

APPENDIX A: SAR TEST PLOTS

ELEMENT

DUT: A3LSMA356U; Type: Portable Handset; Serial: 3707M

Communication System: UID:10021 - DAC, GSM; MAIA: Y; Frequency: 848.8 MHz

Medium: 835 Head; Medium parameters used:

$f = 848.8$ MHz; $\text{cond} = 0.931$ S/m; $\text{perm} = 40.7$; $\text{density} = 1000$ kg/m³

Phantom Section: RightHead; Space: 0.00 mm

Test Date: 11/15/2023; Ambient Temp: 21.5°C; Tissue Temp: 21.5°C

Probe: EX3DV4 - SN7640; ConvF:(10.56,10.56,10.56); Calibrated: 2023-02-10

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

Electronics: DAE4 Sn1645; Calibrated: 2023-02-16

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

Measurement SW: DASY Module SAR V16.2.0.1425

Mode: GSM 850, 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

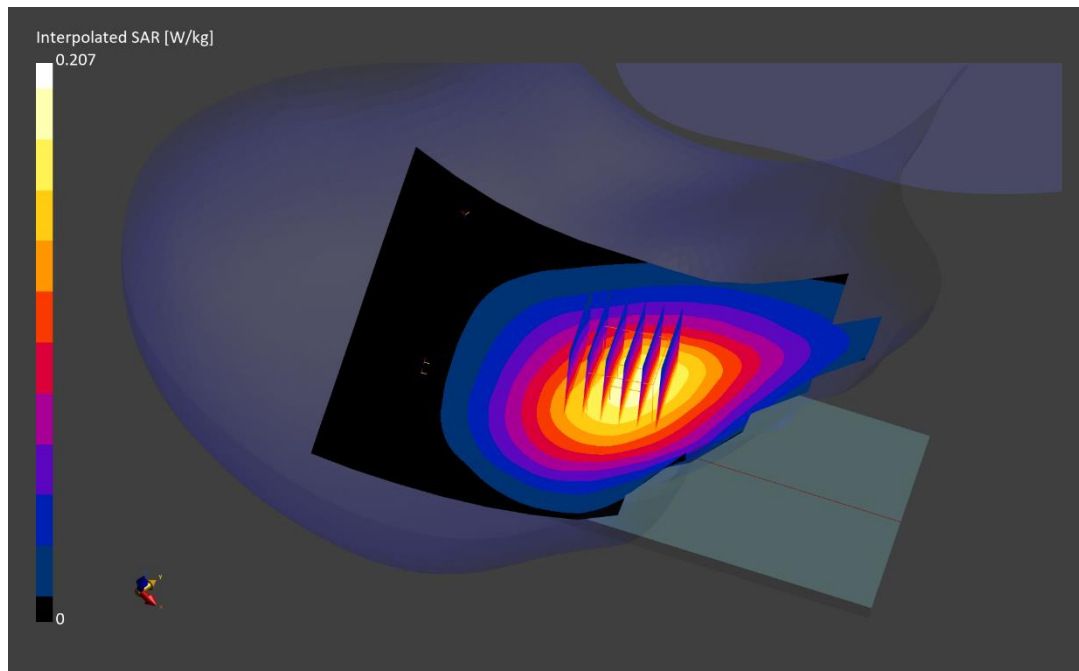
Reference Value = 0.14 W/kg; Power Drift = 0.00 dB

Peak SAR (extrapolated) = 0.207 W/kg

SAR(1 g) = 0.156 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 = 90.6 %



ELEMENT

DUT: A3LSMA356U; Type: Portable Handset; Serial: 3431M

Communication System: UID:10021 - DAC, GSM; MAIA: Y; Frequency: 848.8 MHz

Medium: 835 Head; Medium parameters used:

$f = 848.8$ MHz; $\text{cond} = 0.920$ S/m; $\text{perm} = 42.7$; $\text{density} = 1000$ kg/m³

Phantom Section: Flat; Space: 15.00 mm

Test Date: 12/13/2023; Ambient Temp: 21.0°C; Tissue Temp: 22.0°C

Probe: EX3DV4 - SN7570; ConvF:(9.92,9.92,9.92); Calibrated: 2023-01-11

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

Electronics: DAE4 Sn1558; Calibrated: 2023-01-17

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

Measurement SW: DASY Module SAR V16.2.0.1425

Mode: GSM 850, 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

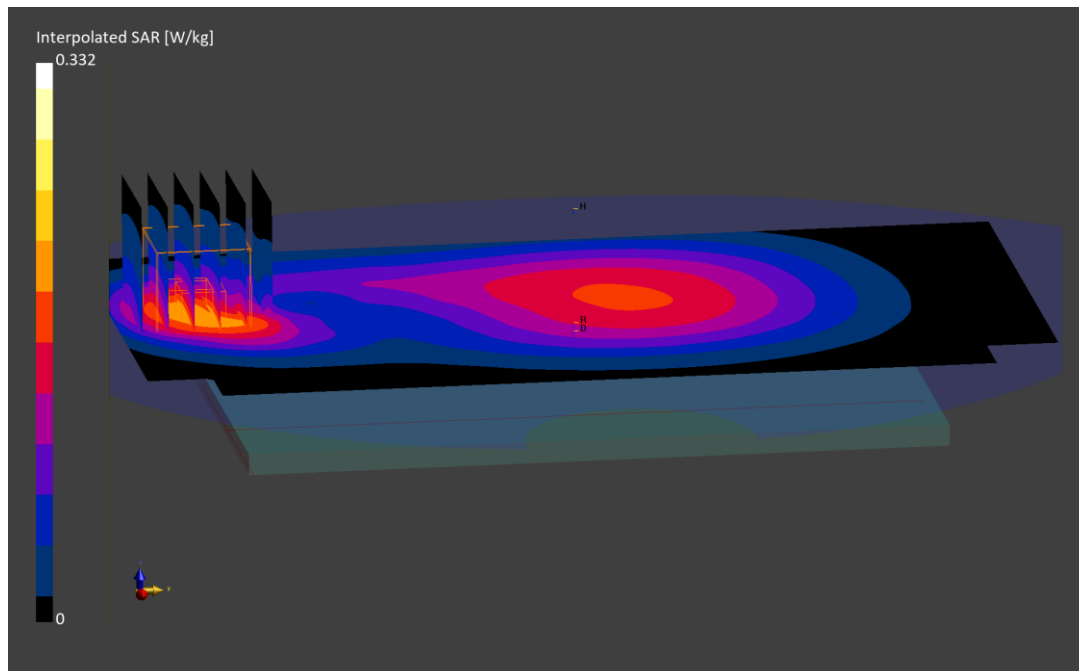
Reference Value = 0.18 W/kg; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 0.332 W/kg

SAR(1 g) = 0.195 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 = 83.6 %



ELEMENT

DUT: A3LSMA356U; Type: Portable Handset; Serial: 3707M

Communication System: UID:10028 - DAC, GSM; MAIA: Y; Frequency: 824.2 MHz

Medium: 835 Head; Medium parameters used:

f = 824.2 MHz; cond = 0.921 S/m; perm = 40.8; density = 1000 kg/m³

Phantom Section: Flat; Space: 10.00 mm

Test Date: 11/15/2023; Ambient Temp: 21.5°C; Tissue Temp: 21.5°C

Probe: EX3DV4 - SN7640; ConvF:(10.56,10.56,10.56); Calibrated: 2023-02-10

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

Electronics: DAE4 Sn1645; Calibrated: 2023-02-16

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

Measurement SW: DASY Module SAR V16.2.0.1425

Mode: GPRS 850, Antenna A, Exp: Hotspot| Back Side, Ch. Low, 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

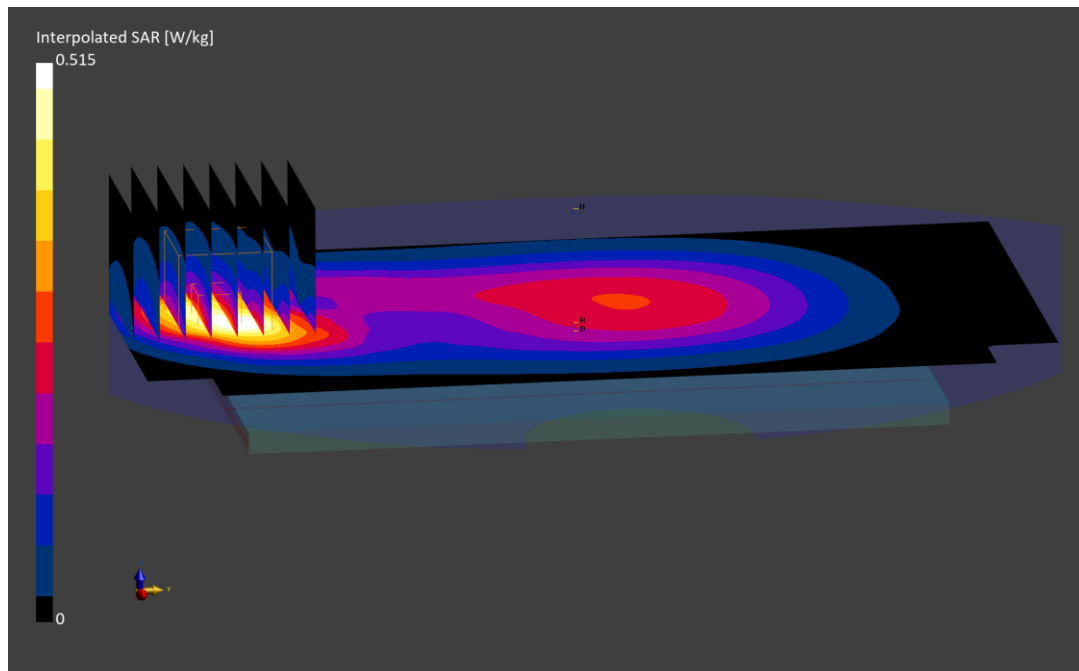
Reference Value = 0.22 W/kg; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 0.515 W/kg

SAR(1 g) = 0.275 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 = 81.1 %



ELEMENT

DUT: A3LSMA356U; Type: Portable Handset; Serial: 3658M

Communication System: UID:10021 - DAC, GSM; MAIA: Y; Frequency: 1850.2 MHz

Medium: 1900 Head; Medium parameters used:

$f = 1850.2$ MHz; $\text{cond} = 1.34$ S/m; $\text{perm} = 40.6$; $\text{density} = 1000$ kg/m³

Phantom Section: LeftHead; Space: 0.00 mm

Test Date: 12/13/2023; Ambient Temp: 20.1°C; Tissue Temp: 20.1°C

Probe: EX3DV4 - SN7659; ConvF:(9.09,9.09,9.09); Calibrated: 2023-04-14

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

Electronics: DAE4 Sn1407; Calibrated: 2023-04-14

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

Measurement SW: DASY Module SAR V16.2.0.1425

Mode: GSM 1900, Antenna B, 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

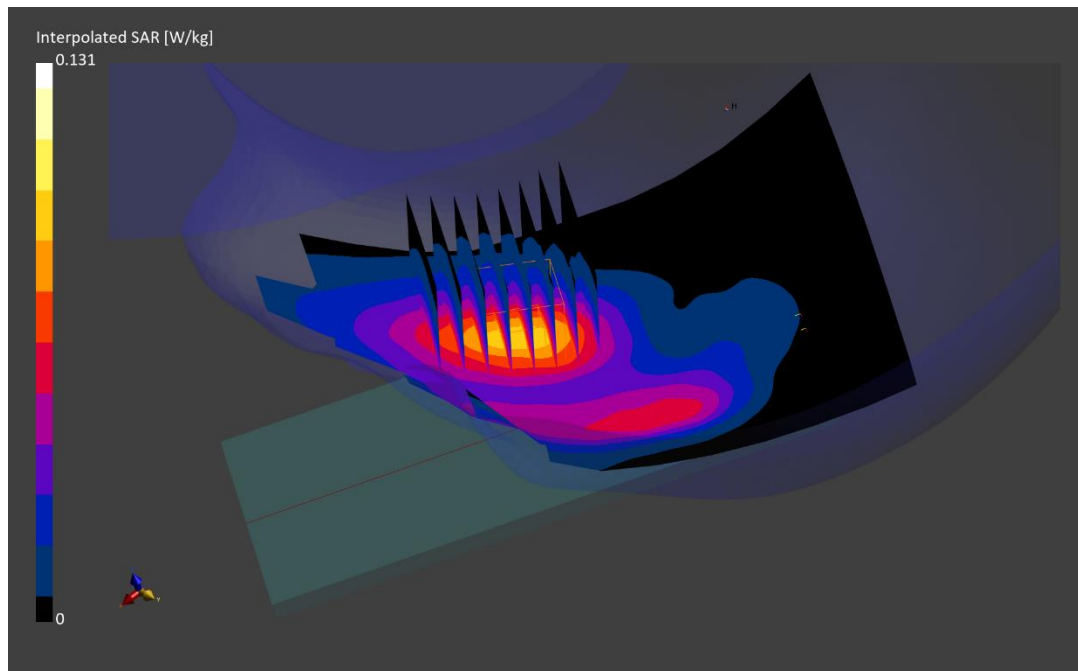
Reference Value = 0.08 W/kg; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 0.131 W/kg

SAR(1 g) = 0.087 W/kg

Smallest distance from peaks to all points 3 dB below is 14.0 mm

Ratio of SAR at M2 to SAR at M1 = 89.2 %



ELEMENT

DUT: A3LSMA356U; Type: Portable Handset; Serial: 3616M

Communication System: UID:10021 - DAC, GSM; MAIA: Y; Frequency: 1850.2 MHz

Medium: 1900 Head; Medium parameters used:

f = 1850.2 MHz; cond = 1.37 S/m; perm = 39.1; density = 1000 kg/m³

Phantom Section: Flat; Space: 15.00 mm

Test Date: 12/18/2023; Ambient Temp: 20.1°C; Tissue Temp: 20.0°C

Probe: EX3DV4 - SN7409; ConvF:(8.2,8.2,8.2); Calibrated: 2023-06-15

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

Electronics: DAE4 Sn1334; Calibrated: 2023-06-15

Phantom: Twin-SAM V8.0; Serial: 1630

Measurement SW: DASY Module SAR V16.2.0.1425

Mode: GSM 1900, Antenna B, 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

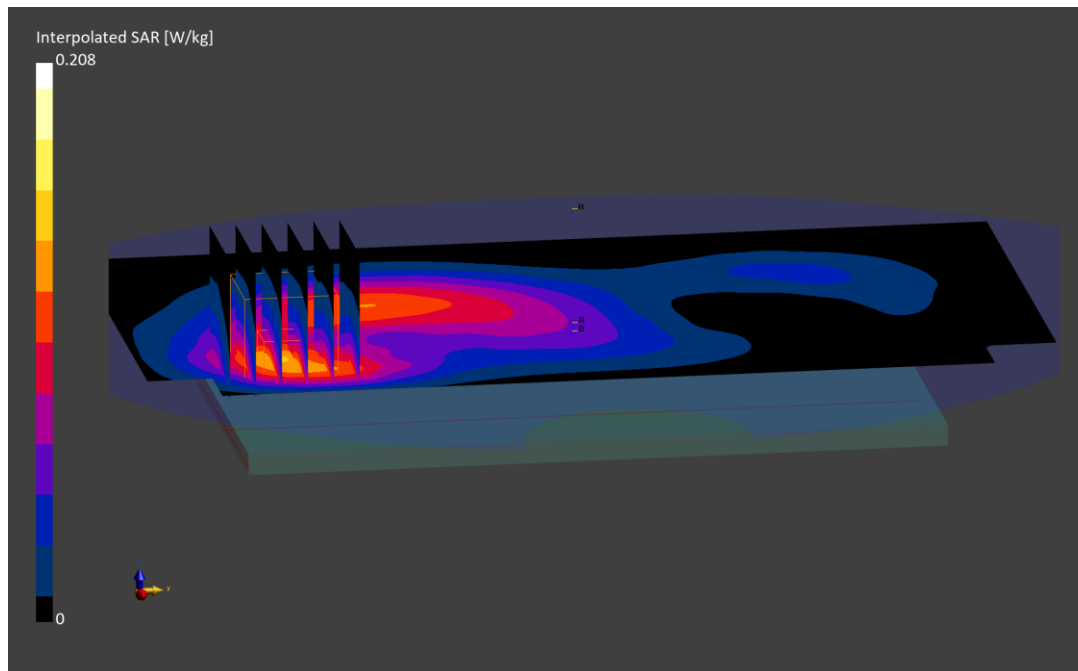
Reference Value = 0.12 W/kg; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 0.208 W/kg

SAR(1 g) = 0.116 W/kg

Smallest distance from peaks to all points 3 dB below is 13.0 mm

Ratio of SAR at M2 to SAR at M1 = 82.2 %



ELEMENT

DUT: A3LSMA356U; Type: Portable Handset; Serial: 3647M

Communication System: UID:10028 - DAC, GSM; MAIA: Y; Frequency: 1850.2 MHz

Medium: 1900 Head; Medium parameters used:

f = 1850.2 MHz; cond = 1.41 S/m; perm = 38.2; density = 1000 kg/m³

Phantom Section: Flat; Space: 10.00 mm

Test Date: 11/17/2023; Ambient Temp: 21.7°C; Tissue Temp: 21.5°C

Probe: EX3DV4 - SN7491; ConvF:(8.27,8.27,8.27); Calibrated: 2023-06-08

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

Electronics: DAE4 Sn1532; Calibrated: 2023-06-15

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

Measurement SW: DASY Module SAR V16.2.0.1425

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

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

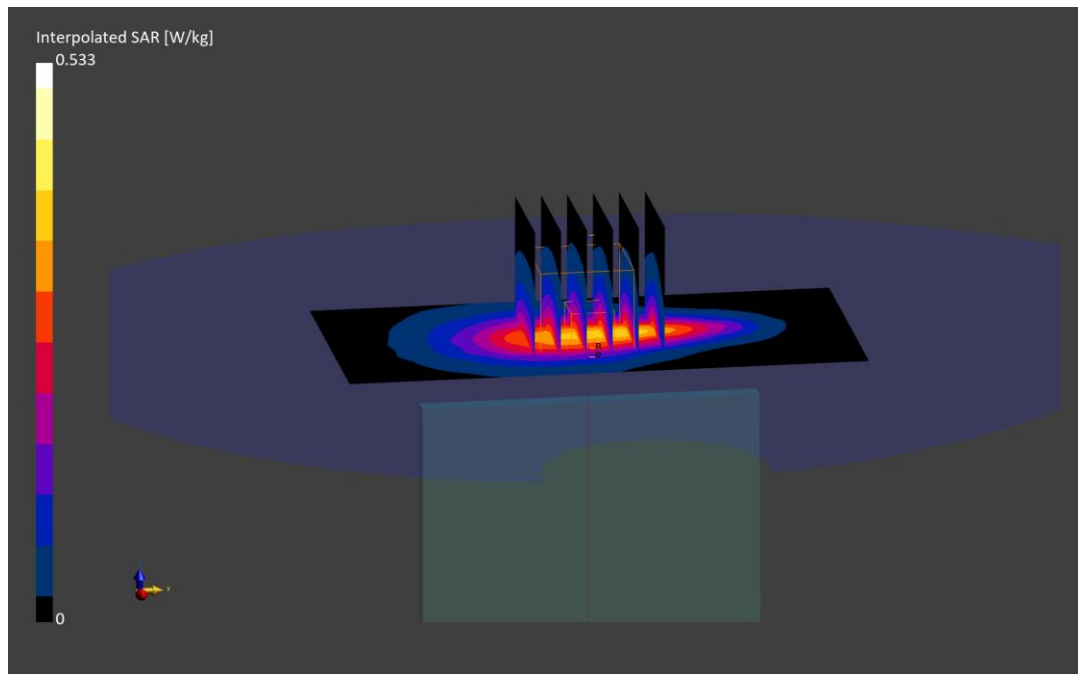
Reference Value = 0.26 W/kg; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 0.533 W/kg

SAR(1 g) = 0.302 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 = 83.8 %



ELEMENT

DUT: A3LSMA356U; Type: Portable Handset; Serial: 3707M

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

Medium: 835 Head; Medium parameters used:

f = 826.4 MHz; cond = 0.922 S/m; perm = 40.8; density = 1000 kg/m³

Phantom Section: RightHead; Space: 0.00 mm

Test Date: 11/15/2023; Ambient Temp: 21.5°C; Tissue Temp: 21.5°C

Probe: EX3DV4 - SN7640; ConvF:(10.56,10.56,10.56); Calibrated: 2023-02-10

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

Electronics: DAE4 Sn1645; Calibrated: 2023-02-16

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

Measurement SW: DASY Module SAR V16.2.0.1425

Mode: UMTS 850, 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

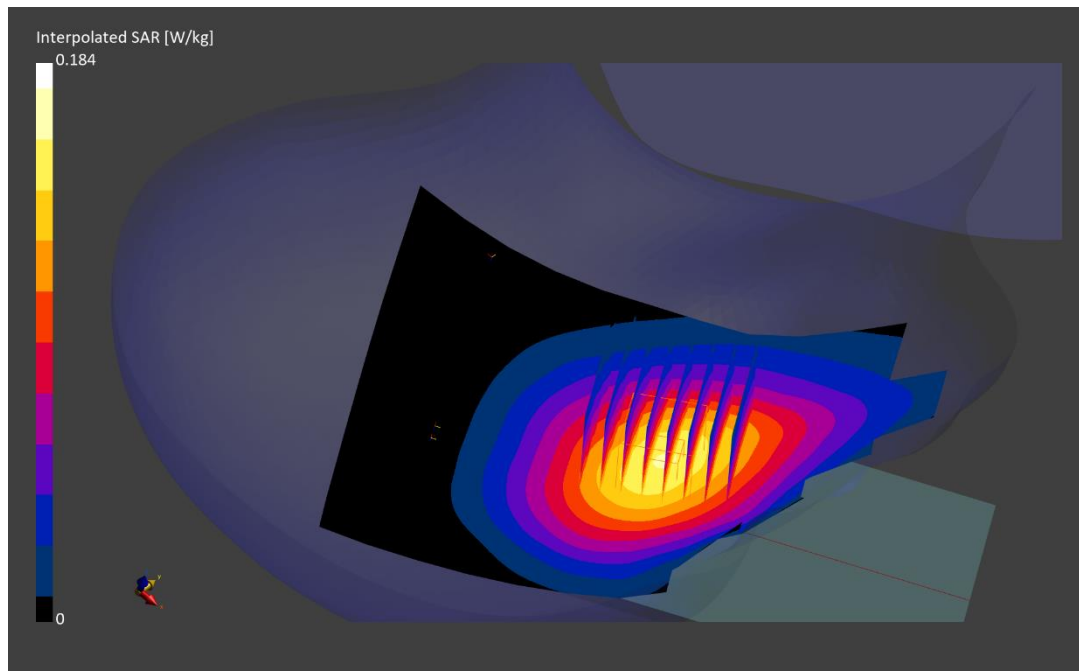
Reference Value = 0.13 W/kg; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.184 W/kg

SAR(1 g) = 0.141 W/kg

Smallest distance from peaks to all points 3 dB below is 26.4 mm

Ratio of SAR at M2 to SAR at M1 = 92.0 %



ELEMENT

DUT: A3LSMA356U; Type: Portable Handset; Serial: 3431M

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

Medium: 835 Head; Medium parameters used:

f = 826.4 MHz; cond = 0.912 S/m; perm = 42.8; density = 1000 kg/m³

Phantom Section: Flat; Space: 15.00 mm

Test Date: 12/13/2023; Ambient Temp: 21.0°C; Tissue Temp: 22.0°C

Probe: EX3DV4 - SN7570; ConvF:(9.92,9.92,9.92); Calibrated: 2023-01-11

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

Electronics: DAE4 Sn1558; Calibrated: 2023-01-17

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

Measurement SW: DASY Module SAR V16.2.0.1425

Mode: UMTS 850, 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

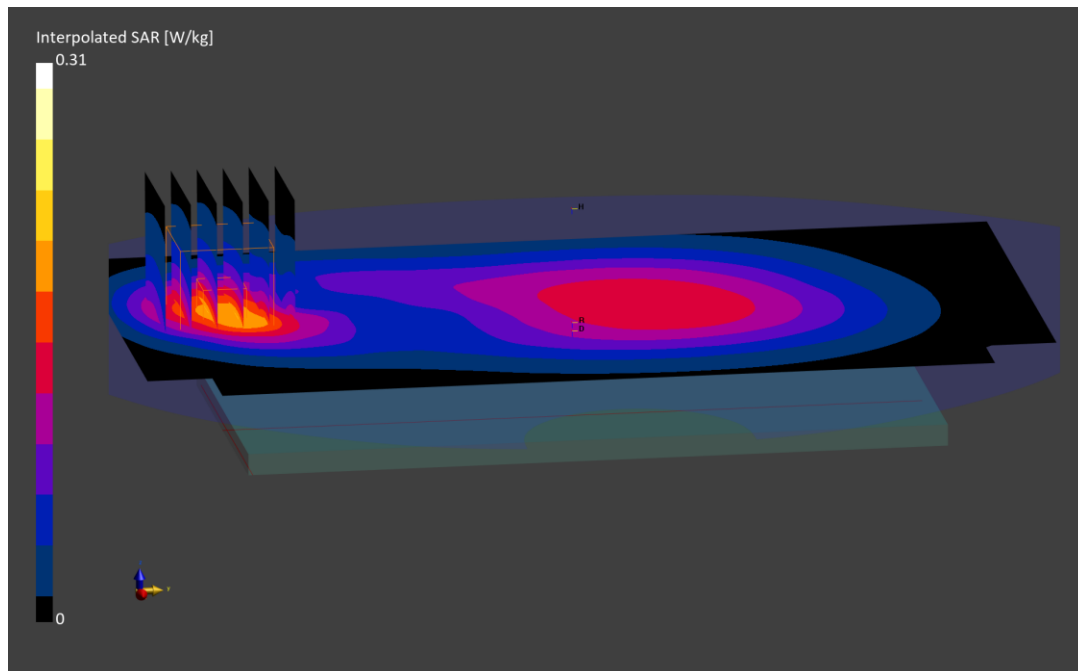
Reference Value = 0.17 W/kg; Power Drift = 0.01

