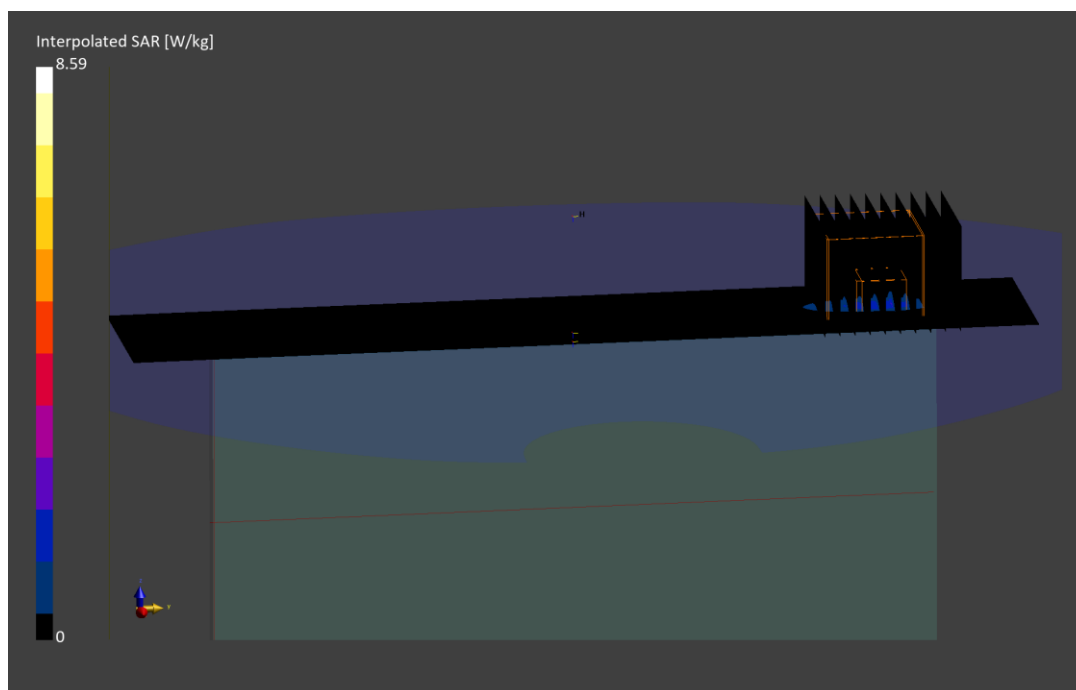
Reference Value = 1.07 W/kg; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 8.59 W/kg

SAR(10 g) = 0.313 W/kg; APD(4cm²) = 7.39 W/m²

Smallest distance from peaks to all points 3 dB below is 4.4 mm

Ratio of SAR at M2 to SAR at M1 = 54.7 %



ELEMENT

DUT: A3LSMS938JPN; Type: Portable Handset; Serial: 0629M

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

Medium: 2450 Head; Medium parameters used:

f = 2441.000 MHz; cond = 1.85 S/m; perm = 38.0; density = 1000 kg/m³

Phantom Section: RightHead; Space: 0.00 mm

Test Date: 11/22/2024; Ambient Temp: 21.9°C; Tissue Temp: 21.1°C

Probe: EX3DV4 - SN7565; ConvF:(7.73,6.62,6.61); 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: 2.4 GHz Bluetooth, Antenna H, Exp: Head| Right Cheek, Ch. 39, 1 Mbps