Peak SAR (extrapolated) = 0.310 W/kg

SAR(1 g) = 0.181 W/kg;

Smallest distance from peaks to all points 3 dB below is 13.0 mm

Ratio of SAR at M2 to SAR at M1 = 83.5 %



ELEMENT

DUT: A3LSMA356U; Type: Portable Handset; Serial: 3707M

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

Medium: 835 Head; Medium parameters used:

f = 826.4 MHz; cond = 0.922 S/m; perm = 40.8; density = 1000 kg/m³

Phantom Section: Flat; Space: 10.00 mm

Test Date: 11/15/2023; Ambient Temp: 21.5°C; Tissue Temp: 21.5°C

Probe: EX3DV4 - SN7640; ConvF:(10.56,10.56,10.56); Calibrated: 2023-02-10

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

Electronics: DAE4 Sn1645; Calibrated: 2023-02-16

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

Measurement SW: DASY Module SAR V16.2.0.1425

Mode: UMTS 850, Antenna A, Exp: Hotspot| 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

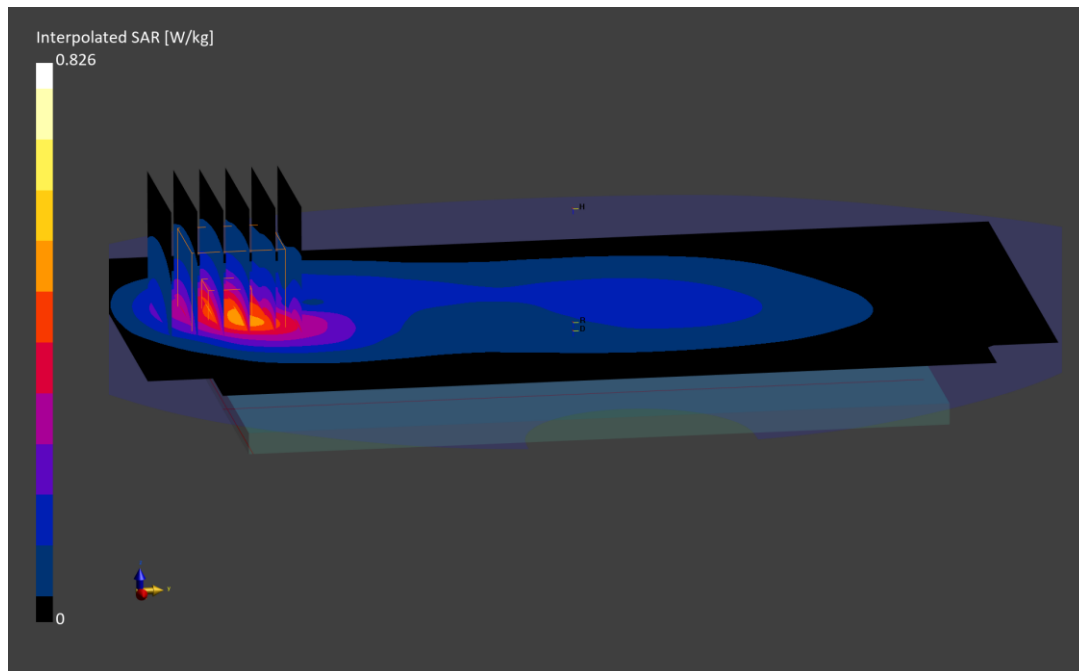
Reference Value = 0.34 W/kg; Power Drift = 0.00 dB

Peak SAR (extrapolated) = 0.826 W/kg

SAR(1 g) = 0.436 W/kg

Smallest distance from peaks to all points 3 dB below is 9.9 mm

Ratio of SAR at M2 to SAR at M1 = 81.4 %



ELEMENT

DUT: A3LSMA356U; Type: Portable Handset; Serial: 3706M

Communication System: UID:10011 - CAB, WCDMA; MAIA: Y; Frequency: 1712.4 MHz

Medium: 1750 Head; Medium parameters used:

f = 1712.4 MHz; cond = 1.39 S/m; perm = 38.6; density = 1000 kg/m³

Phantom Section: RightHead; Space: 0.00 mm

Test Date: 12/11/2023; Ambient Temp: 19.1°C; Tissue Temp: 20.0°C

Probe: EX3DV4 - SN7417; ConvF:(8.32,8.32,8.32); Calibrated: 2023-02-08

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

Electronics: DAE4 Sn665; Calibrated: 2023-02-15

Phantom: Twin-SAM V5.0; Serial: 1757

Measurement SW: DASY Module SAR V16.2.0.1425

Mode: UMTS 1750, Antenna B, 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

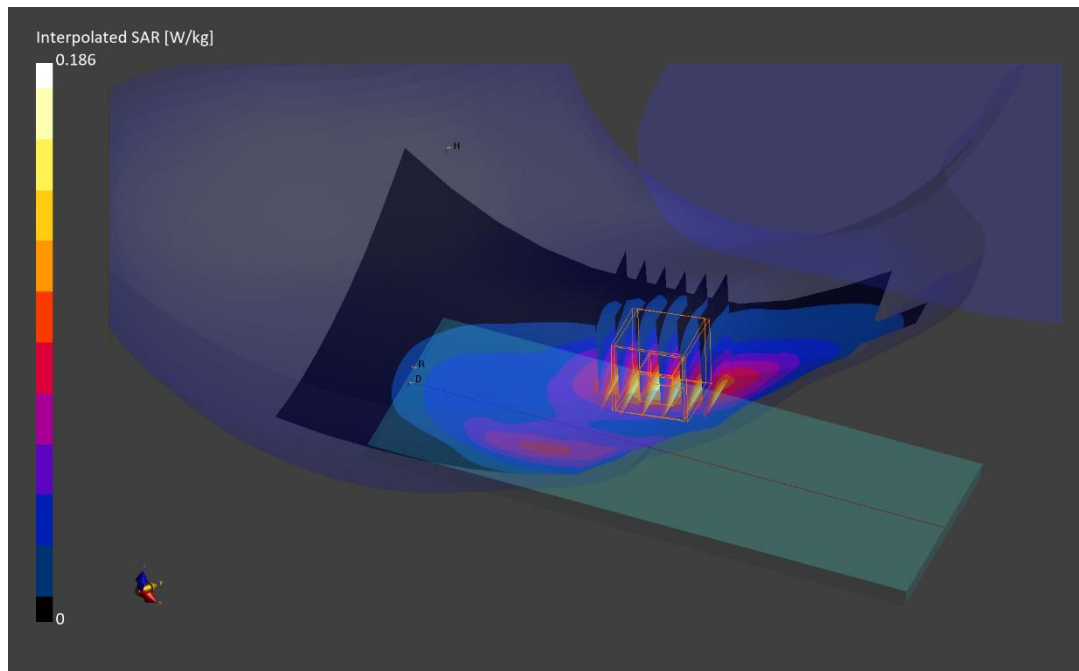
Reference Value = 0.12 W/kg; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.186 W/kg

SAR(1 g) = 0.118 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 = 87.1 %



ELEMENT

DUT: A3LSMA356U; Type: Portable Handset; Serial: 3706M

Communication System: UID:10011 - CAB, WCDMA; MAIA: Y; Frequency: 1712.4 MHz

Medium: 1750 Head; Medium parameters used:

f = 1712.4 MHz; cond = 1.38 S/m; perm = 41.4; density = 1000 kg/m³

Phantom Section: Flat; Space: 15.00 mm

Test Date: 12/13/2023; Ambient Temp: 21.2°C; Tissue Temp: 20.0°C

Probe: EX3DV4 - SN7417; ConvF:(8.32,8.32,8.32); Calibrated: 2023-02-08

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

Electronics: DAE4 Sn665; Calibrated: 2023-02-15

Phantom: Twin-SAM V5.0; Serial: 1757

Measurement SW: DASY Module SAR V16.2.0.1425

Mode: UMTS 1750, Antenna B, 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

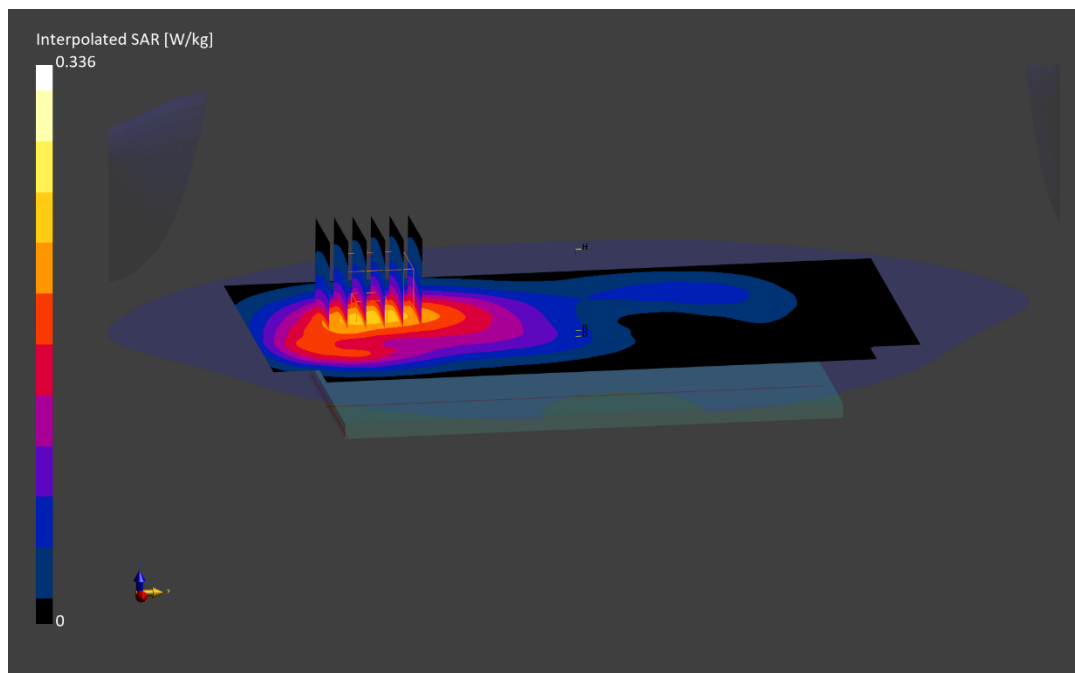
Reference Value = 0.19 W/kg; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 0.336 W/kg

SAR(1 g) = 0.208 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 = 84.6 %



ELEMENT

DUT: A3LSMA356U; Type: Portable Handset; Serial: 3647M

Communication System: UID:10011 - CAC, WCDMA; MAIA: Y; Frequency: 1712.4 MHz

Medium: 1750 Head; Medium parameters used:

f = 1712.4 MHz; cond = 1.35 S/m; perm = 39.7; density = 1000 kg/m³

Phantom Section: Flat; Space: 10.00 mm

Test Date: 11/15/2023; Ambient Temp: 21.8°C; Tissue Temp: 21.8°C

Probe: EX3DV4 - SN7491; ConvF:(8.69,8.69,8.69); Calibrated: 2023-06-08

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

Electronics: DAE4 Sn1532; Calibrated: 2023-06-15

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

Measurement SW: DASY Module SAR V16.2.0.1425

Mode: UMTS 1750, Antenna B, Exp: Hotspot| Bottom Edge, Ch. Low

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

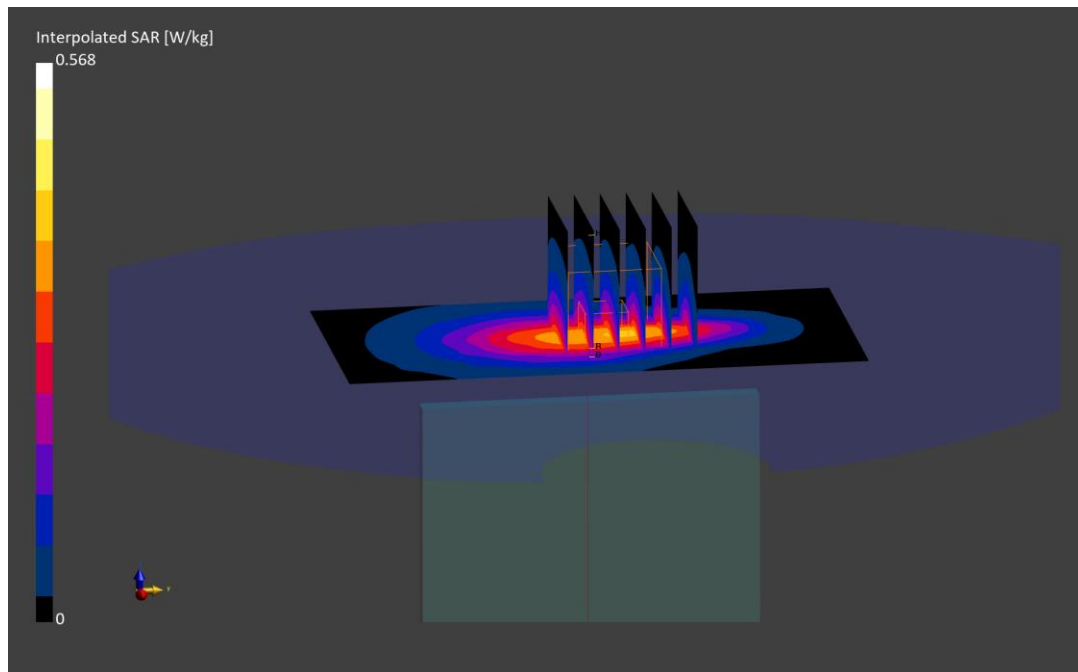
Reference Value = 0.28 W/kg; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 0.568 W/kg

SAR(1 g) = 0.320 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 = 83.8 %



ELEMENT

DUT: A3LSMA356U; Type: Portable Handset; Serial: 3658M

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

Medium: 1900 Head; Medium parameters used:

f = 1852.4 MHz; cond = 1.34 S/m; perm = 40.6; density = 1000 kg/m³

Phantom Section: LeftHead; Space: 0.00 mm

Test Date: 12/13/2023; Ambient Temp: 20.1°C; Tissue Temp: 20.1°C

Probe: EX3DV4 - SN7659; ConvF:(9.09,9.09,9.09); Calibrated: 2023-04-14

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

Electronics: DAE4 Sn1407; Calibrated: 2023-04-14

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

Measurement SW: DASY Module SAR V16.2.0.1425

Mode: UMTS 1900, Antenna B, 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

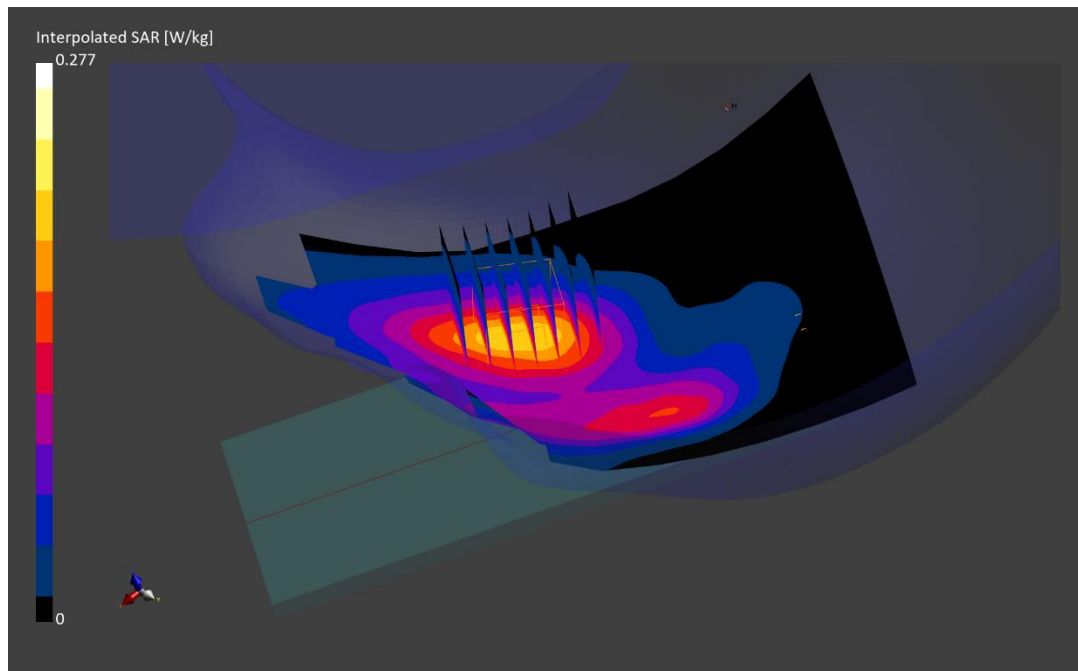
Reference Value = 0.18 W/kg; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 0.277 W/kg

SAR(1 g) = 0.184 W/kg

Smallest distance from peaks to all points 3 dB below is 12.9 mm

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



ELEMENT

DUT: A3LSMA356U; Type: Portable Handset; Serial: 3616M

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

Medium: 1900 Head; Medium parameters used:

f = 1852.4 MHz; cond = 1.37 S/m; perm = 39.0; density = 1000 kg/m³

Phantom Section: Flat; Space: 15.00 mm

Test Date: 12/18/2023; Ambient Temp: 20.1°C; Tissue Temp: 20.0°C

Probe: EX3DV4 - SN7409; ConvF:(8.2,8.2,8.2); Calibrated: 2023-06-15

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

Electronics: DAE4 Sn1334; Calibrated: 2023-06-15

Phantom: Twin-SAM V8.0; Serial: 1630

Measurement SW: DASY Module SAR V16.2.0.1425

Mode: UMTS 1900, Antenna B, 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

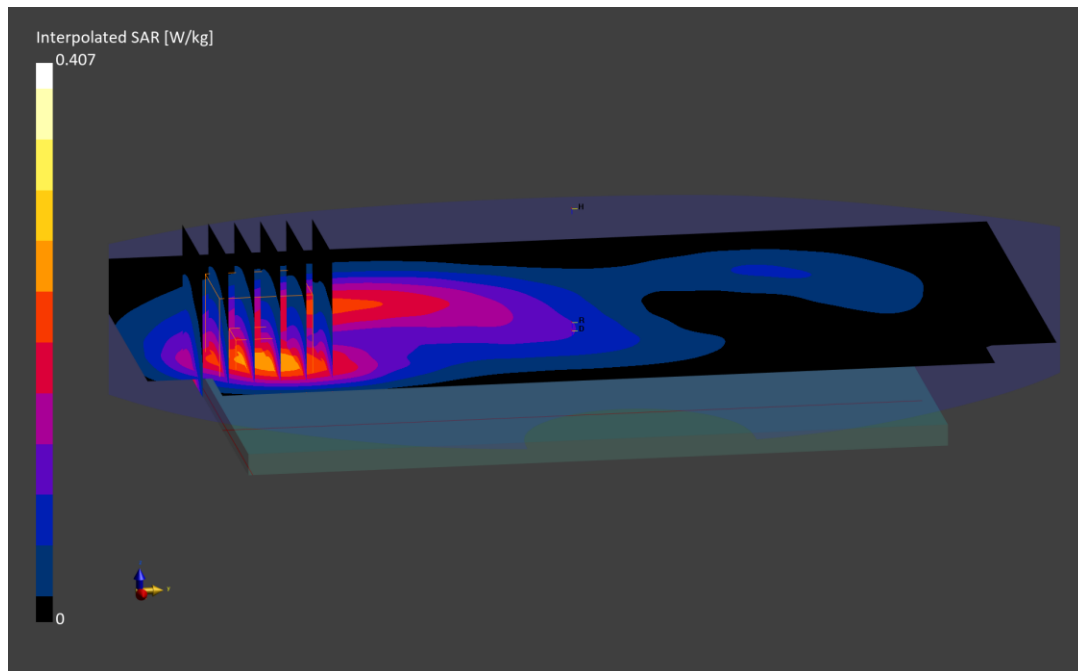
Reference Value = 0.24 W/kg; Power Drift = 0.09 dB

Peak SAR (extrapolated) = 0.407 W/kg

SAR(1 g) = 0.229 W/kg

Smallest distance from peaks to all points 3 dB below is 13.0 mm

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



ELEMENT

DUT: A3LSMA356U; Type: Portable Handset; Serial: 3654M

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

Medium: 1900 Head; Medium parameters used:

f = 1852.4 MHz; cond = 1.42 S/m; perm = 39.5; density = 1000 kg/m³

Phantom Section: Flat; Space: 10.00 mm

Test Date: 11/15/2023; Ambient Temp: 21.8°C; Tissue Temp: 21.8°C

Probe: EX3DV4 - SN7491; ConvF:(8.27,8.27,8.27); Calibrated: 2023-06-08

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

Electronics: DAE4 Sn1532; Calibrated: 2023-06-15

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

Measurement SW: DASY Module SAR V16.2.0.1425

Mode: UMTS 1900, Antenna B, Exp: Hotspot| Bottom Edge, Ch. Low

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

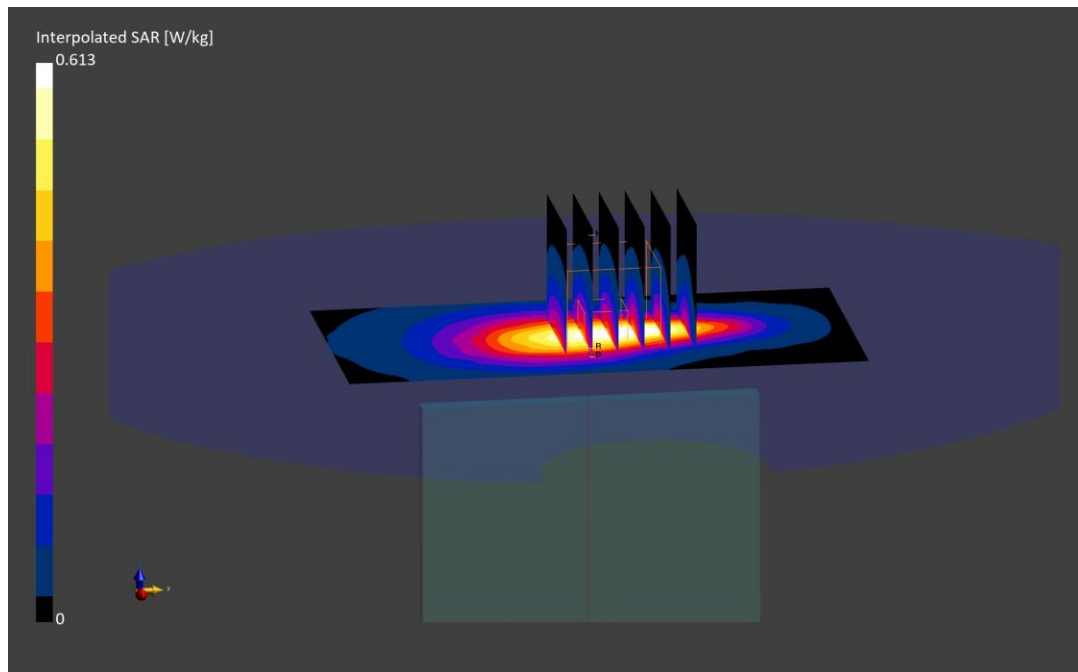
Reference Value = 0.29 W/kg; Power Drift = 0.00 dB

Peak SAR (extrapolated) = 0.613 W/kg

SAR(1 g) = 0.337 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 = 83.5 %



ELEMENT

DUT: A3LSMA356U; Type: Portable Handset; Serial: 3490M

Communication System: UID:10169 - CAE, LTE-FDD; MAIA: Y; Frequency: 680.5 MHz

Medium: 750 Head; Medium parameters used:

f = 680.5 MHz; cond = 0.865 S/m; perm = 41.8; density = 1000 kg/m³

Phantom Section: RightHead; Space: 0.00 mm

Test Date: 11/09/2023; Ambient Temp: 22.4°C; Tissue Temp: 22.1°C

Probe: EX3DV4 - SN7640; ConvF:(10.91,10.91,10.91); Calibrated: 2023-02-10

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

Electronics: DAE4 Sn1645; Calibrated: 2023-02-16

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

Measurement SW: DASY Module SAR V16.2.0.1425

**Mode: LTE Band 71, Antenna A, Exp: Head| Right Cheek, Ch. Mid,
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

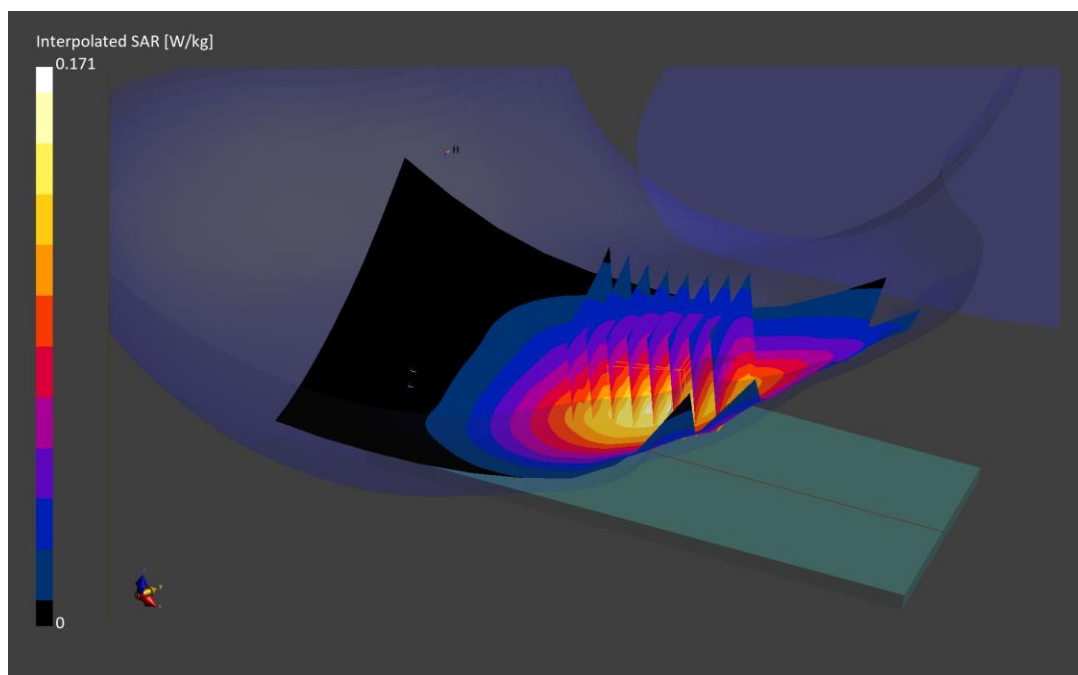
Reference Value = 0.12 W/kg; Power Drift = 0.12 dB

Peak SAR (extrapolated) = 0.171 W/kg

SAR(1 g) = 0.135 W/kg

Smallest distance from peaks to all points 3 dB below is 25.3 mm

Ratio of SAR at M2 to SAR at M1 = 94.1 %



ELEMENT

DUT: A3LSMA356U; Type: Portable Handset; Serial: 3490M

Communication System: UID:10169 - CAE, LTE-FDD; MAIA: Y; Frequency: 680.5 MHz

Medium: 750 Head; Medium parameters used:

$f = 680.5$ MHz; $\text{cond} = 0.874$ S/m; $\text{perm} = 41.7$; $\text{density} = 1000$ kg/m³

Phantom Section: Flat; Space: 15.00 mm

Test Date: 12/06/2023; Ambient Temp: 20.8°C; Tissue Temp: 19.2°C

Probe: EX3DV4 - SN7640; ConvF:(10.91,10.91,10.91); Calibrated: 2023-02-10

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

Electronics: DAE4 Sn1645; Calibrated: 2023-02-16

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

Measurement SW: DASY Module SAR V16.2.0.1425

**Mode: LTE Band 71, Antenna A, Exp: Body-worn| Back Side, Ch. Mid,
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

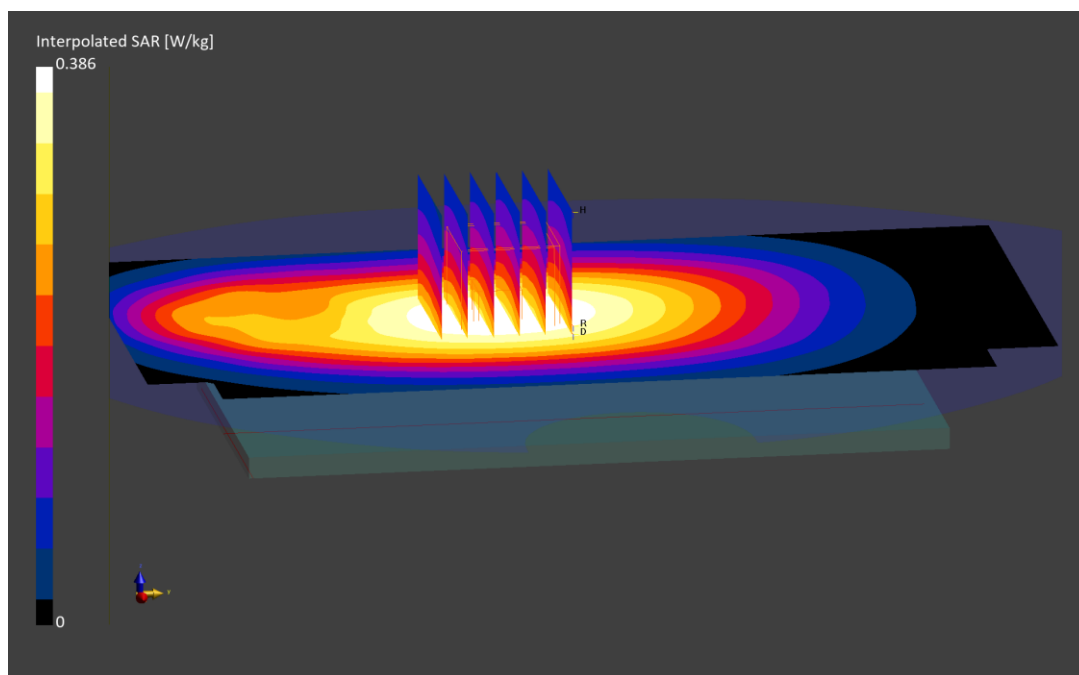
Reference Value = 0.26 W/kg; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 0.386 W/kg

SAR(1 g) = 0.287 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 = 89.9 %



ELEMENT

DUT: A3LSMA356U; Type: Portable Handset; Serial: 3490M

Communication System: UID:10169 - CAE, LTE-FDD; MAIA: Y; Frequency: 680.5 MHz

Medium: 750 Head; Medium parameters used:

$f = 680.5$ MHz; $\text{cond} = 0.865$ S/m; $\text{perm} = 41.8$; $\text{density} = 1000$ kg/m³

Phantom Section: Flat; Space: 10.00 mm

Test Date: 11/09/2023; Ambient Temp: 22.4°C; Tissue Temp: 22.1°C

Probe: EX3DV4 - SN7640; ConvF:(10.91,10.91,10.91); Calibrated: 2023-02-10

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

Electronics: DAE4 Sn1645; Calibrated: 2023-02-16

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

Measurement SW: DASY Module SAR V16.2.0.1425

**Mode: LTE Band 71, Antenna A, Exp: Hotspot| Right Edge, Ch. Mid,
20 MHz Bandwidth, QPSK, 1 RB, 0 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

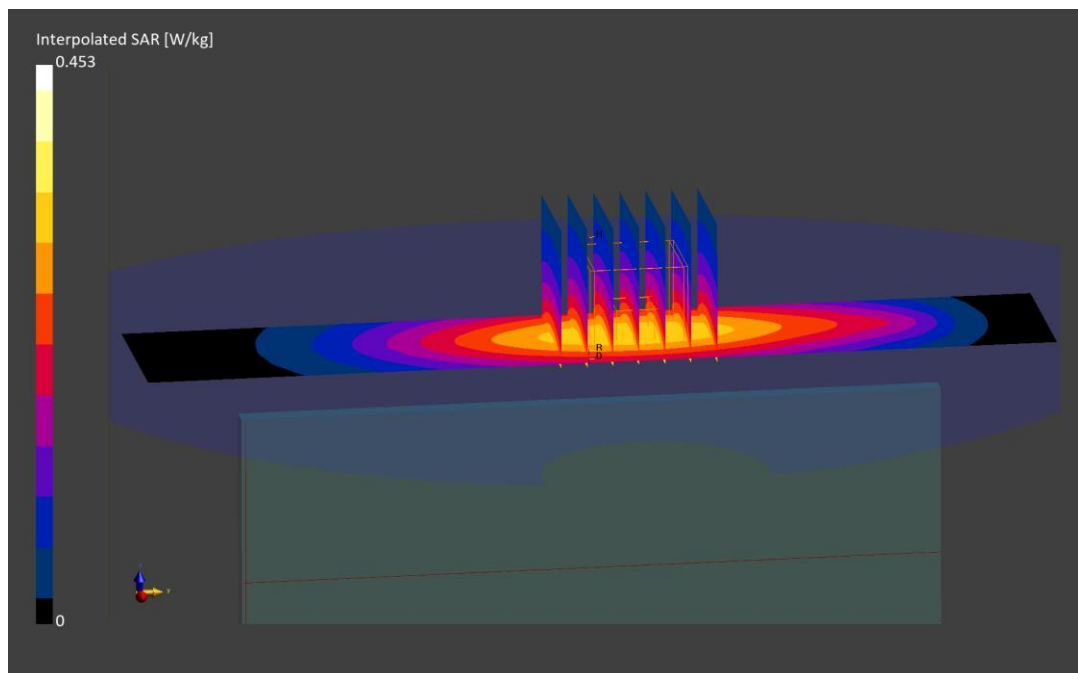
Reference Value = 0.26 W/kg; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 0.452 W/kg

SAR(1 g) = 0.303 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 = 87.2 %



ELEMENT

DUT: A3LSMA356U; Type: Portable Handset; Serial: 3707M

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

Medium: 750 Head; Medium parameters used:

f = 707.5 MHz; cond = 0.872 S/m; perm = 40.3; density = 1000 kg/m³

Phantom Section: RightHead; Space: 0.00 mm

Test Date: 11/13/2023; Ambient Temp: 23.4°C; Tissue Temp: 22.8°C

Probe: EX3DV4 - SN7565; ConvF:(9.58,9.58,9.58); Calibrated: 2023-01-12

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

Electronics: DAE4 Sn1466; Calibrated: 2023-01-20

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

Measurement SW: DASY Module SAR V16.2.0.1425

**Mode: LTE Band 12, Antenna A, Exp: Head| Right Cheek, Ch. Mid,
10 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

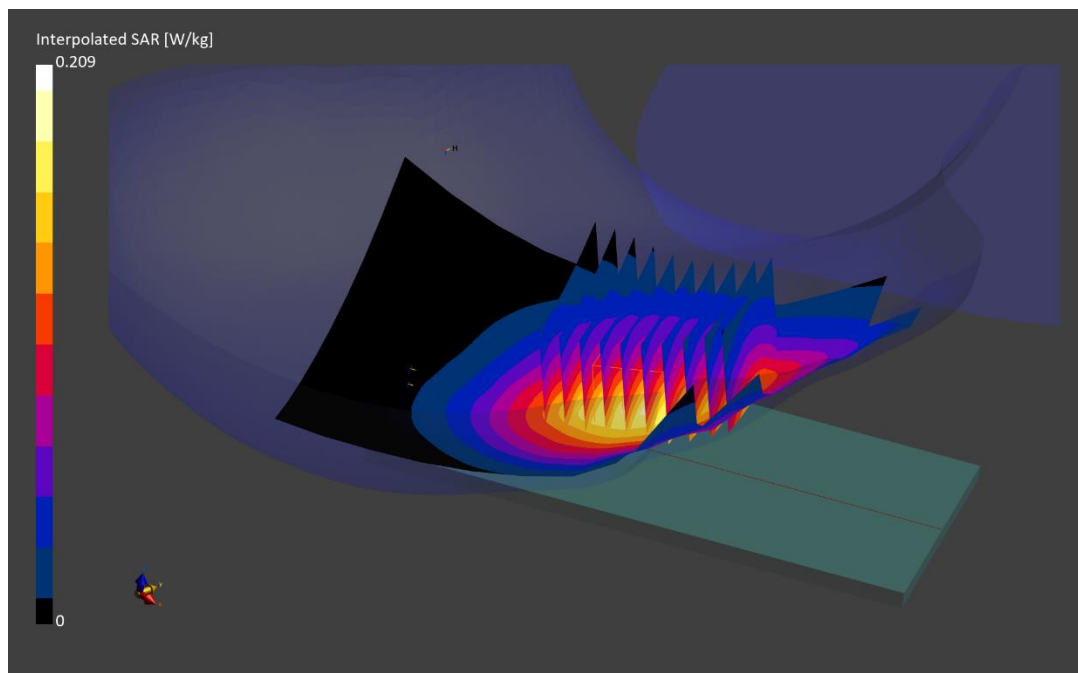
Reference Value = 0.16 W/kg; Power Drift = 0.13 dB

Peak SAR (extrapolated) = 0.209 W/kg

SAR(1 g) = 0.167 W/kg

Smallest distance from peaks to all points 3 dB below is 26.6 mm

Ratio of SAR at M2 to SAR at M1 = 92.8 %



ELEMENT

DUT: A3LSMA356U; Type: Portable Handset; Serial: 3490M

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

Medium: 750 Head; Medium parameters used:

$f = 707.5$ MHz; $\text{cond} = 0.883$ S/m; $\text{perm} = 41.6$; $\text{density} = 1000$ kg/m³

Phantom Section: Flat; Space: 15.00 mm

Test Date: 12/06/2023; Ambient Temp: 20.8°C; Tissue Temp: 19.2°C

Probe: EX3DV4 - SN7640; ConvF:(10.91,10.91,10.91); Calibrated: 2023-02-10

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

Electronics: DAE4 Sn1645; Calibrated: 2023-02-16

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

Measurement SW: DASY Module SAR V16.2.0.1425

**Mode: LTE Band 12, Antenna A, Exp: Body-worn| Back Side, Ch. Mid,
10 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

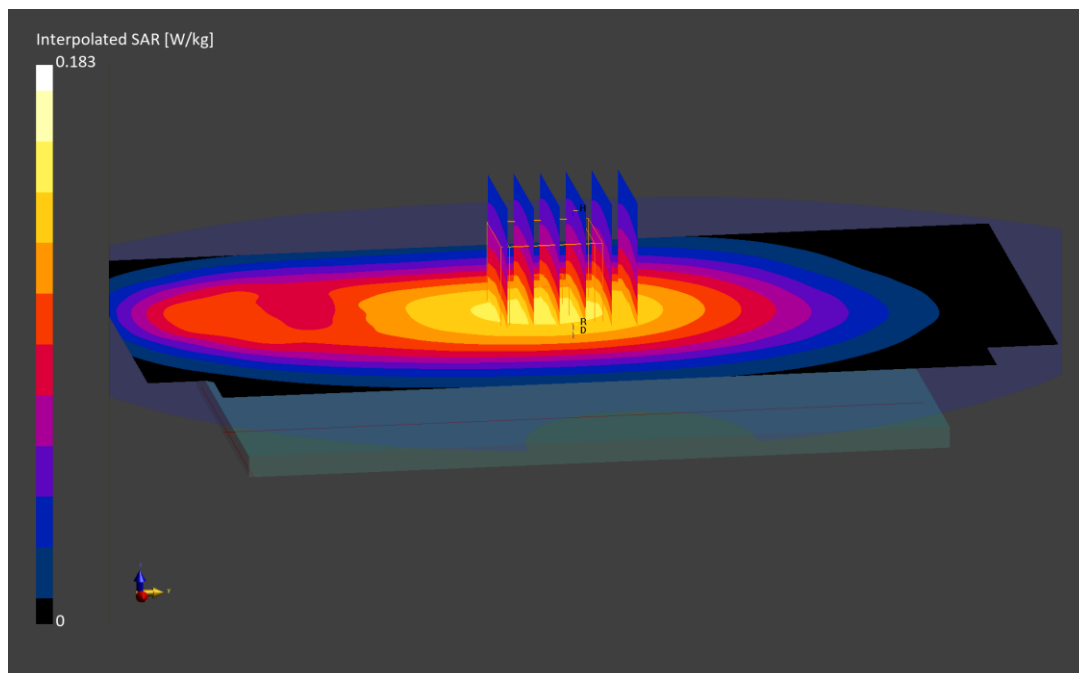
Reference Value = 0.12 W/kg; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.183 W/kg

SAR(1 g) = 0.135 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 = 90.0 %



ELEMENT

DUT: A3LSMA356U; Type: Portable Handset; Serial: 3647M

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

Medium: 750 Head; Medium parameters used:

f = 707.5 MHz; cond = 0.878 S/m; perm = 41.6; density = 1000 kg/m³

Phantom Section: Flat; Space: 10.00 mm

Test Date: 11/13/2023; Ambient Temp: 21.3°C; Tissue Temp: 20.9°C

Probe: EX3DV4 - SN7491; ConvF:(9.91,9.91,9.91); Calibrated: 2023-06-08

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

Electronics: DAE4 Sn1532; Calibrated: 2023-06-15

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

Measurement SW: DASY Module SAR V16.2.0.1425

**Mode: LTE Band 12, Antenna A, Exp: Hotspot| Right Edge, Ch. Mid,
10 MHz Bandwidth, QPSK, 1 RB, 0 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

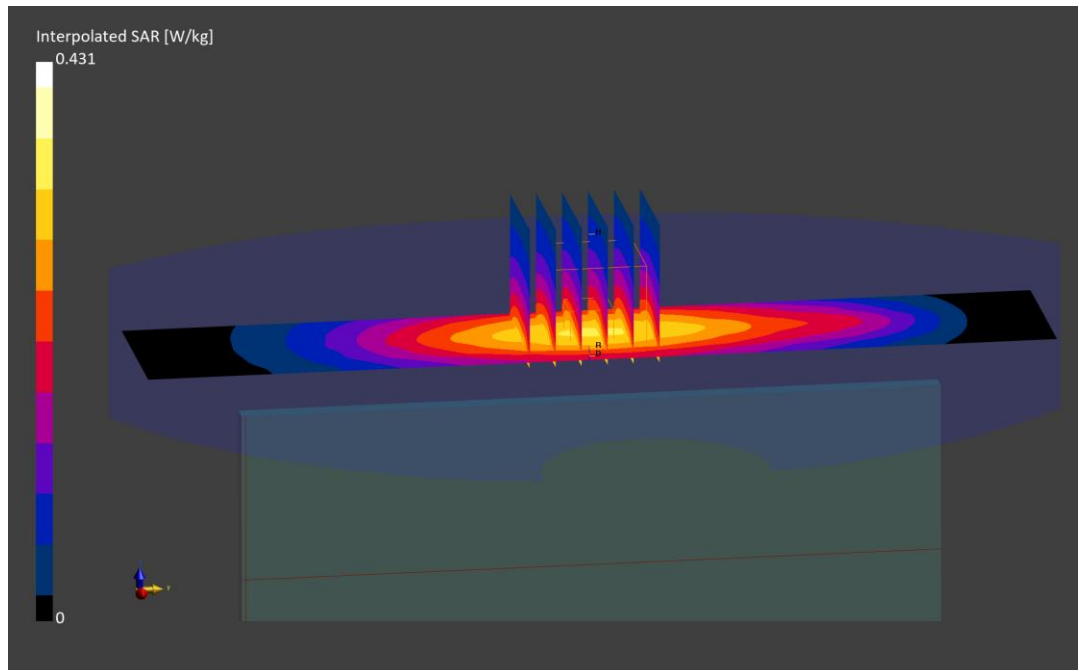
Reference Value = 0.28 W/kg; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 0.431 W/kg

SAR(1 g) = 0.299 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 = 88.8 %



ELEMENT

DUT: A3LSMA356U; Type: Portable Handset; Serial: 3707M

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

Medium: 750 Head; Medium parameters used:

f = 782.0 MHz; cond = 0.899 S/m; perm = 40.1; density = 1000 kg/m³

Phantom Section: RightHead; Space: 0.00 mm

Test Date: 11/13/2023; Ambient Temp: 23.4°C; Tissue Temp: 22.8°C

Probe: EX3DV4 - SN7565; ConvF:(9.58,9.58,9.58); Calibrated: 2023-01-12

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

Electronics: DAE4 Sn1466; Calibrated: 2023-01-20

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

Measurement SW: DASY Module SAR V16.2.0.1425

**Mode: LTE Band 13, Antenna A, Exp: Head| Right Cheek, Ch. Mid,
10 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

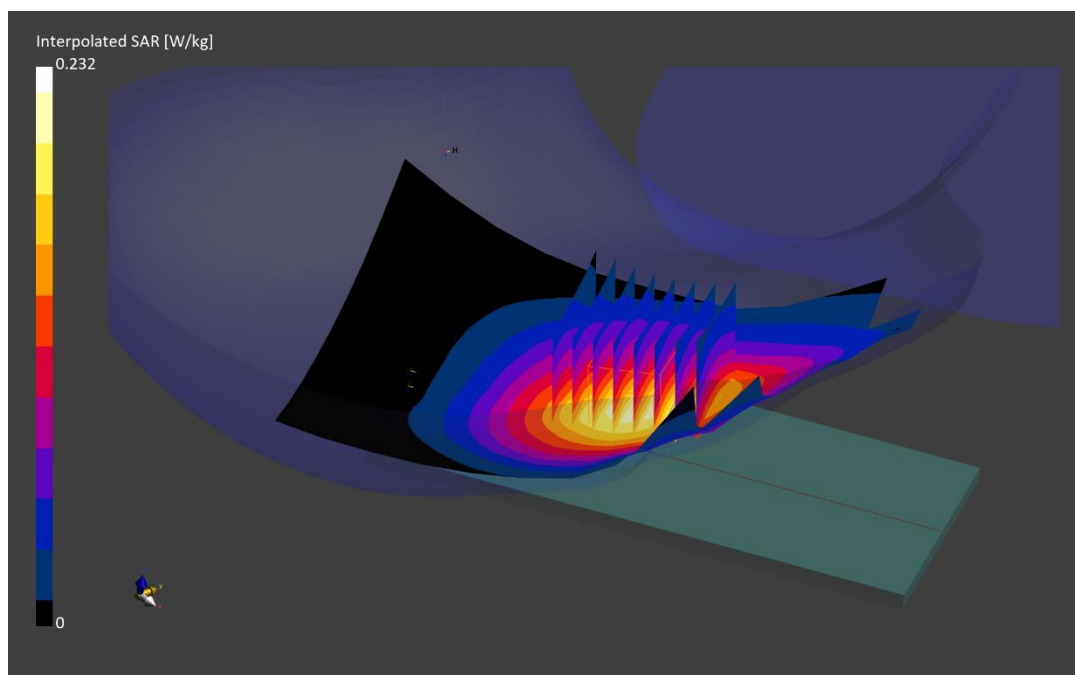
Reference Value = 0.17 W/kg; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 0.232 W/kg

SAR(1 g) = 0.184 W/kg

Smallest distance from peaks to all points 3 dB below is 25.9 mm

Ratio of SAR at M2 to SAR at M1 = 94.1 %



ELEMENT

DUT: A3LSMA356U; Type: Portable Handset; Serial: 3431M

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

Medium: 750 Head; Medium parameters used:

$f = 782.0$ MHz; $\text{cond} = 0.897$ S/m; $\text{perm} = 42.9$; $\text{density} = 1000$ kg/m³

Phantom Section: Flat; Space: 15.00 mm

Test Date: 12/13/2023; Ambient Temp: 21.0°C; Tissue Temp: 22.0°C

Probe: EX3DV4 - SN7570; ConvF:(10.29,10.29,10.29); Calibrated: 2023-01-11

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

Electronics: DAE4 Sn1558; Calibrated: 2023-01-17

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

Measurement SW: DASY Module SAR V16.2.0.1425

**Mode: LTE Band 13, Antenna A, Exp: Body-worn| Back Side, Ch. Mid,
10 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