Area Scan (130.0 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

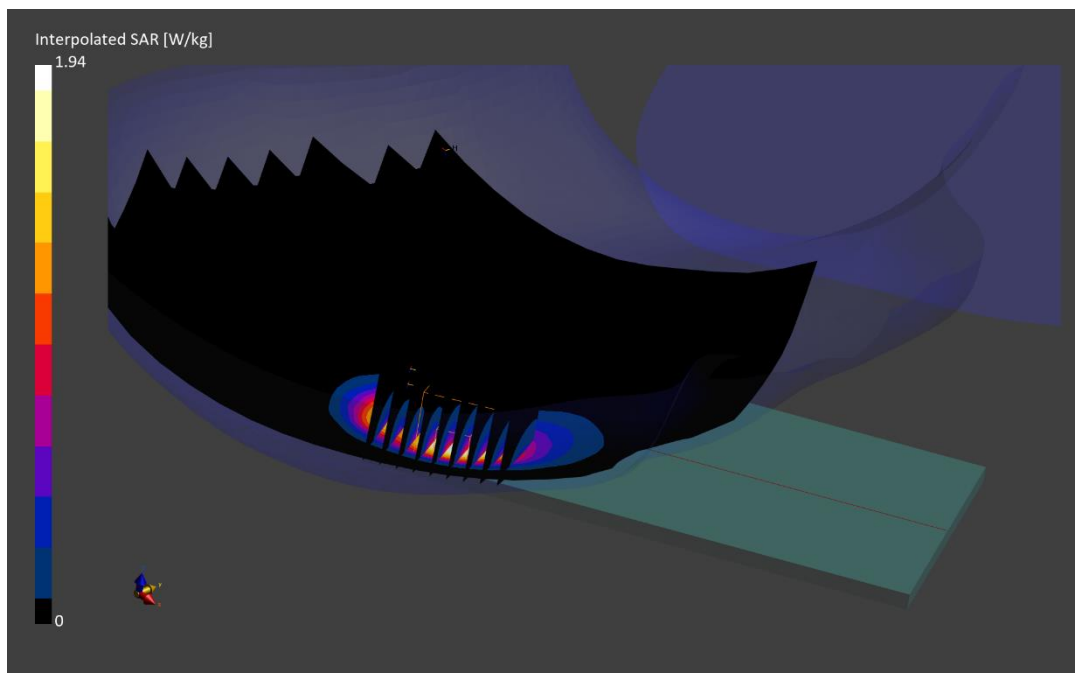
Reference Value = 0.65 W/kg; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 1.94 W/kg

SAR(1 g) = 0.805 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 = 76.4 %



ELEMENT

DUT: A3LSMS938JPN; Type: Portable Handset; Serial: 0629M

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

Medium: 2450 Head; Medium parameters used:

f = 2441.000 MHz; cond = 1.85 S/m; perm = 38.0; density = 1000 kg/m³

Phantom Section: Flat; Space: 10.00 mm

Test Date: 11/22/2024; Ambient Temp: 21.9°C; Tissue Temp: 21.1°C

Probe: EX3DV4 - SN7565; ConvF:(7.73,6.62,6.61); 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: 2.4 GHz Bluetooth, Antenna H, Exp: Body-worn | Back Side, 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

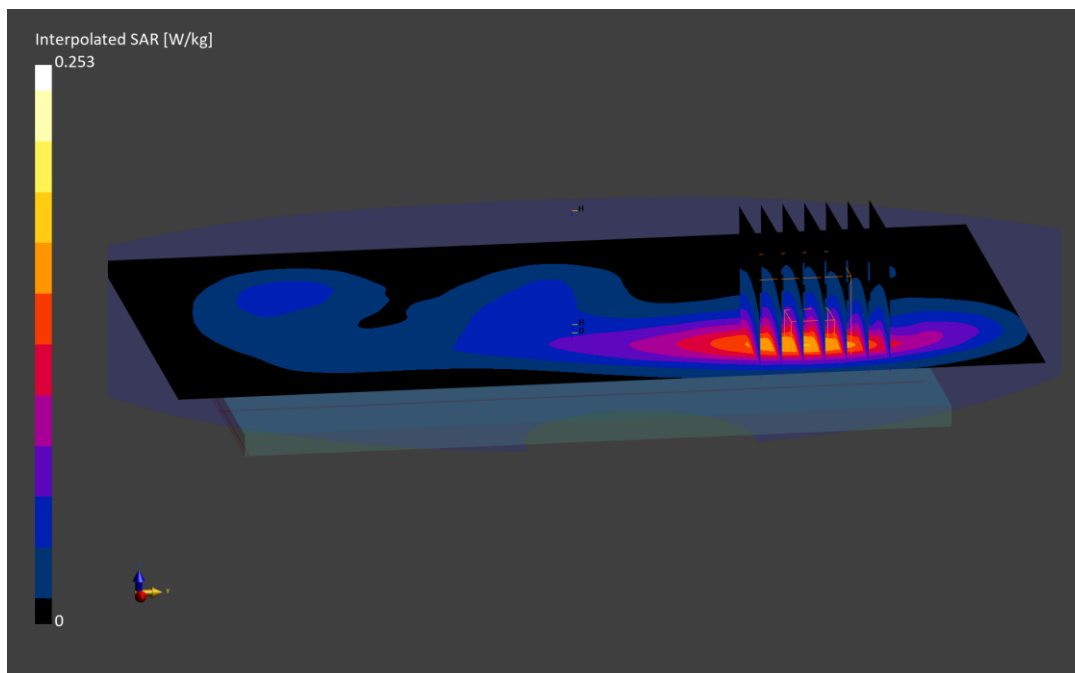
Reference Value = 0.11 W/kg; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.253 W/kg