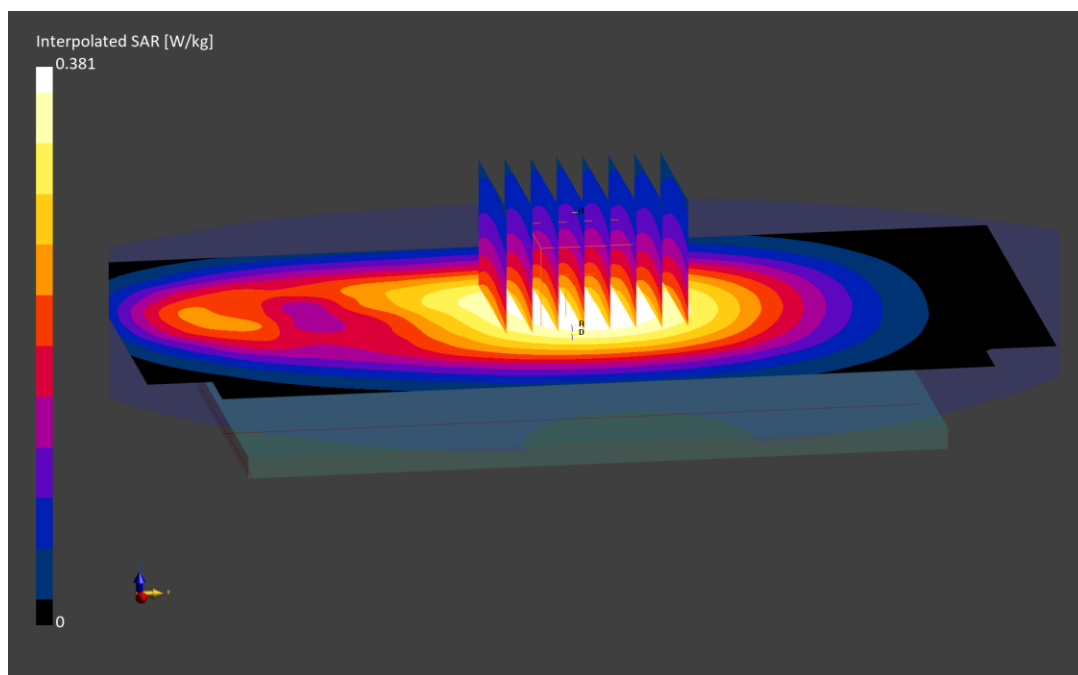
Reference Value = 0.27 W/kg; Power Drift = -0.16 dB

Peak SAR (extrapolated) = 0.381 W/kg

SAR(1 g) = 0.276 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 = 88.7 %



ELEMENT

DUT: A3LSMA356U; Type: Portable Handset; Serial: 3647M

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

Medium: 750 Head; Medium parameters used:

f = 782.0 MHz; cond = 0.906 S/m; perm = 41.4; density = 1000 kg/m³

Phantom Section: Flat; Space: 10.00 mm

Test Date: 11/13/2023; Ambient Temp: 21.3°C; Tissue Temp: 20.9°C

Probe: EX3DV4 - SN7491; ConvF:(9.91,9.91,9.91); Calibrated: 2023-06-08

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

Electronics: DAE4 Sn1532; Calibrated: 2023-06-15

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

Measurement SW: DASY Module SAR V16.2.0.1425

**Mode: LTE Band 13, Antenna A, Exp: Hotspot| Right Edge, Ch. Mid,
10 MHz Bandwidth, QPSK, 1 RB, 0 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

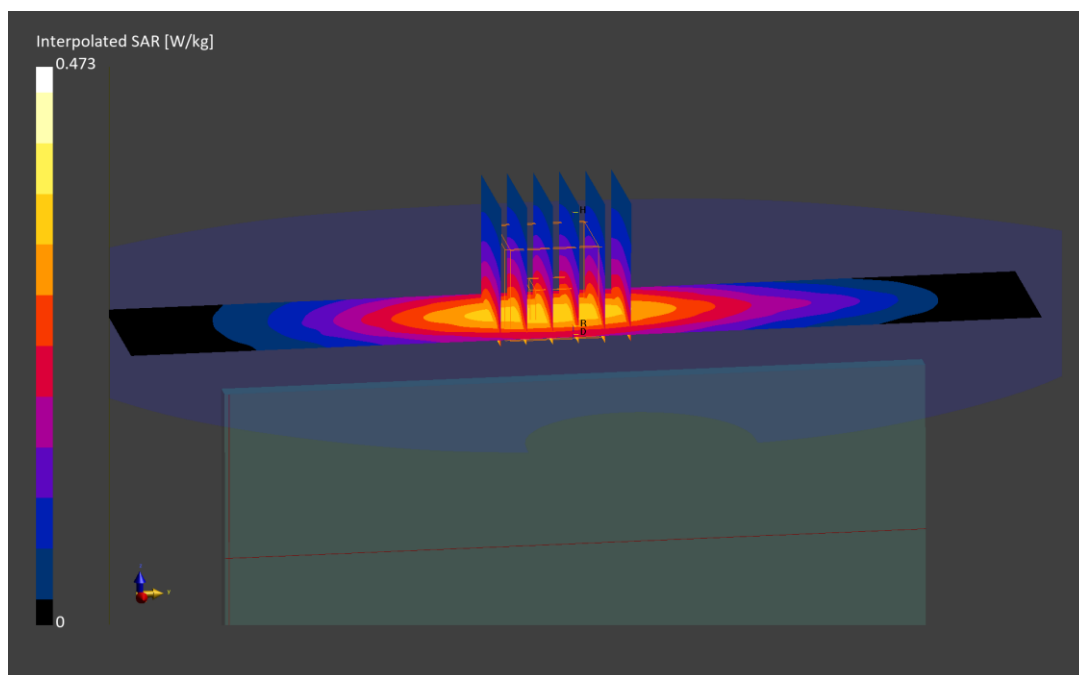
Reference Value = 0.30 W/kg; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.473 W/kg

SAR(1 g) = 0.329 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 = 89.4 %



ELEMENT

DUT: A3LSMA356U; Type: Portable Handset; Serial: 3707M

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

Medium: 750 Head; Medium parameters used:

f = 793.0 MHz; cond = 0.903 S/m; perm = 40.0; density = 1000 kg/m³

Phantom Section: RightHead; Space: 0.00 mm

Test Date: 11/13/2023; Ambient Temp: 23.4°C; Tissue Temp: 22.8°C

Probe: EX3DV4 - SN7565; ConvF:(9.58,9.58,9.58); Calibrated: 2023-01-12

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

Electronics: DAE4 Sn1466; Calibrated: 2023-01-20

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

Measurement SW: DASY Module SAR V16.2.0.1425

**Mode: LTE Band 14, Antenna A, Exp: Head| Right Cheek, Ch. Mid,
10 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

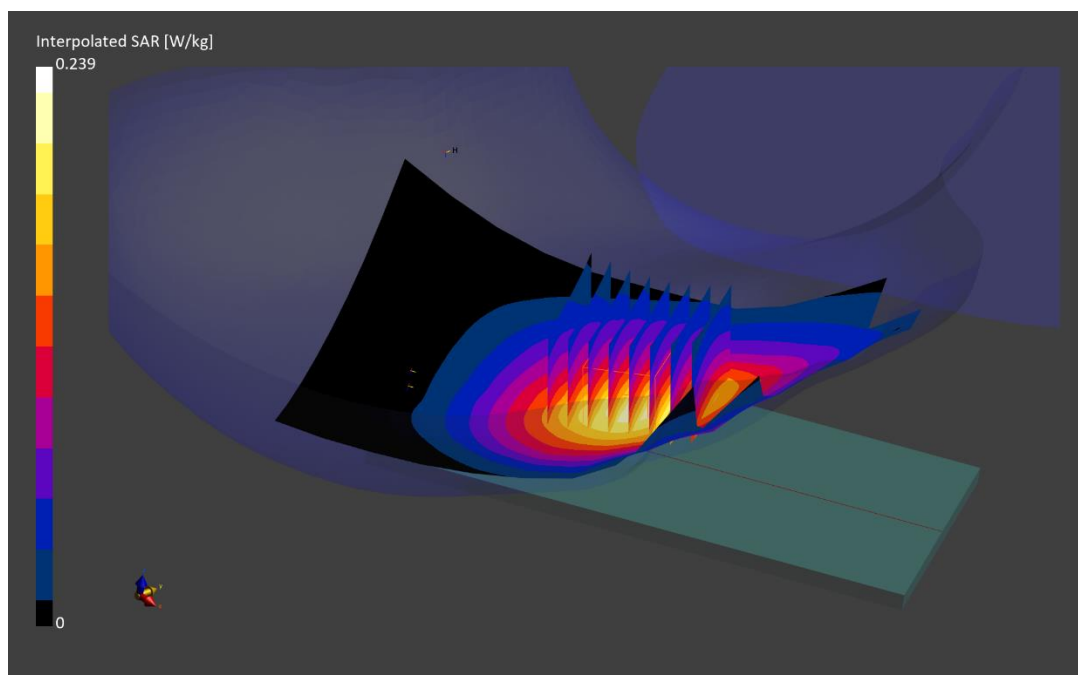
Reference Value = 0.18 W/kg; Power Drift = 0.00 dB

Peak SAR (extrapolated) = 0.239 W/kg

SAR(1 g) = 0.189 W/kg

Smallest distance from peaks to all points 3 dB below is 25.0 mm

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



ELEMENT

DUT: A3LSMA356U; Type: Portable Handset; Serial: 3490M

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

Medium: 750 Head; Medium parameters used:

f = 793.0 MHz; cond = 0.917 S/m; perm = 41.3; density = 1000 kg/m³

Phantom Section: Flat; Space: 15.00 mm

Test Date: 12/06/2023; Ambient Temp: 20.8°C; Tissue Temp: 19.2°C

Probe: EX3DV4 - SN7640; ConvF:(10.91,10.91,10.91); Calibrated: 2023-02-10

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

Electronics: DAE4 Sn1645; Calibrated: 2023-02-16

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

Measurement SW: DASY Module SAR V16.2.0.1425

**Mode: LTE Band 14, Antenna A, Exp: Body-worn| Back Side, Ch. Mid,
10 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

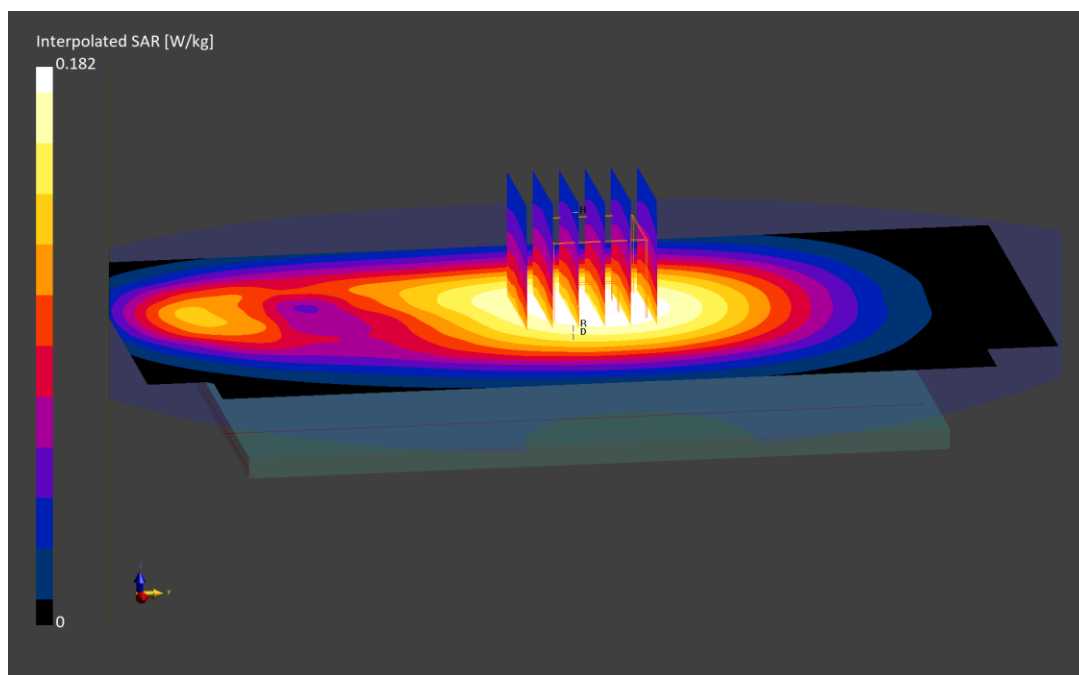
Reference Value = 0.12 W/kg; Power Drift = 0.00 dB

Peak SAR (extrapolated) = 0.182 W/kg

SAR(1 g) = 0.134 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 = 89.9 %



ELEMENT

DUT: A3LSMA356U; Type: Portable Handset; Serial: 3647M

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

Medium: 750 Head; Medium parameters used:

f = 793.0 MHz; cond = 0.910 S/m; perm = 41.3; density = 1000 kg/m³

Phantom Section: Flat; Space: 10.00 mm

Test Date: 11/13/2023; Ambient Temp: 21.3°C; Tissue Temp: 20.9°C

Probe: EX3DV4 - SN7491; ConvF:(9.91,9.91,9.91); Calibrated: 2023-06-08

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

Electronics: DAE4 Sn1532; Calibrated: 2023-06-15

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

Measurement SW: DASY Module SAR V16.2.0.1425

**Mode: LTE Band 14, Antenna A, Exp: Hotspot| Right Edge, Ch. Mid,
10 MHz Bandwidth, QPSK, 1 RB, 0 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

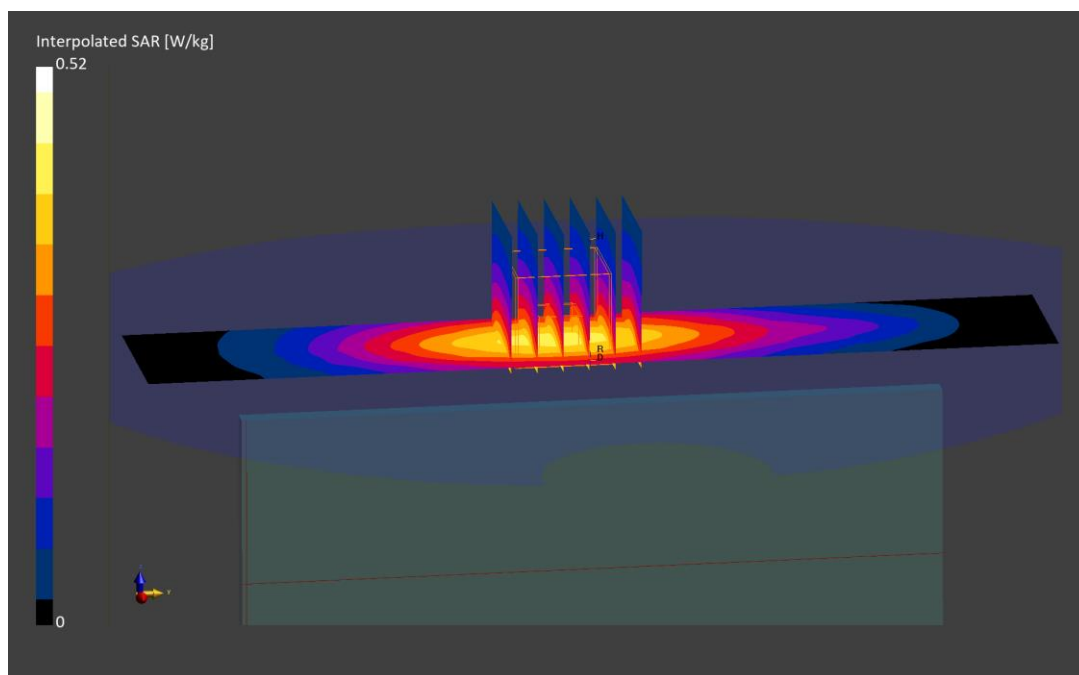
Reference Value = 0.33 W/kg; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 0.520 W/kg

SAR(1 g) = 0.363 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 = 87.7 %



ELEMENT

DUT: A3LSMA356U; Type: Portable Handset; Serial: 3647M

Communication System: UID:10181 - CAE, LTE-FDD; MAIA: Y; Frequency: 831.5 MHz

Medium: 835 Head; Medium parameters used:

f = 831.5 MHz; cond = 0.931 S/m; perm = 41.0; density = 1000 kg/m³

Phantom Section: RightHead; Space: 0.00 mm

Test Date: 11/08/2023; Ambient Temp: 22.6°C; Tissue Temp: 21.4°C

Probe: EX3DV4 - SN7558; ConvF:(9.92,9.92,9.92); Calibrated: 2023-09-12

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

Electronics: DAE4 Sn1364; Calibrated: 2023-09-06

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

Measurement SW: DASY Module SAR V16.2.0.1425

**Mode: LTE Band 26, Antenna A, Exp: Head| Right Cheek, Ch. Mid,
15 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

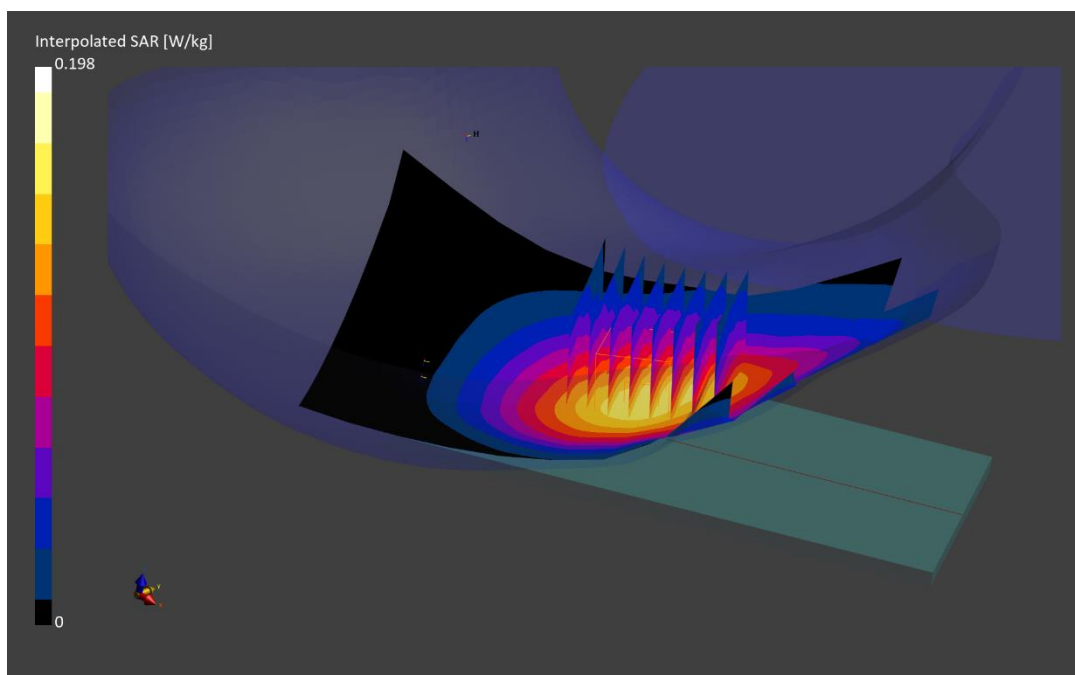
Reference Value = 0.15 W/kg; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 0.198 W/kg

SAR(1 g) = 0.153 W/kg

Smallest distance from peaks to all points 3 dB below is 26.3 mm

Ratio of SAR at M2 to SAR at M1 = 91.3 %



ELEMENT

DUT: A3LSMA356U; Type: Portable Handset; Serial: 3490M

Communication System: UID:10181 - CAE, LTE-FDD; MAIA: Y; Frequency: 831.5 MHz

Medium: 835 Head; Medium parameters used:

$f = 831.5$ MHz; $\text{cond} = 0.930$ S/m; $\text{perm} = 41.1$; $\text{density} = 1000$ kg/m³

Phantom Section: Flat; Space: 15.00 mm

Test Date: 12/06/2023; Ambient Temp: 20.8°C; Tissue Temp: 19.2°C

Probe: EX3DV4 - SN7640; ConvF:(10.56,10.56,10.56); Calibrated: 2023-02-10

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

Electronics: DAE4 Sn1645; Calibrated: 2023-02-16

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

Measurement SW: DASY Module SAR V16.2.0.1425

**Mode: LTE Band 26, Antenna A, Exp: Body-worn| Back Side, Ch. Mid,
15 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

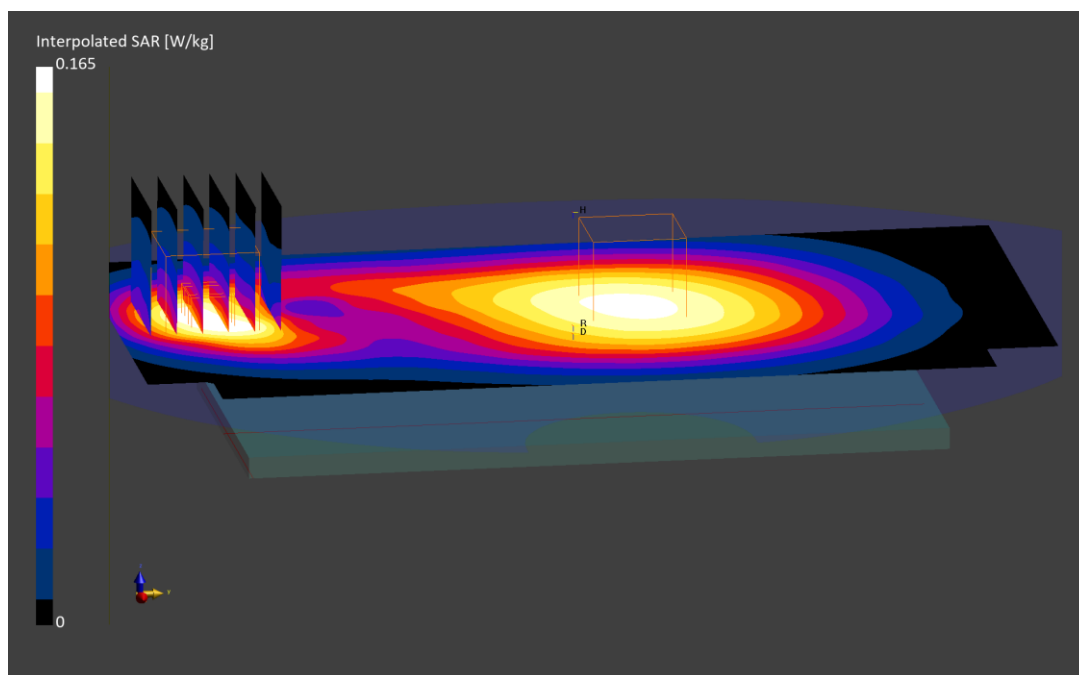
Reference Value = 0.08 W/kg; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 0.165 W/kg

SAR(1 g) = 0.097 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 = 84.6 %



ELEMENT

DUT: A3LSMA356U; Type: Portable Handset; Serial: 3647M

Communication System: UID:10181 - CAE, LTE-FDD; MAIA: Y; Frequency: 831.5 MHz

Medium: 835 Head; Medium parameters used:

$f = 831.5$ MHz; $\text{cond} = 0.931$ S/m; $\text{perm} = 41.0$; $\text{density} = 1000$ kg/m³

Phantom Section: Flat; Space: 10.00 mm

Test Date: 11/08/2023; Ambient Temp: 22.6°C; Tissue Temp: 21.4°C

Probe: EX3DV4 - SN7558; ConvF:(9.92,9.92,9.92); Calibrated: 2023-09-12

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

Electronics: DAE4 Sn1364; Calibrated: 2023-09-06

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

Measurement SW: DASY Module SAR V16.2.0.1425

**Mode: LTE Band 26, Antenna A, Exp: Hotspot| Back Side, Ch. Mid,
15 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

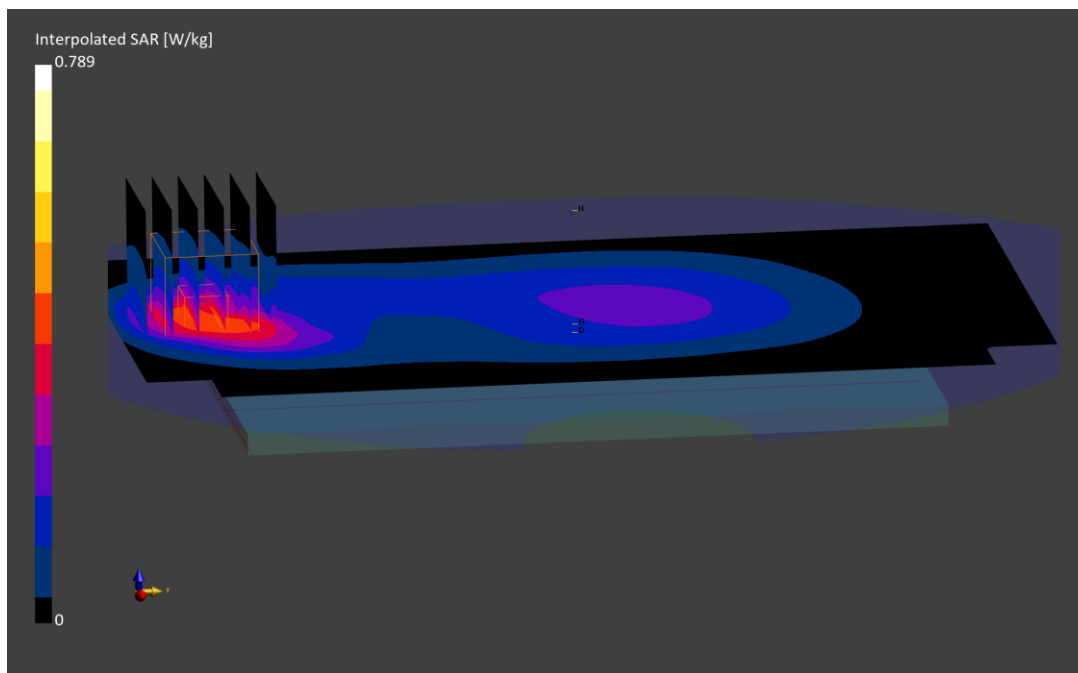
Reference Value = 0.39 W/kg; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.789 W/kg

SAR(1 g) = 0.410 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 = 80.5 %



ELEMENT

DUT: A3LSMA356U; Type: Portable Handset; Serial: 3707M

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

Medium: 835 Head; Medium parameters used:

$f = 836.5$ MHz; $\text{cond} = 0.889$ S/m; $\text{perm} = 40.1$; $\text{density} = 1000$ kg/m³

Phantom Section: RightHead; Space: 0.00 mm

Test Date: 11/20/2023; Ambient Temp: 20.7°C; Tissue Temp: 20.0°C

Probe: EX3DV4 - SN7640; ConvF:(10.56,10.56,10.56); Calibrated: 2023-02-10

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

Electronics: DAE4 Sn1645; Calibrated: 2023-02-16

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

Measurement SW: DASY Module SAR V16.2.0.1425

**Mode: LTE Band 5, Antenna A, Exp: Head| Right Cheek, Ch. Mid,
10 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

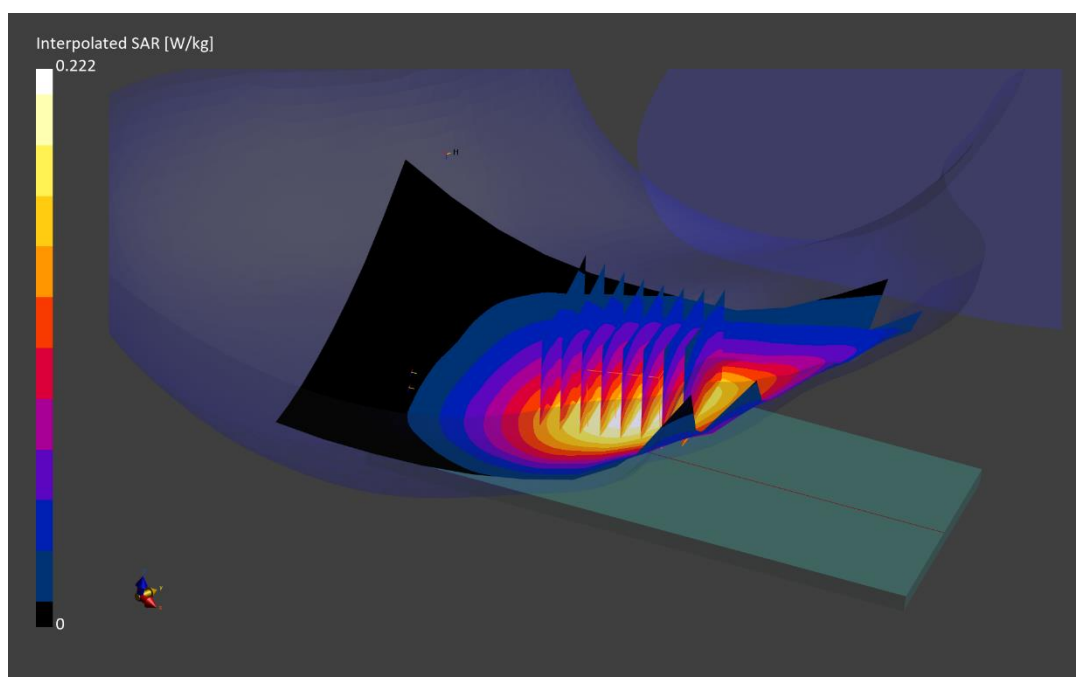
Reference Value = 0.16 W/kg; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 0.222 W/kg

SAR(1 g) = 0.172 W/kg

Smallest distance from peaks to all points 3 dB below is 25.8 mm

Ratio of SAR at M2 to SAR at M1 = 92.9 %



ELEMENT

DUT: A3LSMA356U; Type: Portable Handset; Serial: 3490M

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

Medium: 750 Head; Medium parameters used:

$f = 836.5$ MHz; $\text{cond} = 0.932$ S/m; $\text{perm} = 41.1$; $\text{density} = 1000$ kg/m³

Phantom Section: Flat; Space: 15.00 mm

Test Date: 12/06/2023; Ambient Temp: 20.8°C; Tissue Temp: 19.2°C

Probe: EX3DV4 - SN7640; ConvF:(10.56,10.56,10.56); Calibrated: 2023-02-10

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

Electronics: DAE4 Sn1645; Calibrated: 2023-02-16

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

Measurement SW: DASY Module SAR V16.2.0.1425

**Mode: LTE Band 5, Antenna A, Exp: Body-worn| Back Side, Ch. Mid,
10 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

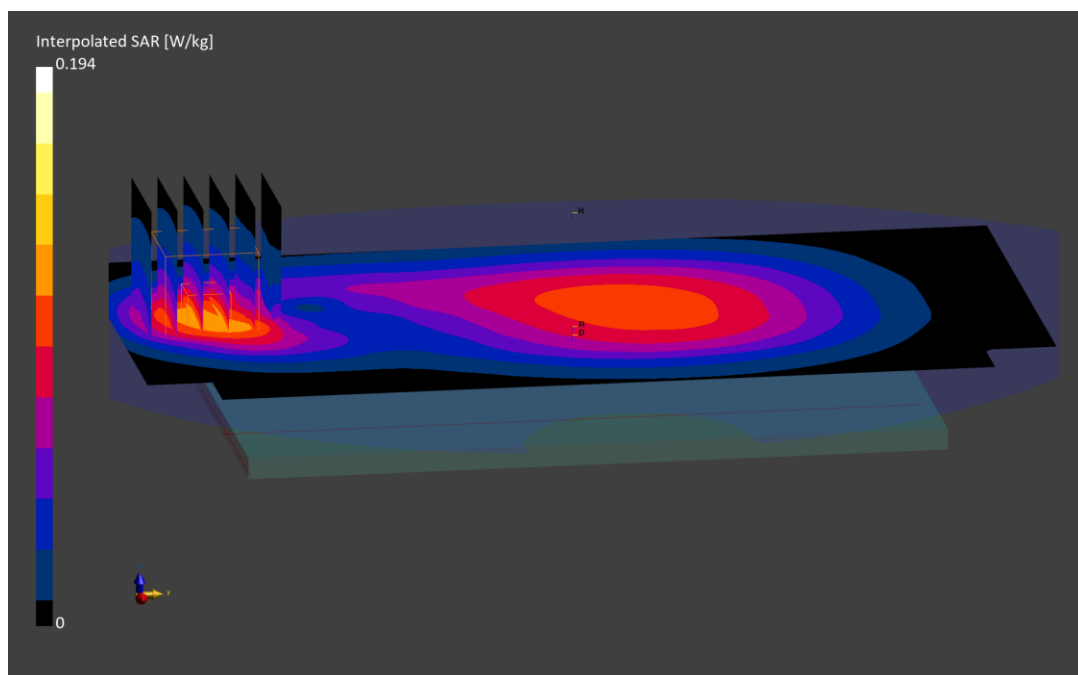
Reference Value = 0.10 W/kg; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.194 W/kg

SAR(1 g) = 0.114 W/kg

Smallest distance from peaks to all points 3 dB below is 12.6 mm

Ratio of SAR at M2 to SAR at M1 = 84.5 %



ELEMENT

DUT: A3LSMA356U; Type: Portable Handset; Serial: 3707M

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

Medium: 835 Head; Medium parameters used:

$f = 836.5$ MHz; $\text{cond} = 0.889$ S/m; $\text{perm} = 40.1$; $\text{density} = 1000$ kg/m³

Phantom Section: Flat; Space: 10.00 mm

Test Date: 11/20/2023; Ambient Temp: 20.7°C; Tissue Temp: 20.0°C

Probe: EX3DV4 - SN7640; ConvF:(10.56,10.56,10.56); Calibrated: 2023-02-10

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

Electronics: DAE4 Sn1645; Calibrated: 2023-02-16

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

Measurement SW: DASY Module SAR V16.2.0.1425

**Mode: LTE Band 5, Antenna A, Exp: Hotspot| Back Side, Ch. Mid,
10 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

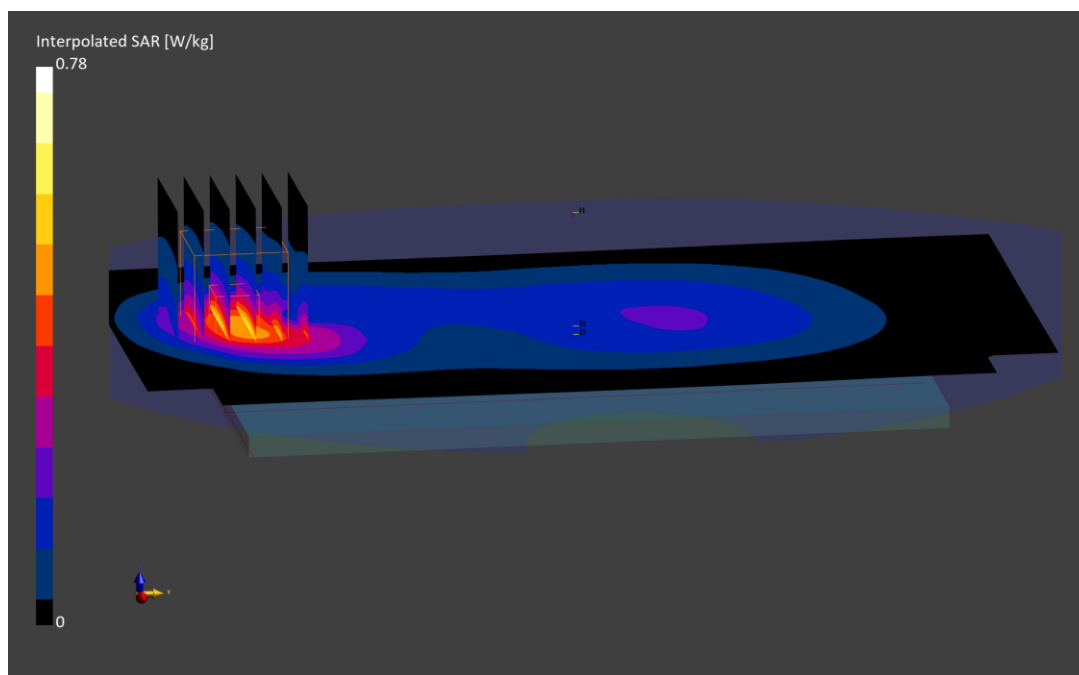
Reference Value = 0.32 W/kg; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 0.780 W/kg

SAR(1 g) = 0.421 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 = 82.0 %



ELEMENT

DUT: A3LSMA356U; Type: Portable Handset; Serial: 3707M

Communication System: UID:10297 - AAD, LTE-FDD; MAIA: Y; Frequency: 1720.0 MHz

Medium: 1750 Head; Medium parameters used:

f = 1720.0 MHz; cond = 1.31 S/m; perm = 38.2; density = 1000 kg/m³

Phantom Section: RightHead; Space: 0.00 mm

Test Date: 11/21/2023; Ambient Temp: 22.2°C; Tissue Temp: 21.1°C

Probe: EX3DV4 - SN7640; ConvF:(9.23,9.23,9.23); Calibrated: 2023-02-10

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

Electronics: DAE4 Sn1645; Calibrated: 2023-02-16

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

Measurement SW: DASY Module SAR V16.2.0.1425

**Mode: LTE Band 66, Antenna F, Exp: Head| Right Tilt, 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=5.9 mm, dy=5.9 mm, dz=1.5 mm; Graded Ratio: 1.5

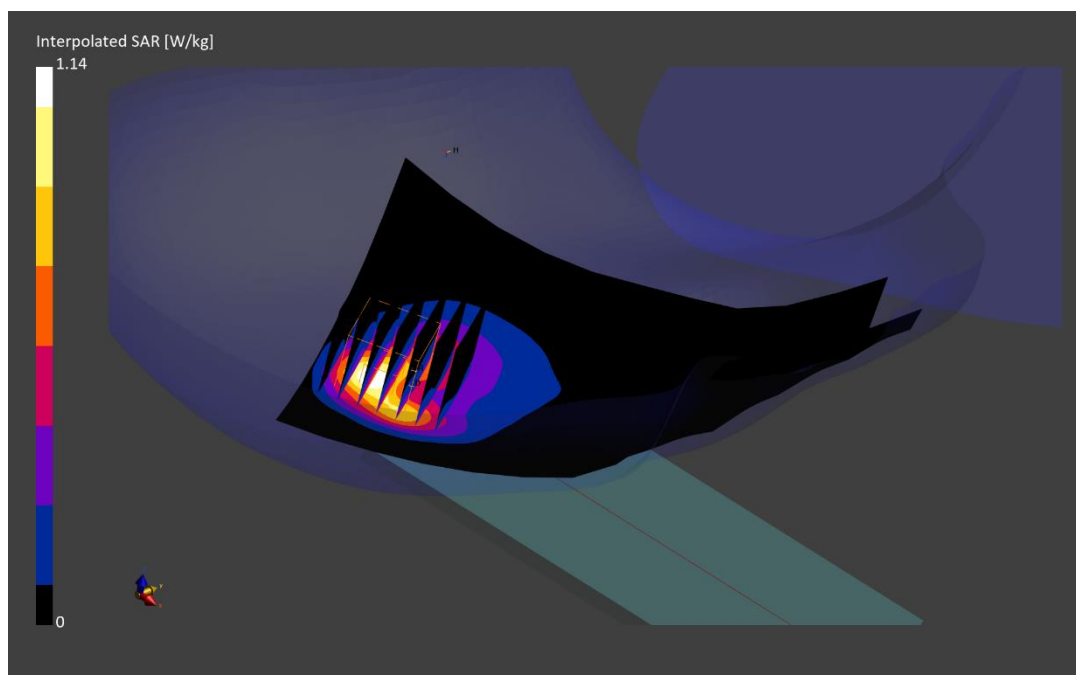
Reference Value = 0.49 W/kg; Power Drift = 0.00 dB

Peak SAR (extrapolated) = 1.14 W/kg

SAR(1 g) = 0.572 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 = 78.4 %



ELEMENT

DUT: A3LSMA356U; Type: Portable Handset; Serial: 3706M

Communication System: UID:10297 - AAD, LTE-FDD; MAIA: Y; Frequency: 1720.0 MHz

Medium: 1750 Head; Medium parameters used:

f = 1720.0 MHz; cond = 1.39 S/m; perm = 41.4; density = 1000 kg/m³

Phantom Section: Flat; Space: 15.00 mm

Test Date: 12/13/2023; Ambient Temp: 21.2°C; Tissue Temp: 20.0°C

Probe: EX3DV4 - SN7417; ConvF:(8.32,8.32,8.32); Calibrated: 2023-02-08

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

Electronics: DAE4 Sn665; Calibrated: 2023-02-15

Phantom: Twin-SAM V5.0; Serial: 1757

Measurement SW: DASY Module SAR V16.2.0.1425

**Mode: LTE Band 66, Antenna B, 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

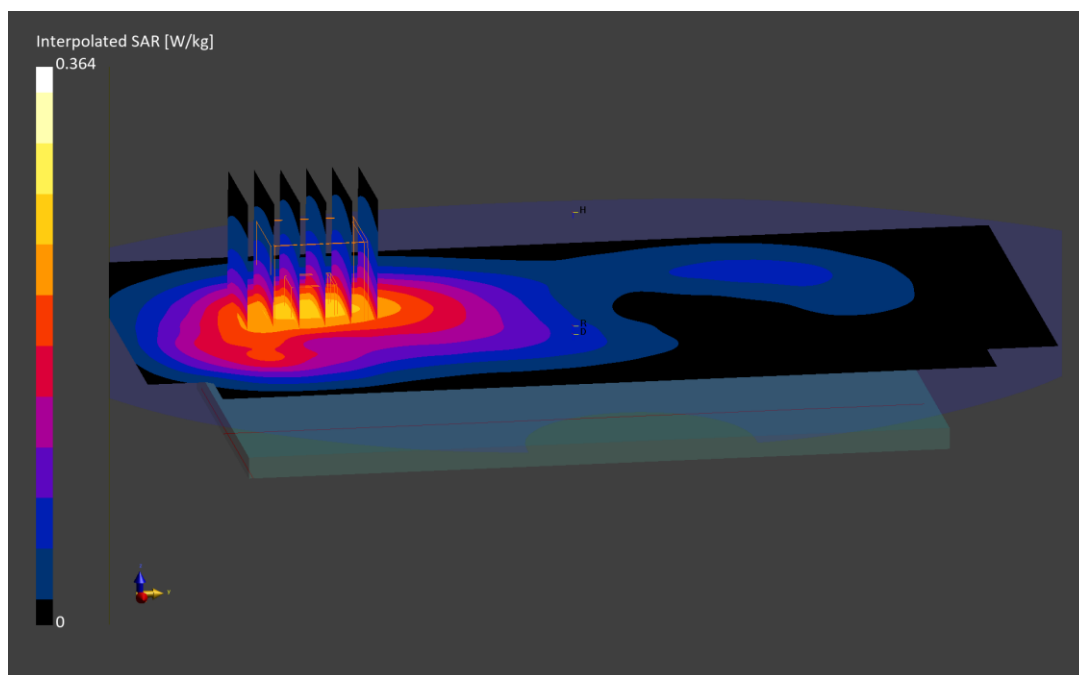
Reference Value = 0.21 W/kg; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 0.364 W/kg

SAR(1 g) = 0.228 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 = 85.9 %



ELEMENT

DUT: A3LSMA356U; Type: Portable Handset; Serial: 3647M

Communication System: UID:10297 - AAE, LTE-FDD; MAIA: Y; Frequency: 1720.0 MHz

Medium: 1750 Head; Medium parameters used:

f = 1720.0 MHz; cond = 1.35 S/m; perm = 39.7; density = 1000 kg/m³

Phantom Section: Flat; Space: 10.00 mm

Test Date: 11/15/2023; Ambient Temp: 21.8°C; Tissue Temp: 21.8°C

Probe: EX3DV4 - SN7491; ConvF:(8.69,8.69,8.69); Calibrated: 2023-06-08

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

Electronics: DAE4 Sn1532; Calibrated: 2023-06-15

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

Measurement SW: DASY Module SAR V16.2.0.1425

**Mode: LTE Band 66, Antenna B, Exp: Hotspot| Bottom Edge, Ch. Low,
20 MHz Bandwidth, QPSK, 50 RB, 25 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

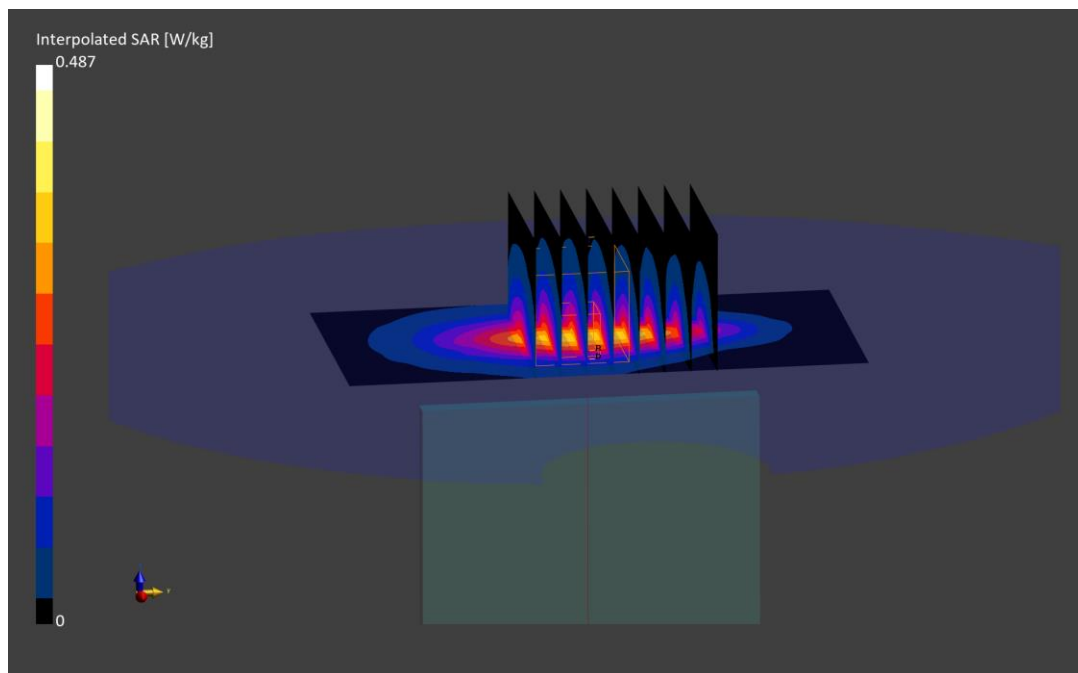
Reference Value = 0.25 W/kg; Power Drift = 0.00 dB

Peak SAR (extrapolated) = 0.487 W/kg

SAR(1 g) = 0.282 W/kg

Smallest distance from peaks to all points 3 dB below is 13.5 mm

Ratio of SAR at M2 to SAR at M1 = 84.8 %



ELEMENT

DUT: A3LSMA356U; Type: Portable Handset; Serial: 3423M

Communication System: UID:10297 - AAD, LTE-FDD; MAIA: Y; Frequency: 1882.5 MHz

Medium: 1900 Head; Medium parameters used:

f = 1882.5 MHz; cond = 1.42 S/m; perm = 38.7; density = 1000 kg/m³

Phantom Section: RightHead; Space: 0.00 mm

Test Date: 11/20/2023; Ambient Temp: 22.5°C; Tissue Temp: 22.7°C

Probe: EX3DV4 - SN7565; ConvF:(7.89,7.89,7.89); Calibrated: 2023-01-12

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

Electronics: DAE4 Sn1466; Calibrated: 2023-01-20

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

Measurement SW: DASY Module SAR V16.2.0.1425

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

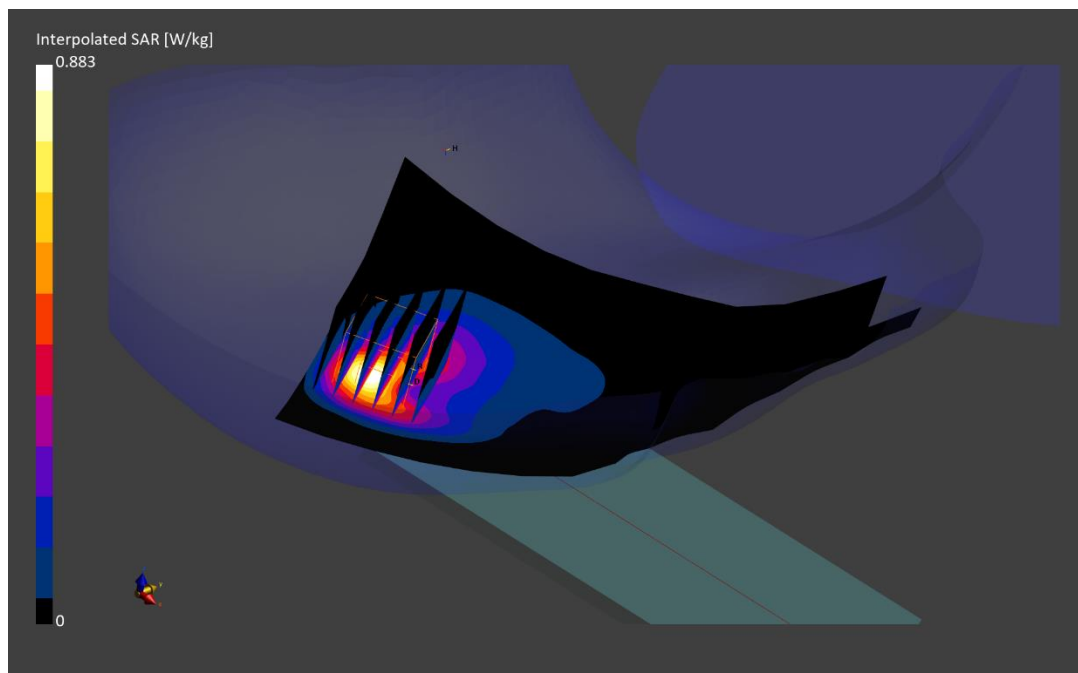
Reference Value = 0.41 W/kg; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 0.883 W/kg