SAR(1 g) = 0.138 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 = 82.4 %



ELEMENT

DUT: A3LSMS938JPN; Type: Portable Handset; Serial: 0629M

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

Medium: 2450 Head; Medium parameters used:

f = 2441.000 MHz; cond = 1.85 S/m; perm = 38.0; density = 1000 kg/m³

Phantom Section: Flat; Space: 10.00 mm

Test Date: 11/22/2024; Ambient Temp: 21.9°C; Tissue Temp: 21.1°C

Probe: EX3DV4 - SN7565; ConvF:(7.73,6.62,6.61); 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: 2.4 GHz Bluetooth, Antenna H, Exp: Hotspot| Left Edge, Ch. 39, 1 Mbps

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

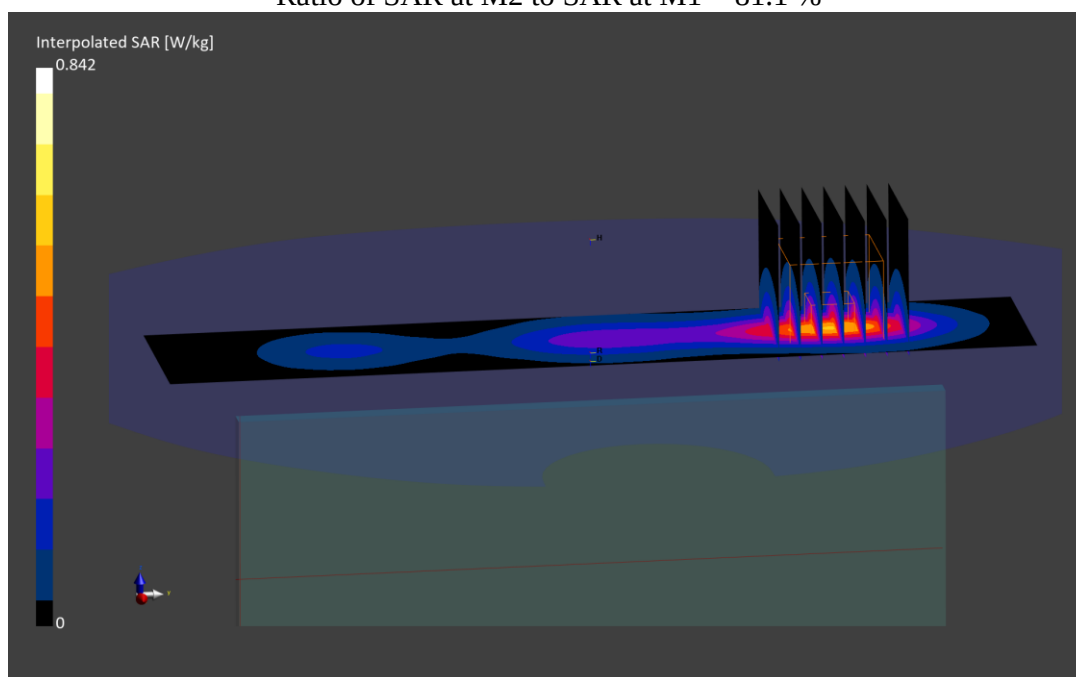
Reference Value = 0.33 W/kg; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 0.842 W/kg

SAR(1 g) = 0.430 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 = 81.1 %



ELEMENT

DUT: A3LSMS938JPN; Type: Portable Handset; Serial: 0501M

Communication System: UID:0 - -, CW; MAIA: Y; Frequency: 7987.200 MHz

Medium: 6000 Head; Medium parameters used:

f = 7987.200 MHz; cond = 7.64 S/m; perm = 32.0; density = 1000 kg/m³

Phantom Section: Flat; Space: 0.00 mm

Test Date: 11/20/2024; Ambient Temp: 21.5°C; Tissue Temp: 21.0°C

Probe: EX3DV4 - SN7527; ConvF:(5.33,4.76,5.57); 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, Phablet SAR, Front Side, Ch. 9