SAR(1 g) = 0.457 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 = 80.2 %



ELEMENT

DUT: A3LSMA356U; Type: Portable Handset; Serial: 3616M

Communication System: UID:10169 - CAE, LTE-FDD; MAIA: Y; Frequency: 1860.0 MHz

Medium: 1900 Head; Medium parameters used:

f = 1860.0 MHz; cond = 1.38 S/m; perm = 39.0; density = 1000 kg/m³

Phantom Section: Flat; Space: 15.00 mm

Test Date: 12/18/2023; Ambient Temp: 20.1°C; Tissue Temp: 20.0°C

Probe: EX3DV4 - SN7409; ConvF:(8.2,8.2,8.2); Calibrated: 2023-06-15

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

Electronics: DAE4 Sn1334; Calibrated: 2023-06-15

Phantom: Twin-SAM V8.0; Serial: 1630

Measurement SW: DASY Module SAR V16.2.0.1425

**Mode: LTE Band 25, Antenna B, Exp: Body-worn| Back Side, Ch. Low,
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

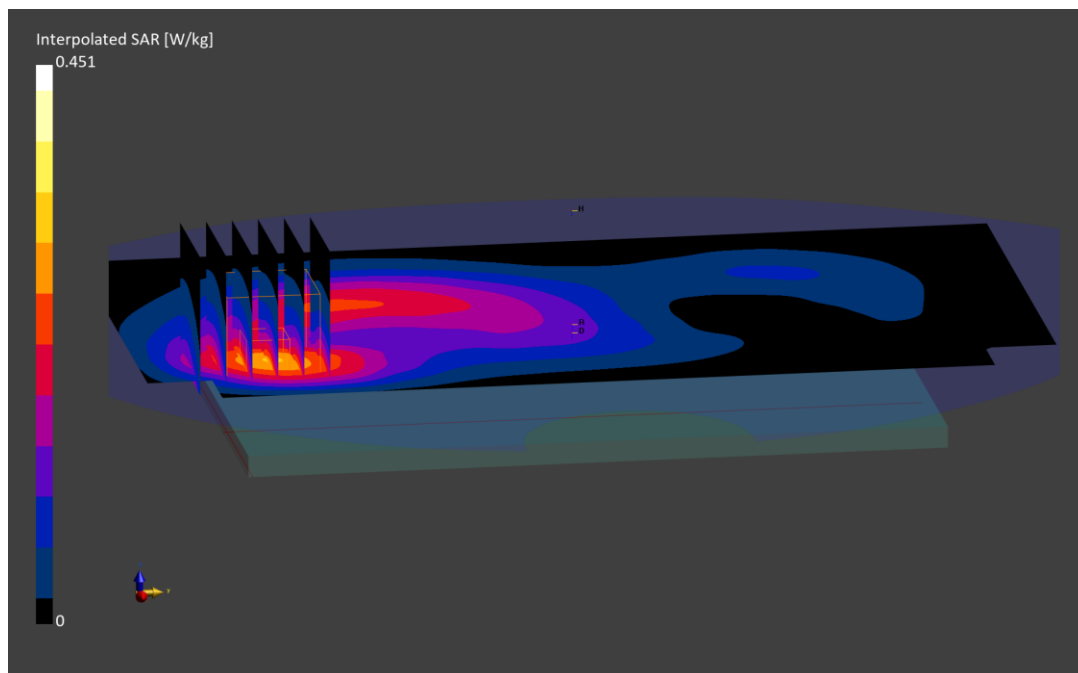
Reference Value = 0.25 W/kg; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 0.451 W/kg

SAR(1 g) = 0.249 W/kg

Smallest distance from peaks to all points 3 dB below is 13.5 mm

Ratio of SAR at M2 to SAR at M1 = 81.9 %



ELEMENT

DUT: A3LSMA356U; Type: Portable Handset; Serial: 3423M

Communication System: UID:10297 - AAE, LTE-FDD; MAIA: Y; Frequency: 1882.5 MHz

Medium: 1900 Head; Medium parameters used:

f = 1882.5 MHz; cond = 1.44 S/m; perm = 39.5; density = 1000 kg/m³

Phantom Section: Flat; Space: 10.00 mm

Test Date: 11/15/2023; Ambient Temp: 21.8°C; Tissue Temp: 21.8°C

Probe: EX3DV4 - SN7491; ConvF:(8.27,8.27,8.27); Calibrated: 2023-06-08

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

Electronics: DAE4 Sn1532; Calibrated: 2023-06-15

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

Measurement SW: DASY Module SAR V16.2.0.1425

**Mode: LTE Band 25, Antenna B, Exp: Hotspot| Bottom Edge, Ch. Mid,
20 MHz Bandwidth, QPSK, 50 RB, 50 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

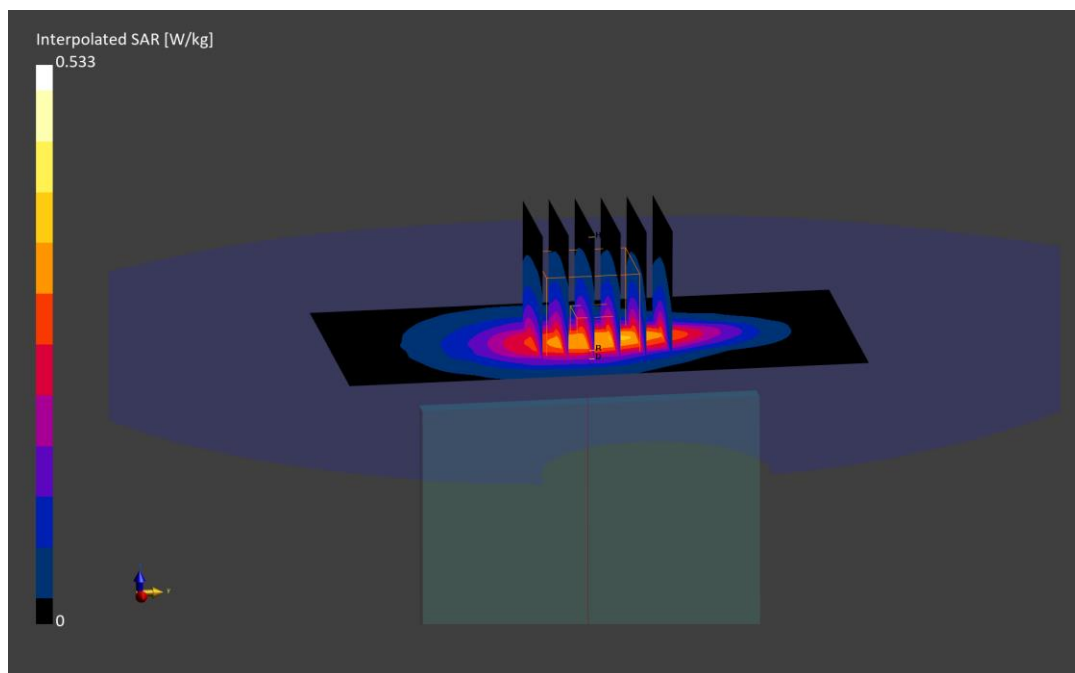
Reference Value = 0.28 W/kg; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 0.533 W/kg

SAR(1 g) = 0.302 W/kg

Smallest distance from peaks to all points 3 dB below is 12.6 mm

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



ELEMENT

DUT: A3LSMA356U; Type: Portable Handset; Serial: 3411M

Communication System: UID:10175 - CAG, LTE-FDD; MAIA: Y; Frequency: 2310.0 MHz

Medium: 2450 Head; Medium parameters used:

f = 2310.0 MHz; cond = 1.74 S/m; perm = 38.1; density = 1000 kg/m³

Phantom Section: RightHead; Space: 0.00 mm

Test Date: 11/20/2023; Ambient Temp: 21.3°C; Tissue Temp: 20.0°C

Probe: EX3DV4 - SN7558; ConvF:(7.93,7.93,7.93); Calibrated: 2023-09-12

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

Electronics: DAE4 Sn1364; Calibrated: 2023-09-06

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

Measurement SW: DASY Module SAR V16.2.0.1425

**Mode: LTE Band 30, Antenna F, Exp: Head| Right Cheek, Ch. Mid,
10 MHz Bandwidth, QPSK, 1 RB, 49 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

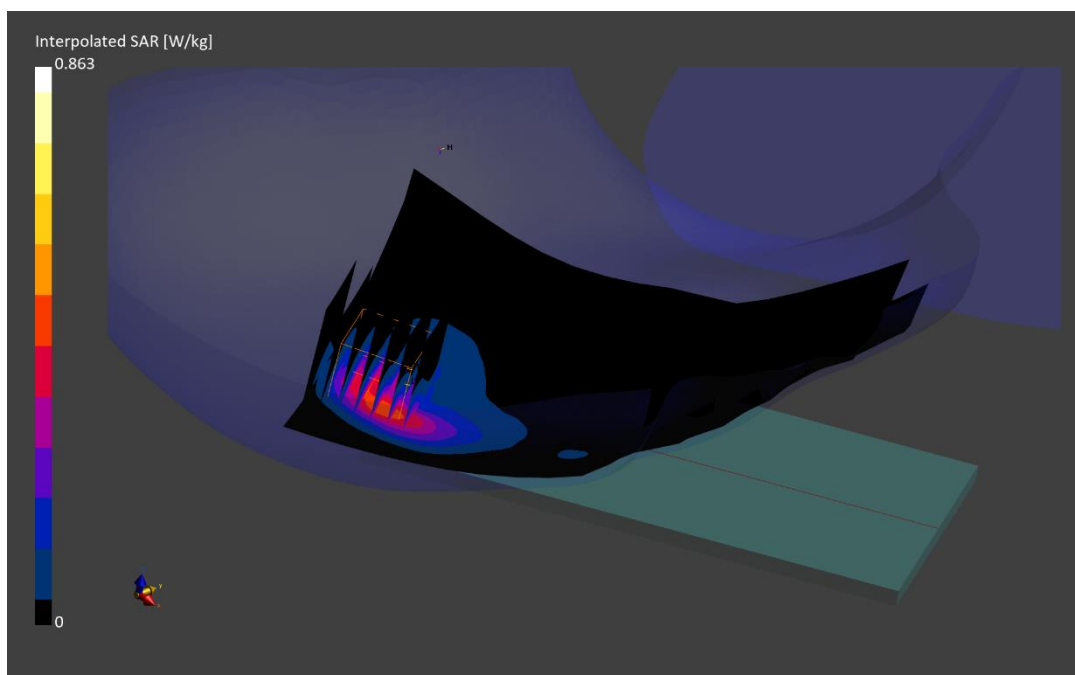
Reference Value = 0.38 W/kg; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 0.863 W/kg

SAR(1 g) = 0.390 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 = 77.9 %



ELEMENT

DUT: A3LSMA356U; Type: Portable Handset; Serial: 3651M

Communication System: UID:10154 - CAG, LTE-FDD; MAIA: Y; Frequency: 2310.0 MHz

Medium: 2450 Head; Medium parameters used:

f = 2310.0 MHz; cond = 1.70 S/m; perm = 38.7; density = 1000 kg/m³

Phantom Section: Flat; Space: 15.00 mm

Test Date: 12/13/2023; Ambient Temp: 20.8°C; Tissue Temp: 19.4°C

Probe: EX3DV4 - SN7713; ConvF:(8.53,8.53,8.53); Calibrated: 2023-01-11

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

Electronics: DAE4 Sn1530; Calibrated: 2023-01-18

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

Measurement SW: DASY Module SAR V16.2.0.1425

**Mode: LTE Band 30, Antenna B, Exp: Body-worn| Back Side, Ch. Mid,
10 MHz Bandwidth, QPSK, 25 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

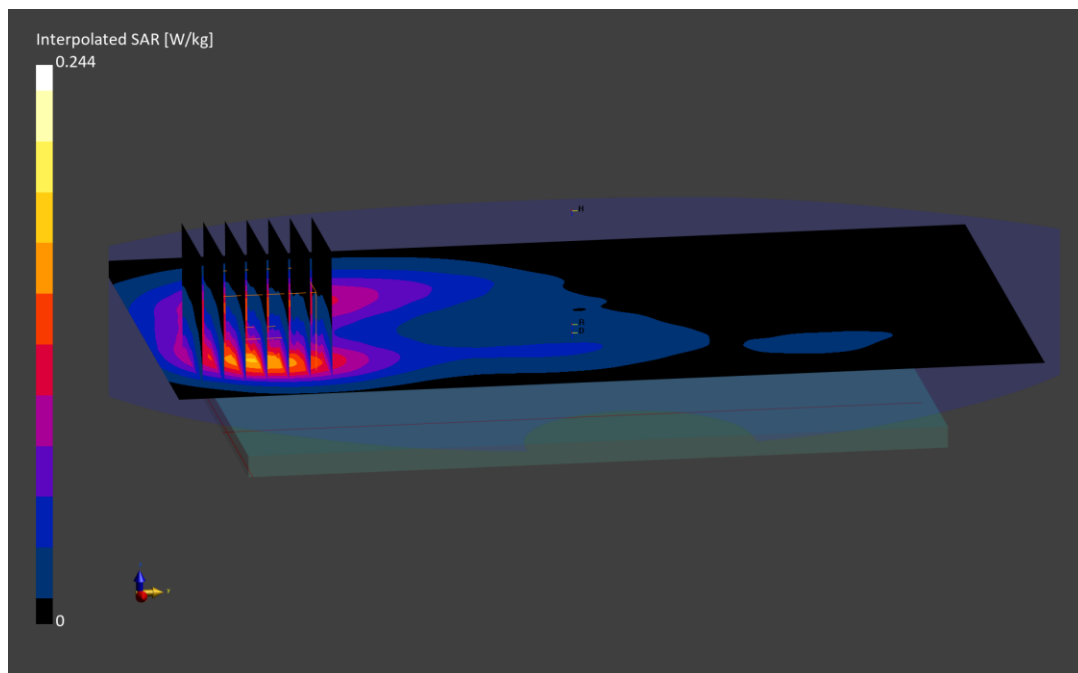
Reference Value = 0.15 W/kg; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 0.244 W/kg

SAR(1 g) = 0.128 W/kg

Smallest distance from peaks to all points 3 dB below is 12.7 mm

Ratio of SAR at M2 to SAR at M1 = 79.6 %



ELEMENT

DUT: A3LSMA356U; Type: Portable Handset; Serial: 3411M

Communication System: UID:10175 - CAG, LTE-FDD; MAIA: Y; Frequency: 2310.0 MHz

Medium: 2450 Head; Medium parameters used:

f = 2310.0 MHz; cond = 1.75 S/m; perm = 38.1; density = 1000 kg/m³

Phantom Section: Flat; Space: 10.00 mm

Test Date: 11/22/2023; Ambient Temp: 21.5°C; Tissue Temp: 20.5°C

Probe: EX3DV4 - SN7558; ConvF:(7.93,7.93,7.93); Calibrated: 2023-09-12

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

Electronics: DAE4 Sn1364; Calibrated: 2023-09-06

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

Measurement SW: DASY Module SAR V16.2.0.1425

**Mode: LTE Band 30, Antenna F, Exp: Hotspot| Top Edge, Ch. Mid,
10 MHz Bandwidth, QPSK, 1 RB, 49 RB Offset**

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

Zoom Scan (30.0 x 50.0 x 30.0): Measurement grid: dx=5.0 mm, dy=5.0 mm, dz=1.5 mm; Graded Ratio: 1.5

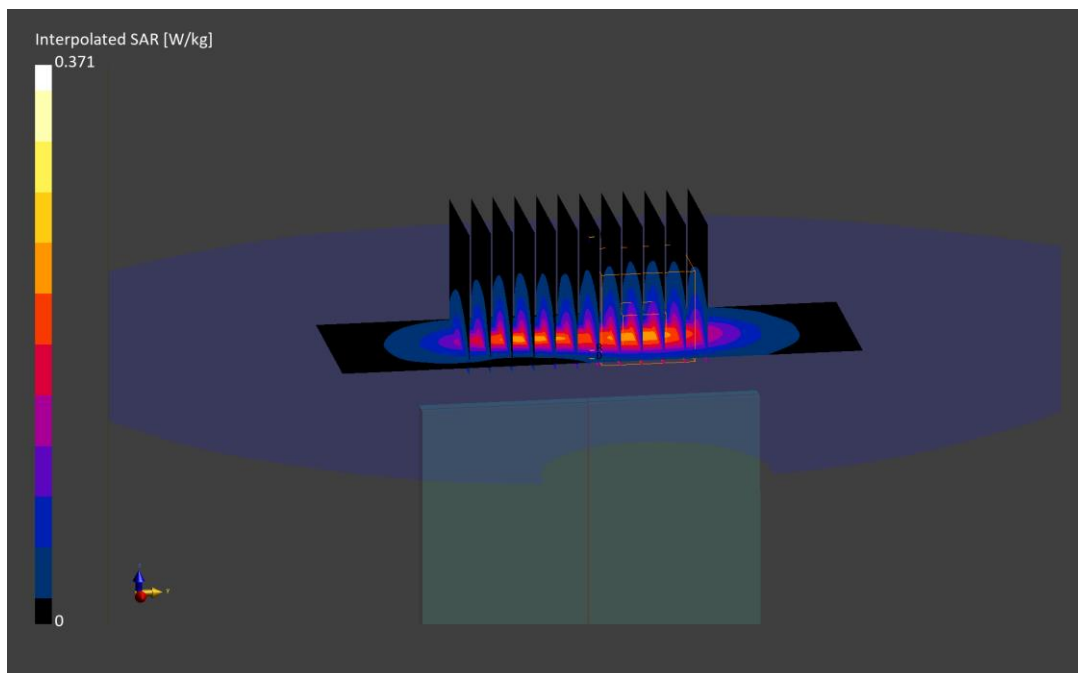
Reference Value = 0.18 W/kg; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.371 W/kg

SAR(1 g) = 0.189 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 = 77.3 %



ELEMENT

DUT: A3LSMA356U; Type: Portable Handset; Serial: 3411M

Communication System: UID:10169 - CAE, LTE-FDD; MAIA: Y; Frequency: 2560.0 MHz

Medium: 2450 Head; Medium parameters used:

f = 2560.0 MHz; cond = 1.93 S/m; perm = 37.8; density = 1000 kg/m³

Phantom Section: RightHead; Space: 0.00 mm

Test Date: 11/20/2023; Ambient Temp: 21.3°C; Tissue Temp: 20.0°C

Probe: EX3DV4 - SN7558; ConvF:(7.42,7.42,7.42); Calibrated: 2023-09-12

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

Electronics: DAE4 Sn1364; Calibrated: 2023-09-06

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

Measurement SW: DASY Module SAR V16.2.0.1425

**Mode: LTE Band 7, Antenna F, Exp: Head| Right Tilt, Ch. High,
20 MHz Bandwidth, QPSK, 1 RB, 0 RB Offset**

Area Scan (120.0 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

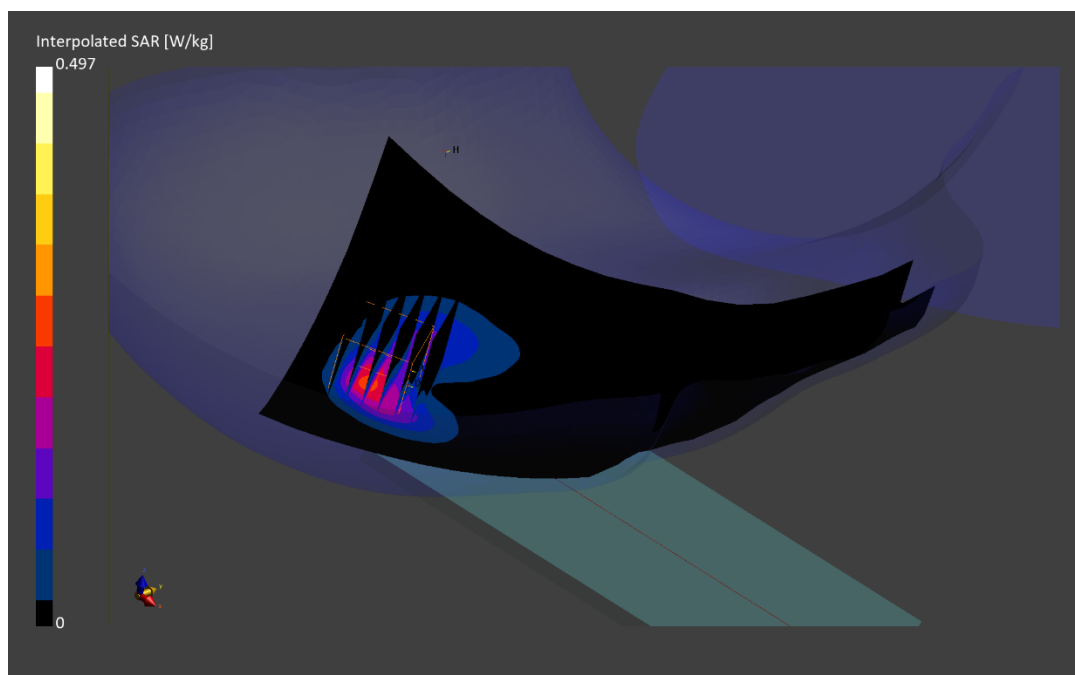
Reference Value = 0.23 W/kg; Power Drift = 0.00 dB

Peak SAR (extrapolated) = 0.497 W/kg

SAR(1 g) = 0.216 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 = 77.6 %



ELEMENT

DUT: A3LSMA356U; Type: Portable Handset; Serial: 3423M

Communication System: UID:10297 - AAD, LTE-FDD; MAIA: Y; Frequency: 2510.0 MHz

Medium: 2450 Head; Medium parameters used:

f = 2510.0 MHz; cond = 1.83 S/m; perm = 38.9; density = 1000 kg/m³

Phantom Section: Flat; Space: 15.00 mm

Test Date: 12/13/2023; Ambient Temp: 22.0°C; Tissue Temp: 21.7°C

Probe: EX3DV4 - SN7565; ConvF:(7.08,7.08,7.08); Calibrated: 2023-01-12

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

Electronics: DAE4 Sn1466; Calibrated: 2023-01-20

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

Measurement SW: DASY Module SAR V16.2.0.1425

**Mode: LTE Band 7, Antenna B, Exp: Body-worn| Back Side, Ch. Low,
20 MHz Bandwidth, QPSK, 50 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

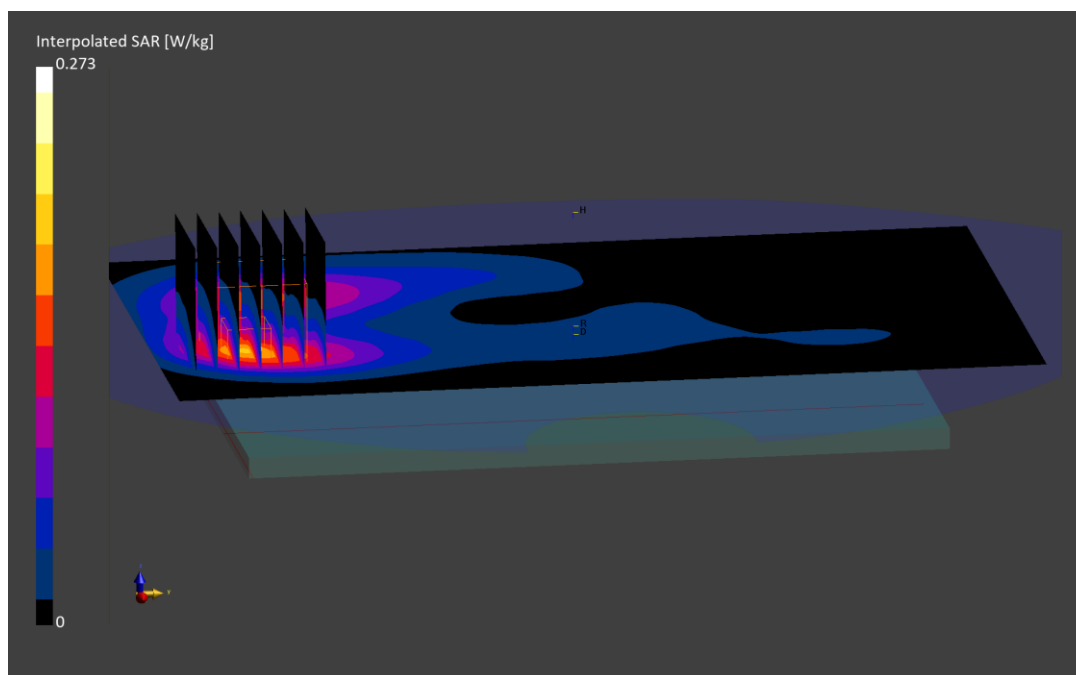
Reference Value = 0.12 W/kg; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 0.273 W/kg

SAR(1 g) = 0.144 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 = 81.4 %



ELEMENT

DUT: A3LSMA356U; Type: Portable Handset; Serial: 3423M

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

Medium: 2450 Head; Medium parameters used:

f = 2535.0 MHz; cond = 1.85 S/m; perm = 38.9; density = 1000 kg/m³

Phantom Section: Flat; Space: 10.00 mm

Test Date: 12/13/2023; Ambient Temp: 22.0°C; Tissue Temp: 21.7°C

Probe: EX3DV4 - SN7565; ConvF:(6.89,6.89,6.89); Calibrated: 2023-01-12

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

Electronics: DAE4 Sn1466; Calibrated: 2023-01-20

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

Measurement SW: DASY Module SAR V16.2.0.1425

**Mode: LTE Band 7, Antenna B, Exp: Hotspot| Bottom Edge, Ch. Mid,
20 MHz Bandwidth, QPSK, 1 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

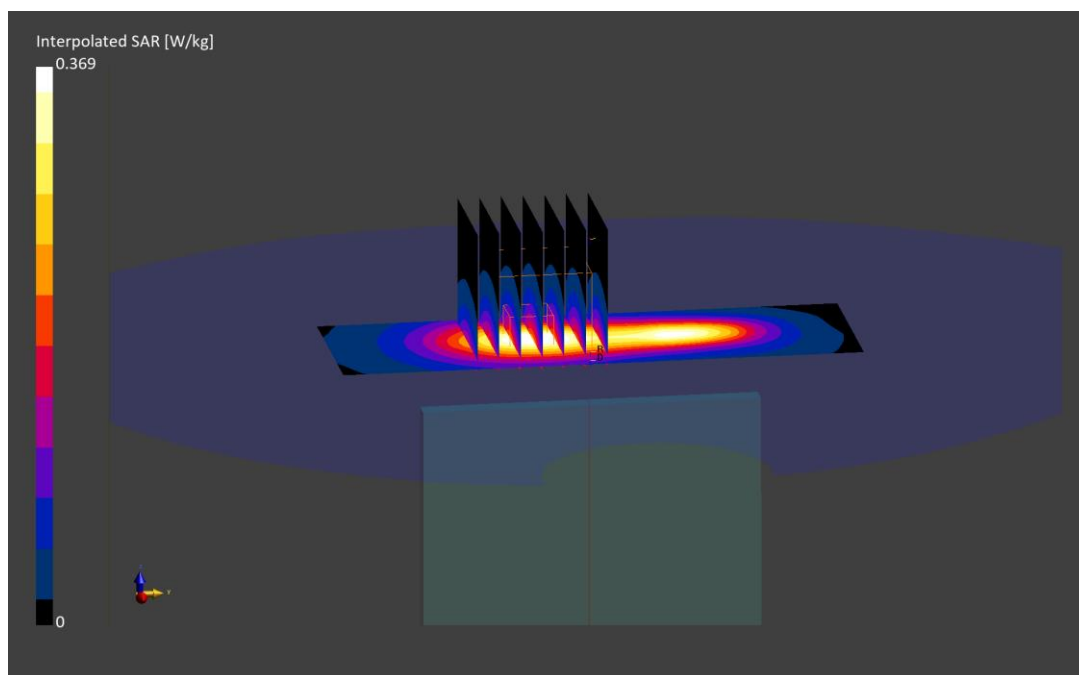
Reference Value = 0.17 W/kg; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 0.369 W/kg

SAR(1 g) = 0.194 W/kg

Smallest distance from peaks to all points 3 dB below is 13.0 mm

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



ELEMENT

DUT: A3LSMA356U; Type: Portable Handset; Serial: 3434M

Communication System: UID:10151 - CAG, LTE-TDD; MAIA: Y; Frequency: 2680.0 MHz

Medium: 2450 Head; Medium parameters used:

f = 2680.0 MHz; cond = 1.96 S/m; perm = 37.7; density = 1000 kg/m³

Phantom Section: RightHead; Space: 0.00 mm

Test Date: 12/20/2023; Ambient Temp: 20.6°C; Tissue Temp: 19.3°C

Probe: EX3DV4 - SN7409; ConvF:(7.17,7.17,7.17); Calibrated: 2023-06-15

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

Electronics: DAE4 Sn1334; Calibrated: 2023-06-15

Phantom: Twin-SAM V8.0; Serial: 1630

Measurement SW: DASY Module SAR V16.2.0.1425

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

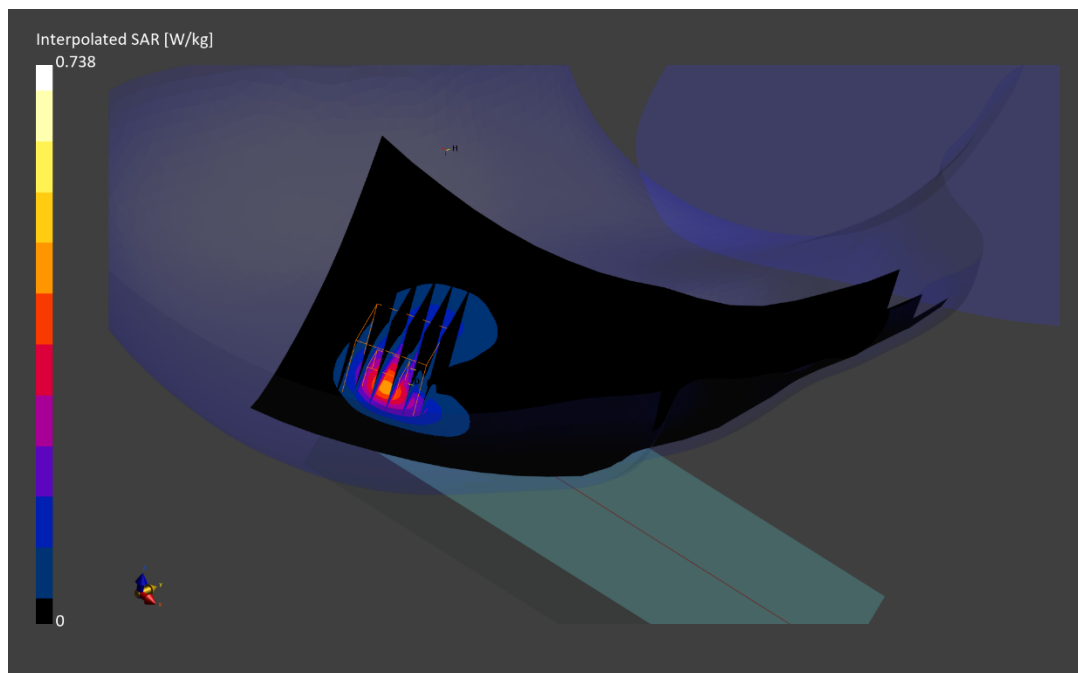
Reference Value = 0.38 W/kg; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 0.738 W/kg

SAR(1 g) = 0.336 W/kg

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

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



ELEMENT

DUT: A3LSMA356U; Type: Portable Handset; Serial: 0751M

Communication System: UID:10172 - CAH, LTE-TDD; MAIA: Y; Frequency: 2636.500 MHz

Medium: 2450 Head; Medium parameters used:

$f = 2636.500$ MHz; $\text{cond} = 1.96$ S/m; $\text{perm} = 37.9$; $\text{density} = 1000$ kg/m³

Phantom Section: Flat; Space: 15.00 mm

Test Date: 01/08/2024; Ambient Temp: 20.0°C; Tissue Temp: 20.0°C

Probe: EX3DV4 - SN7409; ConvF:(7.17,7.17,7.17); Calibrated: 2023-06-15

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

Electronics: DAE4 Sn1334; Calibrated: 2023-06-15

Phantom: Twin-SAM V8.0; Serial: 1630

Measurement SW: DASY Module SAR V16.2.4.2524

**Mode: LTE Band 41, HPUE, Antenna B, Exp: Body-worn| Back Side, Ch. Mid-High,
20 MHz Bandwidth, QPSK, 1 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

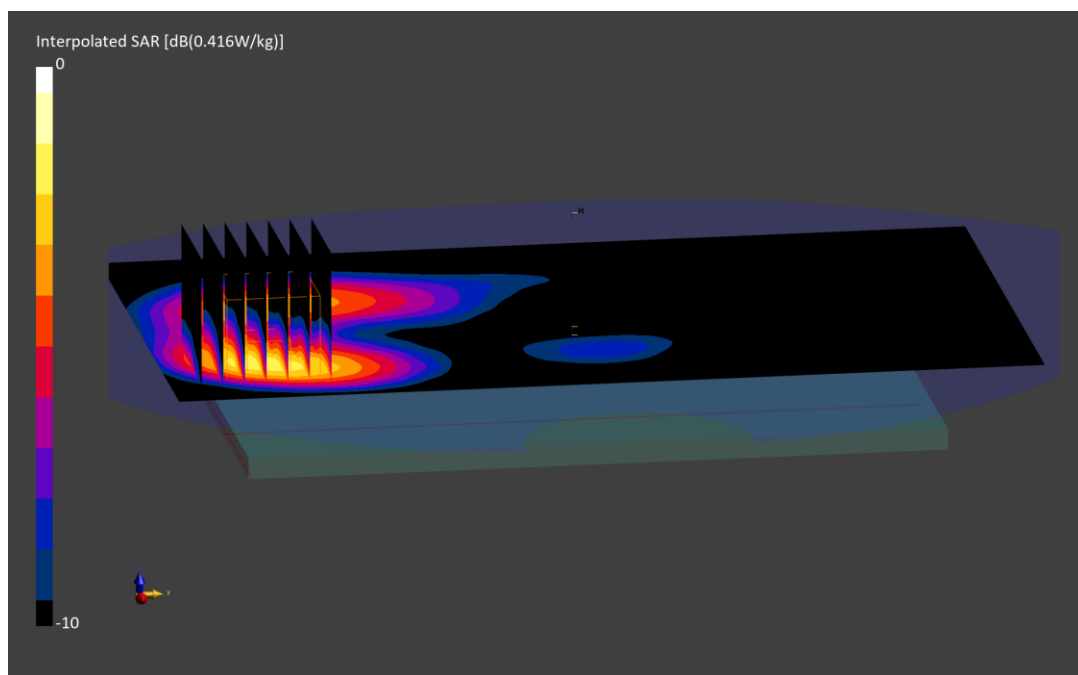
Reference Value = 0.22 W/kg; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 0.416 W/kg

SAR(1 g) = 0.210 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 = 80.6 %



ELEMENT

DUT: A3LSMA356U; Type: Portable Handset; Serial: 0751M

Communication System: UID:10151 - CAH, LTE-TDD; MAIA: Y; Frequency: 2636.5 MHz

Medium: 2450 Head; Medium parameters used:

f = 2636.5 MHz; cond = 1.96 S/m; perm = 37.9; density = 1000 kg/m³

Phantom Section: Flat; Space: 10.00 mm

Test Date: 01/08/2024; Ambient Temp: 20.0°C; Tissue Temp: 20.0°C

Probe: EX3DV4 - SN7409; ConvF:(7.17,7.17,7.17); Calibrated: 2023-06-15

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

Electronics: DAE4 Sn1334; Calibrated: 2023-06-15

Phantom: Twin-SAM V8.0; Serial: 1630

Measurement SW: DASY Module SAR V16.2.0.1425

Mode: LTE Band 41, HPUE, Antenna B, Exp: Hotspot| Bottom Edge

PCC: Ch. 41055, 20 MHz Bandwidth, QPSK, 50 RB, 0 RB Offset

SCC: Ch. 4085, 20 MHz Bandwidth, QPSK, 50 RB, 50 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

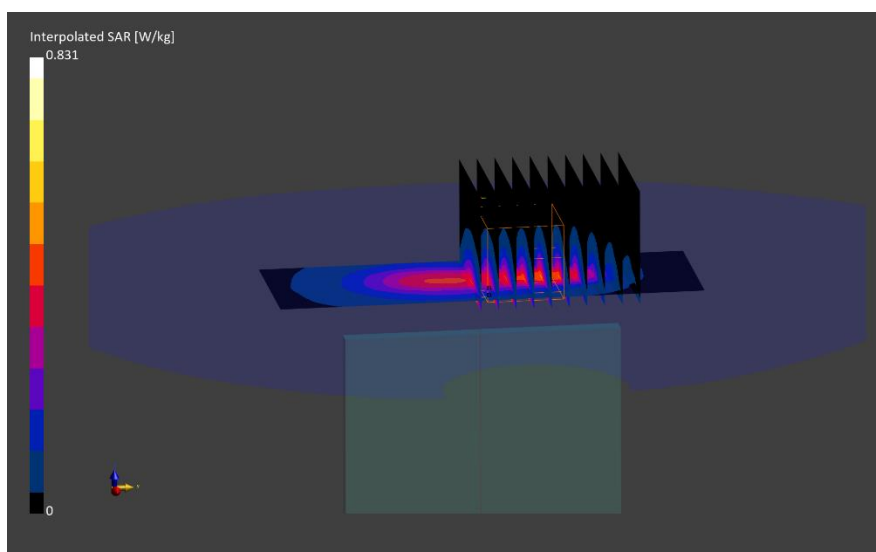
Reference Value = 0.41 W/kg; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 0.831 W/kg

SAR(1 g) = 0.399 W/kg

Smallest distance from peaks to all points 3 dB below is 9.0 mm

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



ELEMENT

DUT: A3LSMA356U; Type: Portable Handset; Serial: 3714M

Communication System: UID:10435 - AAF, LTE-TDD; MAIA: Y; Frequency: 3560.0 MHz

Medium: 3600 Head; Medium parameters used:

f = 3560.0 MHz; cond = 2.89 S/m; perm = 39.2; density = 1000 kg/m³

Phantom Section: RightHead; Space: 0.00 mm

Test Date: 12/26/2023; Ambient Temp:20.9°C; Tissue Temp: 19.4°C

Probe: EX3DV4 - SN7659; ConvF:(7.81,7.81,7.81); Calibrated: 2023-04-14

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

Electronics: DAE4 Sn1407; Calibrated: 2023-04-14

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

Measurement SW: DASY Module SAR V16.2.0.1425

**Mode: LTE Band 48, Antenna G, Exp: Head| Right Cheek, 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 (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

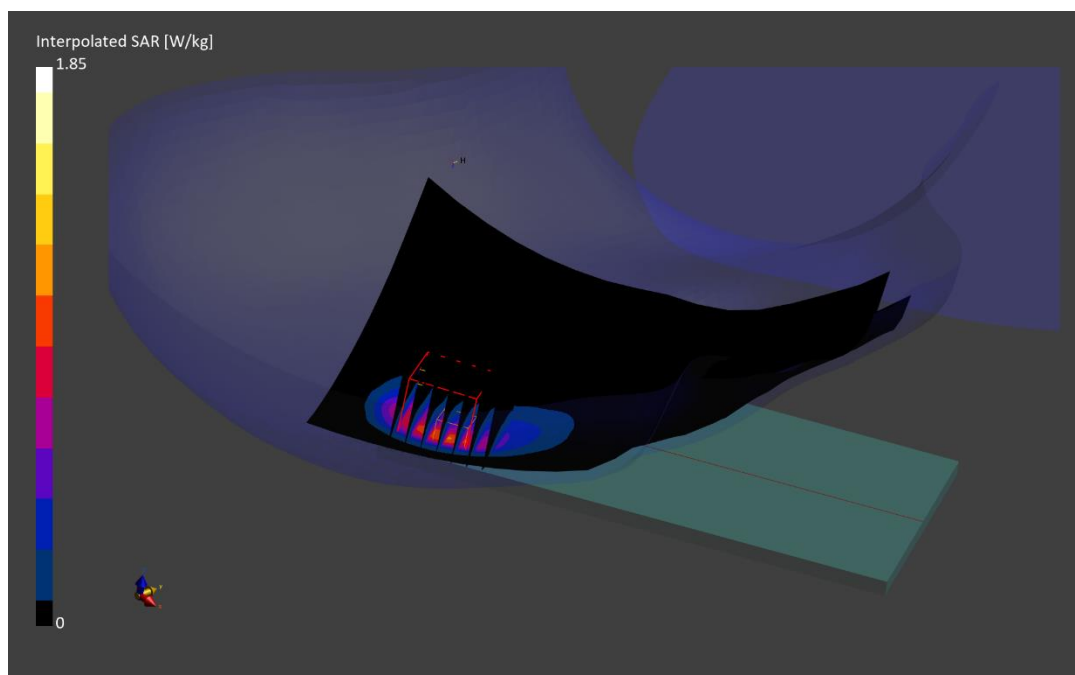
Reference Value = 0.60 W/kg; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 1.85 W/kg

SAR(1 g) = 0.750 W/kg

Smallest distance from peaks to all points 3 dB below is 7.1 mm

Ratio of SAR at M2 to SAR at M1 = 76.5 %



ELEMENT

DUT: A3LSMA356U; Type: Portable Handset; Serial: 3714M

Communication System: UID:10494 - AAF, LTE-TDD; MAIA: Y; Frequency: 3560.0 MHz

Medium: 3600 Head; Medium parameters used:

f = 3560.0 MHz; cond = 2.89 S/m; perm = 39.2; density = 1000 kg/m³

Phantom Section: Flat; Space: 15.00 mm

Test Date: 12/26/2023; Ambient Temp:20.9°C; Tissue Temp: 19.4°C

Probe: EX3DV4 - SN7659; ConvF:(7.81,7.81,7.81); Calibrated: 2023-04-14

Sensor-Surface: 1.4mm (All points)

Electronics: DAE4 Sn1407; Calibrated: 2023-04-14

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

Measurement SW: DASY Module SAR V16.2.0.1425

**Mode: LTE Band 48, Antenna G, Exp: Body-worn| Back Side, Ch. Low,
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 (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

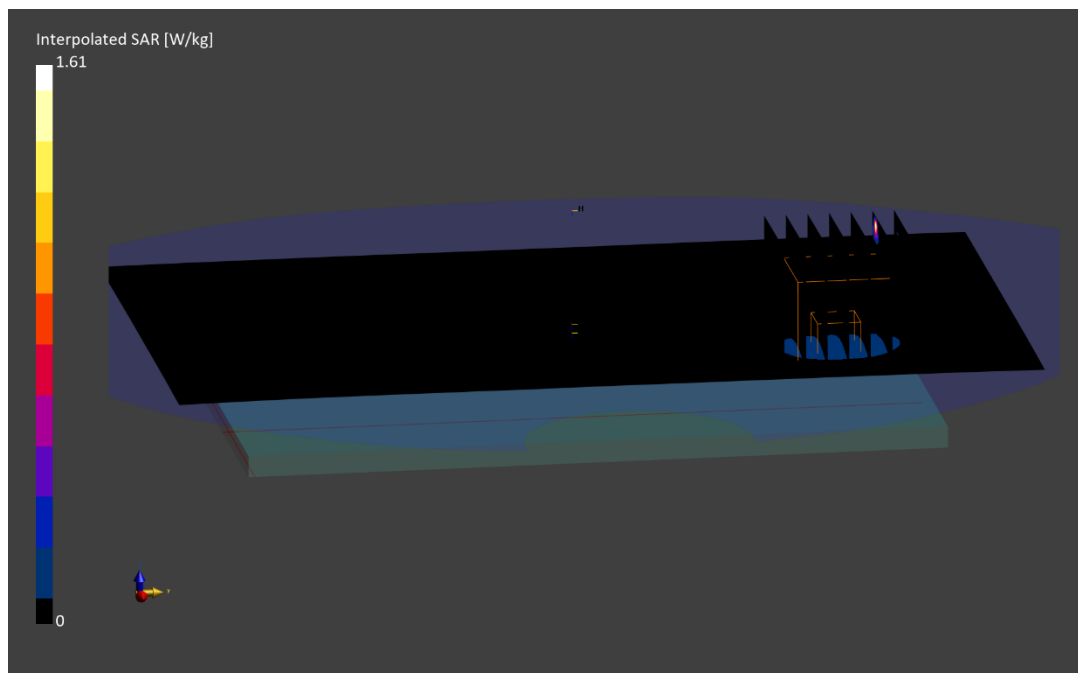
Reference Value = 0.11 W/kg; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 1.61 W/kg

SAR(1 g) = 0.142 W/kg

Smallest distance from peaks to all points 3 dB below is 16.7 mm

Ratio of SAR at M2 to SAR at M1 = 76.8 %



ELEMENT

DUT: A3LSMA356U; Type: Portable Handset; Serial: 3714M

Communication System: UID:10494 - AAF, LTE-TDD; MAIA: Y; Frequency: 3560.0 MHz

Medium: 3600 Head; Medium parameters used:

f = 3560.0 MHz; cond = 2.89 S/m; perm = 39.2; density = 1000 kg/m³

Phantom Section: Flat; Space: 10.00 mm

Test Date: 12/26/2023; Ambient Temp: 20.9°C; Tissue Temp: 19.4°C

Probe: EX3DV4 - SN7659; ConvF:(7.81,7.81,7.81); Calibrated: 2023-04-14

Sensor-Surface: 1.4mm (All points)

Electronics: DAE4 Sn1407; Calibrated: 2023-04-14

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

Measurement SW: DASY Module SAR V16.2.0.1425

**Mode: LTE Band 48, Antenna G, Exp: Hotspot| Left Edge, Ch. Low,
20 MHz Bandwidth, QPSK, 50 RB, 50 RB Offset**

Area Scan (40.0 x 200.0): 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

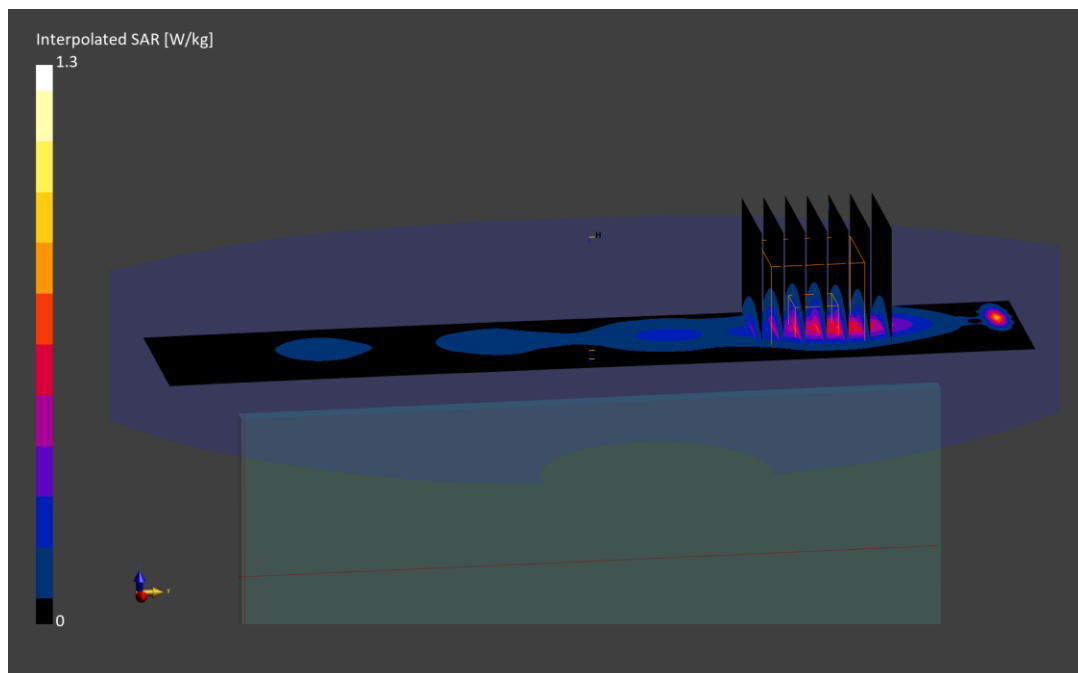
Reference Value = 0.40 W/kg; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 1.30 W/kg

SAR(1 g) = 0.539 W/kg

Smallest distance from peaks to all points 3 dB below is 9.9 mm

Ratio of SAR at M2 to SAR at M1 = 76.3 %



ELEMENT

DUT: A3LSMA356U; Type: Portable Handset; Serial: 3654M

Communication System: UID:10931 - AAC, 5G NR FR1 FDD; MAIA: Y; Frequency: 680.5 MHz

Medium: 750 Head; Medium parameters used:

$f = 680.5$ MHz; $\text{cond} = 0.860$ S/m; $\text{perm} = 41.6$; $\text{density} = 1000$ kg/m³

Phantom Section: Right Head; Space: 0.00 mm

Test Date: 11/24/2023; Ambient Temp: 21.6°C; Tissue Temp: 20.6°C

Probe: EX3DV4 - SN7491; ConvF:(9.91,9.91,9.91); Calibrated: 2023-06-08

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

Electronics: DAE4 Sn1532; Calibrated: 2023-06-15

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

Measurement SW: DASY Module SAR V16.2.0.1425

**Mode: NR Band n71, Antenna A, Exp: Head| Right Cheek, Ch. 136100,
20 MHz Bandwidth, DFT-s-OFDM QPSK, 1 RB, 53 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