Area Scan (120.0 x 195.0): Measurement grid: dx=7.5 mm, dy=7.5 mm

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

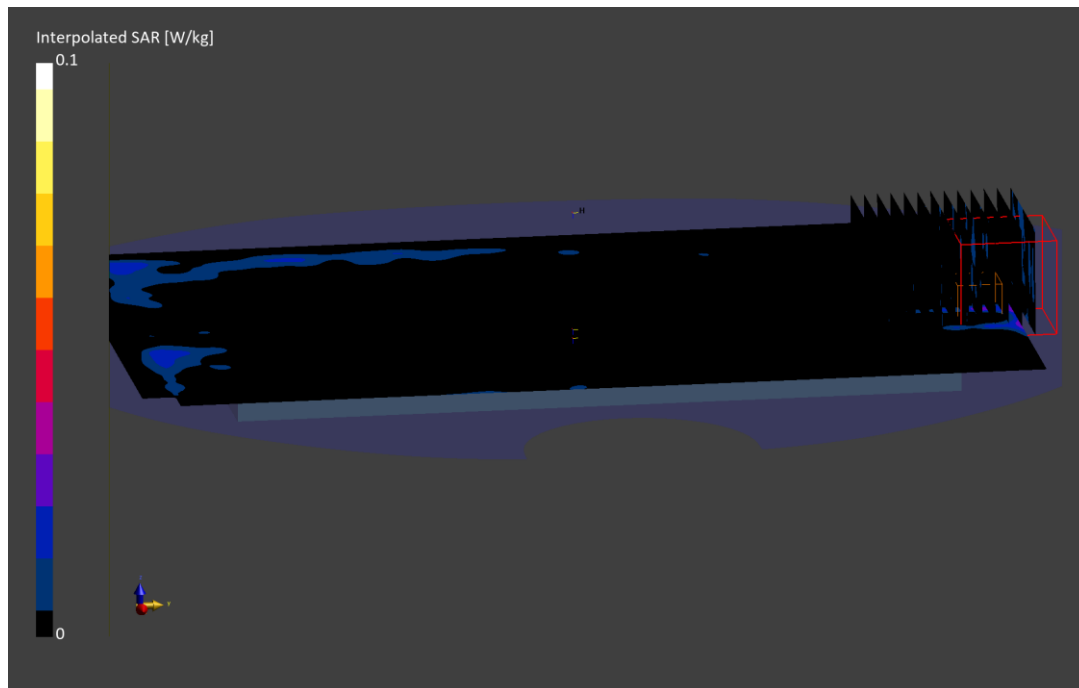
Reference Value = -0.01 W/kg; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 0.018 W/kg

SAR(10 g) = 0.001 W/kg APD(4cm²) = 0.024 W/m²

Smallest distance from peaks to all points 3 dB below is 0.6 mm

Ratio of SAR at M2 to SAR at M1 = N/A %



ELEMENT

DUT: A3LSMS938JPN; Type: Portable Handset; Serial: 1442M

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

Medium: 13 Head; Medium parameters used:

f = 13.600 MHz; cond = 0.746 S/m; perm = 52.9; density = 1000 kg/m³

Phantom Section: Flat; Space: 0.00 mm

Test Date: 11/25/2024; Ambient Temp: 24.5°C; Tissue Temp: 21.5°C

Probe: EX3DV4 - SN7713; ConvF:(16.75,16.75,16.75); Calibrated: 2024-01-17

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

Electronics: DAE4 Sn1530; Calibrated: 2024-01-16

Phantom: ELI V8.0; Serial: 2077

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

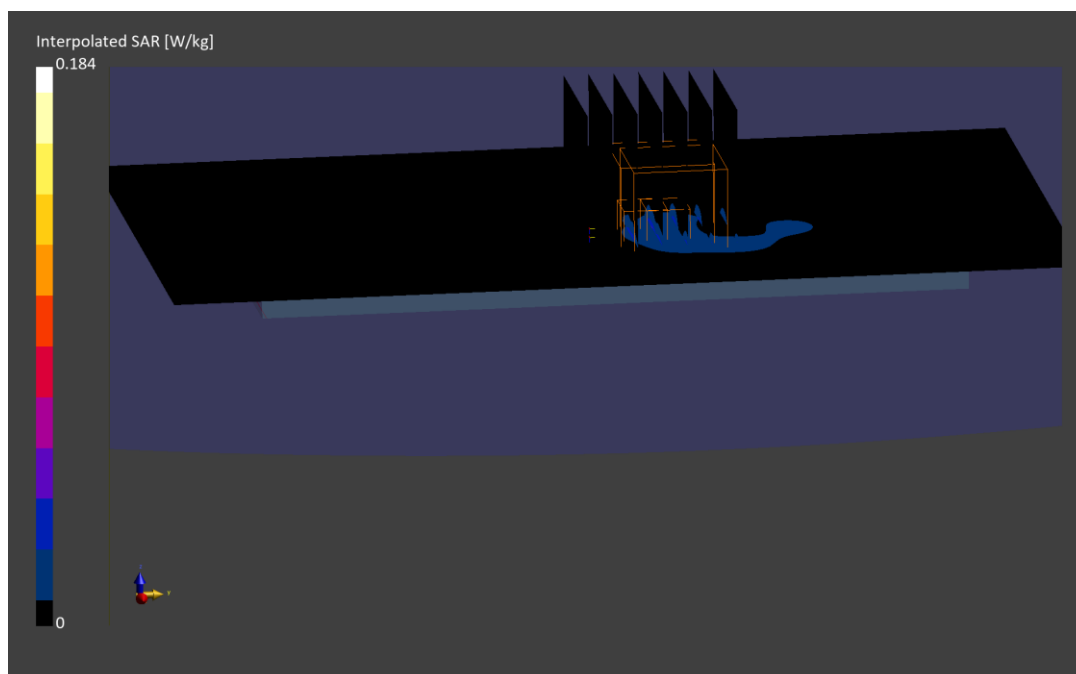
Reference Value = 0.05 W/kg; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 0.184 W/kg

SAR(10 g) = 0.014 W/kg

Smallest distance from peaks to all points 3 dB below is 3.6 mm

Ratio of SAR at M2 to SAR at M1 = 52.9 %



Date: 11-19-2024

Mode: 6 GHz WIFI/ IEEE 802.11ax, Antenna MIMO, 40 MHz Bandwidth, U-NII-7, Exp: Front Side, Ch. 147, 32.5 Mbps

Device Under Test Properties

DUT	Serial Number	DUT Type
A3LSMS938JPN	1433M	Portable Handset

Exposure Conditions

Phantom Section	Position	Test Distance [mm]	Channel	Group, UID	Frequency [MHz]
5G	Front	2.00	147	10707	6685.0

Hardware Setup

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

Software Setup

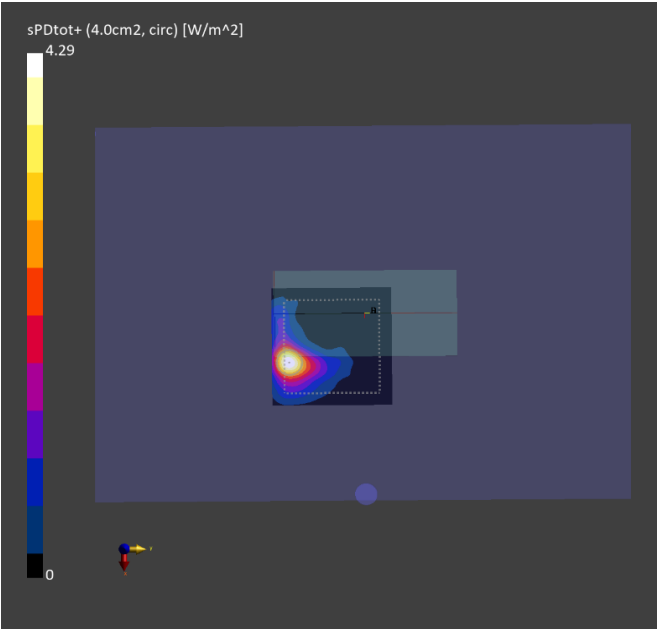
Software	Software Version
cDASY6 Module mmWave	3.2.0.1840

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]	4.28
pS _n avg [W/m²]	3.91
E _{peak} [V/m]	44.0
Power Drift [dB]	0.19



Date: 2024-11-25

UWB

Device Under Test Properties

DUT	Serial Number	DUT Type
A3LSMS938JPN	0501M	Portable Handset

Exposure Conditions

Phantom Section	Position	Test Distance [mm]	Channel	Group, UID	Frequency [MHz]
5G	BACK	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]	1.29
pS _n avg [W/m²]	1.23
E _{peak} [V/m]	27.4
Power Drift [dB]	0.10