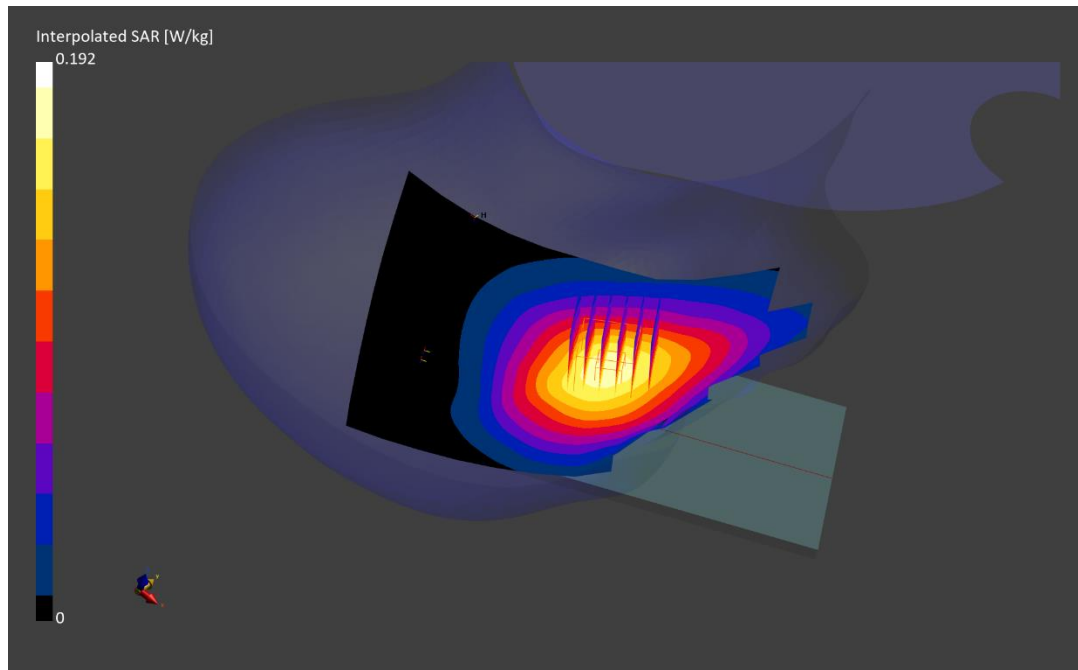
Reference Value = 0.15 W/kg; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 0.192 W/kg

SAR(1 g) = 0.156 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 = 95.8 %



ELEMENT

DUT: A3LSMA356U; Type: Portable Handset; Serial: 3431M

Communication System: UID:10931 - AAC, 5G NR FR1 FDD; MAIA: Y; Frequency: 680.5 MHz

Medium: 750 Head; Medium parameters used:

$f = 680.5$ MHz; $\text{cond} = 0.908$ S/m; $\text{perm} = 42.8$; $\text{density} = 1000$ kg/m³

Phantom Section: Flat; Space: 15.00 mm

Test Date: 12/13/2023; Ambient Temp: 21.0°C; Tissue Temp: 22.0°C

Probe: EX3DV4 - SN7570; ConvF:(10.29,10.29,10.29); Calibrated: 2023-01-11

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

Electronics: DAE4 Sn1558; Calibrated: 2023-01-17

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

Measurement SW: DASY Module SAR V16.2.0.1425

**Mode: NR Band n71, Antenna A, Exp: Body-worn| Back Side, Ch. 136100,
20 MHz Bandwidth, DFT-s-OFDM QPSK, 1 RB, 53 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

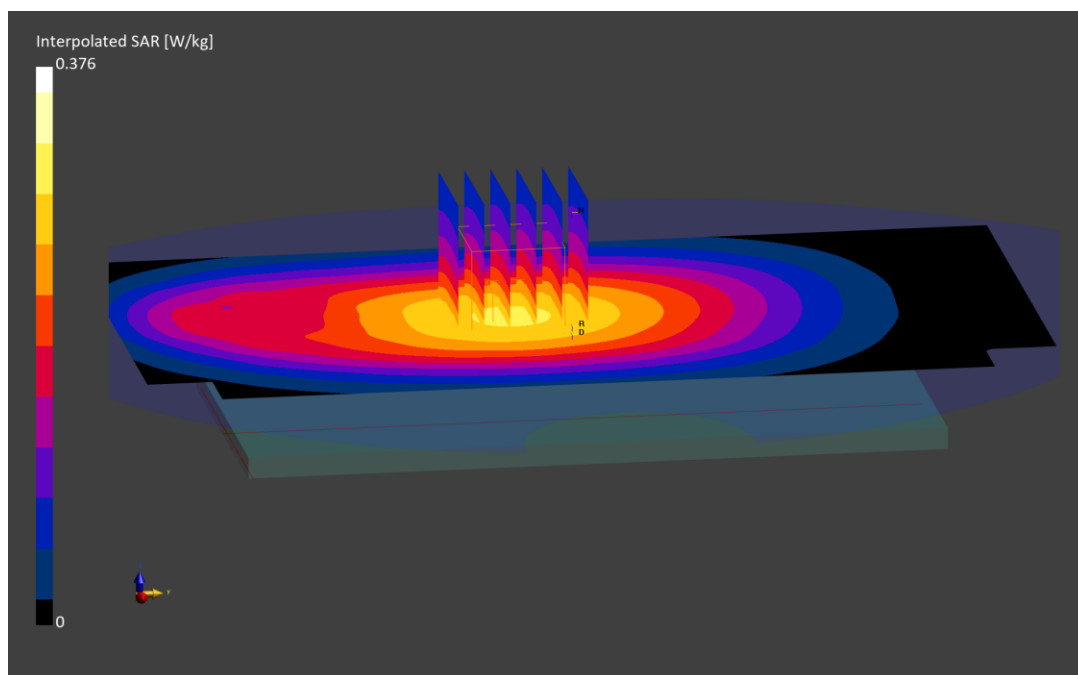
Reference Value = 0.26 W/kg; Power Drift = 0.01

Peak SAR (extrapolated) = 0.376 W/kg

SAR(1 g) = 0.269 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 = 87.8 %



ELEMENT

DUT: A3LSMA356U; Type: Portable Handset; Serial: 3654M

Communication System: UID:10931 - AAC, 5G NR FR1 FDD; MAIA: Y; Frequency: 680.5 MHz

Medium: 750 Head; Medium parameters used:

$f = 680.5$ MHz; $\text{cond} = 0.850$ S/m; $\text{perm} = 41.4$; $\text{density} = 1000$ kg/m³

Phantom Section: Flat; Space: 10.00 mm

Test Date: 11/27/2023; Ambient Temp: 20.3°C; Tissue Temp: 19.6°C

Probe: EX3DV4 - SN7491; ConvF:(9.91,9.91,9.91); Calibrated: 2023-06-08

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

Electronics: DAE4 Sn1532; Calibrated: 2023-06-15

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

Measurement SW: DASY Module SAR V16.2.0.1425

**Mode: NR Band n71, Antenna A, Exp: Hotspot| Right Edge, Ch. 136100,
20 MHz Bandwidth, DFT-s-OFDM QPSK, 1 RB, 53 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

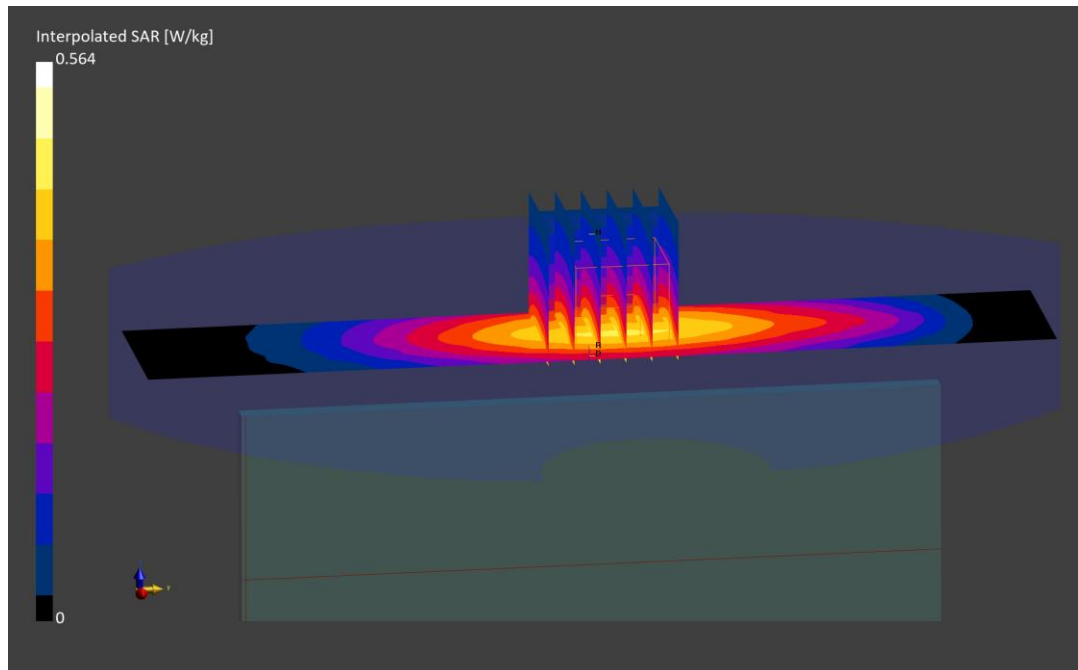
Reference Value = 0.35 W/kg; Power Drift = 0.00 dB

Peak SAR (extrapolated) = 0.564 W/kg

SAR(1 g) = 0.391 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 = 89.1 %



ELEMENT

DUT: A3LSMA356U; Type: Portable Handset; Serial: 3647M

Communication System: UID:10939 - AAC, 5G NR FR1 FDD; MAIA: Y; Frequency: 836.5 MHz

Medium: 835 Head; Medium parameters used:

$f = 836.5$ MHz; $\text{cond} = 0.916$ S/m; $\text{perm} = 39.9$; $\text{density} = 1000$ kg/m³

Phantom Section: RightHead; Space: 0.00 mm

Test Date: 11/22/2023; Ambient Temp: 21.0°C; Tissue Temp: 21.1°C

Probe: EX3DV4 - SN7491; ConvF:(9.72,9.72,9.72); Calibrated: 2023-06-08

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

Electronics: DAE4 Sn1532; Calibrated: 2023-06-15

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

Measurement SW: DASY Module SAR V16.2.0.1425

**Mode: NR Band n5, Antenna A, Exp: Head| Right 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

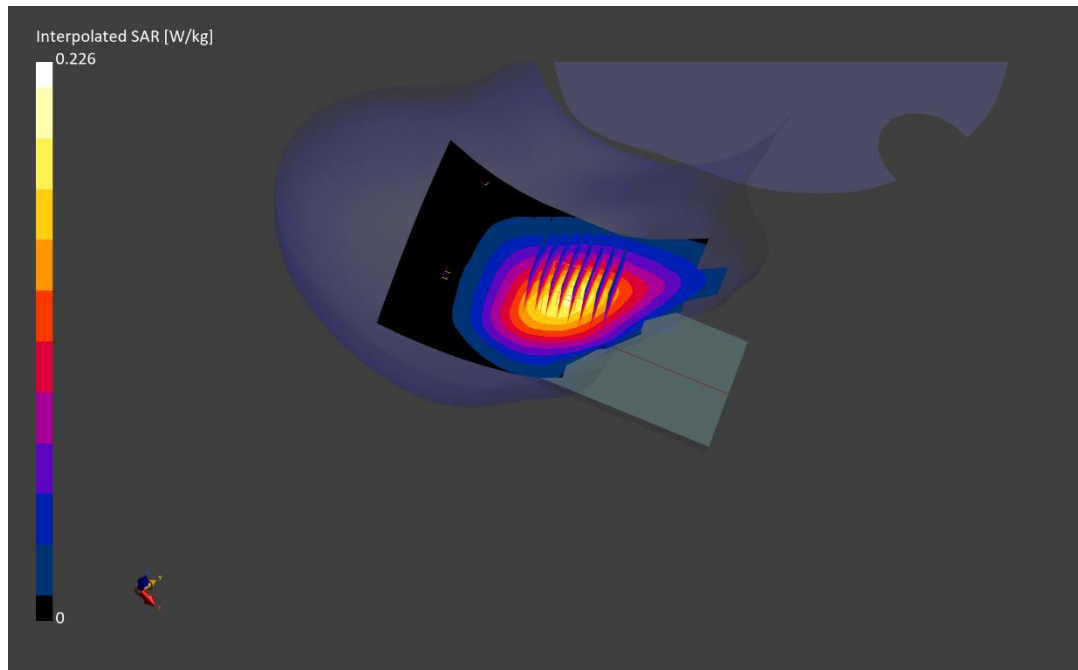
Reference Value = 0.17 W/kg; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.226 W/kg

SAR(1 g) = 0.176 W/kg

Smallest distance from peaks to all points 3 dB below is 27.5 mm

Ratio of SAR at M2 to SAR at M1 = 93.3 %



ELEMENT

DUT: A3LSMA356U; Type: Portable Handset; Serial: 3431M

Communication System: UID:10931 - AAC, 5G NR FR1 FDD; MAIA: Y; Frequency: 836.5 MHz

Medium: 835 Head; Medium parameters used:

$f = 836.5$ MHz; $\text{cond} = 0.916$ S/m; $\text{perm} = 42.7$; $\text{density} = 1000$ kg/m³

Phantom Section: Flat; Space: 15.00 mm

Test Date: 12/13/2023; Ambient Temp: 21.0°C; Tissue Temp: 22.0°C

Probe: EX3DV4 - SN7570; ConvF:(9.92,9.92,9.92); Calibrated: 2023-01-11

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

Electronics: DAE4 Sn1558; Calibrated: 2023-01-17

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

Measurement SW: DASY Module SAR V16.2.0.1425

**Mode: NR Band n5, Antenna A, Exp: Body-worn| Back Side, Ch. 167300,
20 MHz Bandwidth, DFT-s-OFDM QPSK, 1 RB, 53 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

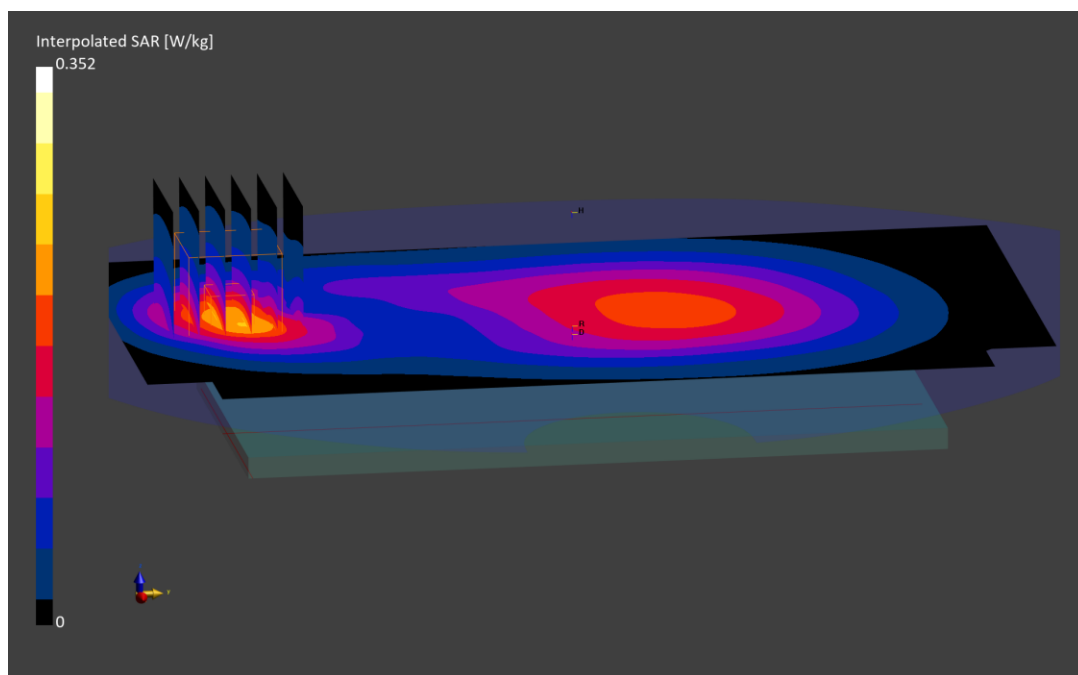
Reference Value = 0.20 W/kg; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 0.352 W/kg

SAR(1 g) = 0.209 W/kg;

Smallest distance from peaks to all points 3 dB below is 13.0 mm

Ratio of SAR at M2 to SAR at M1 = 83.8 %



ELEMENT

DUT: A3LSMA356U; Type: Portable Handset; Serial: 3490M

Communication System: UID 10931 - AAC, 5G NR (DFT-s-OFDM, 1 RB, 20 MHz, QPSK, 15 kHz);

Frequency: 836.5 MHz; Duty Cycle: 1:1

Medium: 835 Head; Medium parameters used (interpolated):

$f = 836.5$ MHz; $\sigma = 0.928$ S/m; $\epsilon_r = 40.547$; $\rho = 1000$ kg/m³

Phantom section: Flat Section; Space: 1.0 cm

Test Date: 11/20/2023; Ambient Temp: 23.2°C; Tissue Temp: 23.3°C

Probe: EX3DV4 - SN7402; ConvF(9.84, 9.84, 9.84) @ 836.5 MHz; Calibrated: 5/10/2023

Sensor-Surface: 1.4mm (Mechanical Surface Detection)

Electronics: DAE4 Sn1502; Calibrated: 6/27/2023

Phantom: Twin-SAM V5.0; Type: QD 000 P40 CD; Serial: 1626

Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7501)

**Mode: NR Band n5, Antenna A, Body SAR, Back Side, 20 MHz Bandwidth,
DFT-s-OFDM QPSK, Ch. 167300, 1 RB, 53 RB Offset**

Area Scan (9x15x1): Measurement grid: dx=15mm, dy=15mm

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

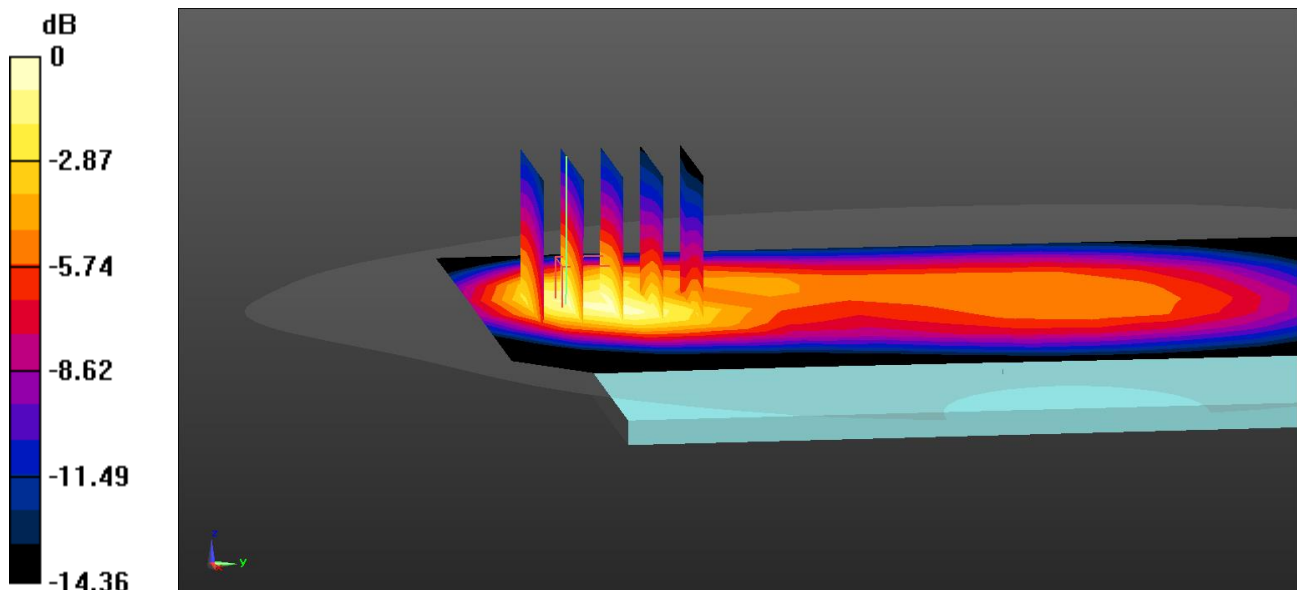
Reference Value = 24.16 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.930 W/kg

SAR(1 g) = 0.518 W/kg

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

Ratio of SAR at M2 to SAR at M1 = 58.7%



0 dB = 0.723 W/kg = -1.41 dBW/kg

ELEMENT

DUT: A3LSMA356U; Type: Portable Handset; Serial: 3598M

Communication System: UID:10938 - AAC, 5G NR FR1 FDD; MAIA: Y; Frequency: 1702.5 MHz

Medium: 1750 Head; Medium parameters used:

f = 1702.5 MHz; cond = 1.28 S/m; perm = 39.7; density = 1000 kg/m³

Phantom Section: LeftHead; Space: 0.00 mm

Test Date: 12/11/2023; Ambient Temp: 20.5°C; Tissue Temp: 20.5°C

Probe: EX3DV4 - SN7409; ConvF:(8.37,8.37,8.37); Calibrated: 2023-06-15

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

Electronics: DAE4 Sn1334; Calibrated: 2023-06-15

Phantom: Twin-SAM V8.0; Serial: 1630

Measurement SW: DASY Module SAR V16.2.0.1425

**Mode: NR Band n70, Antenna B, Exp: Head| Left Cheek, Ch. 340500,
15 MHz Bandwidth, DFT-s-OFDM QPSK, 36 RB, 22 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

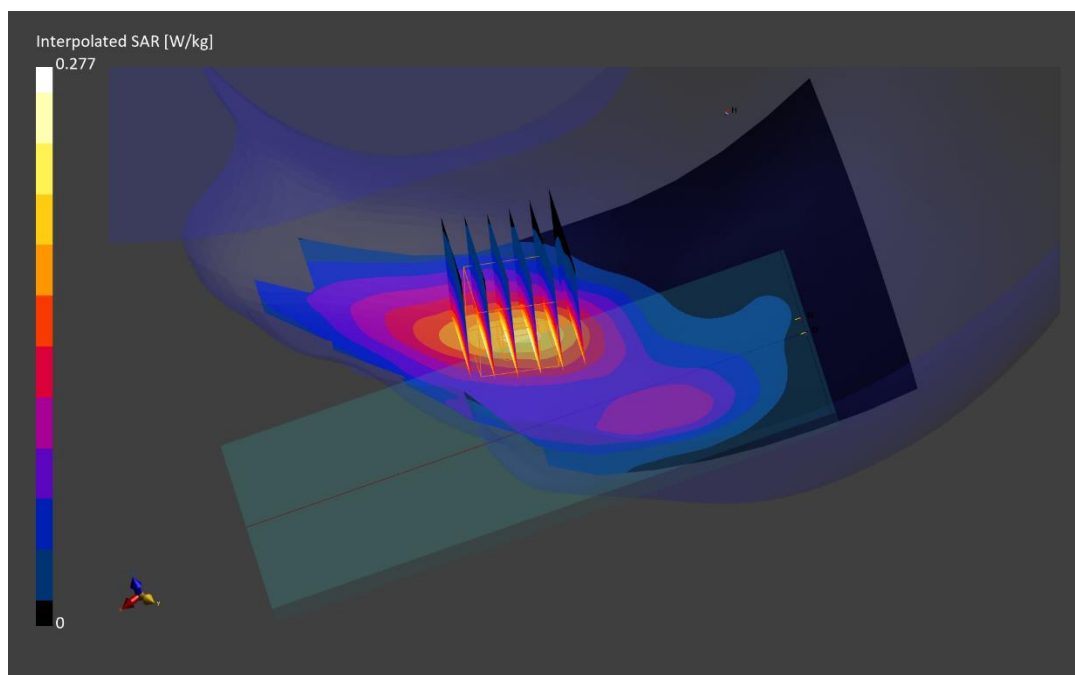
Reference Value = 0.19 W/kg; Power Drift = 0.09 dB

Peak SAR (extrapolated) = 0.277 W/kg

SAR(1 g) = 0.189 W/kg

Smallest distance from peaks to all points 3 dB below is 16.3 mm

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



ELEMENT

DUT: A3LSMA356U; Type: Portable Handset; Serial: 3658M

Communication System: UID:10930 - AAC, 5G NR FR1 FDD; MAIA: Y; Frequency: 1702.5 MHz

Medium: 1750 Head; Medium parameters used:

f = 1702.5 MHz; cond = 1.28 S/m; perm = 39.7; density = 1000 kg/m³

Phantom Section: Flat; Space: 15.00 mm

Test Date: 12/11/2023; Ambient Temp: 20.5°C; Tissue Temp: 20.5°C

Probe: EX3DV4 - SN7409; ConvF:(8.37,8.37,8.37); Calibrated: 2023-06-15

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

Electronics: DAE4 Sn1334; Calibrated: 2023-06-15

Phantom: Twin-SAM V8.0; Serial: 1630

Measurement SW: DASY Module SAR V16.2.0.1425

**Mode: NR Band n70, Antenna B, Exp: Body-worn| Back Side, Ch. 340500,
15 MHz Bandwidth, DFT-s-OFDM QPSK, 1 RB, 77 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

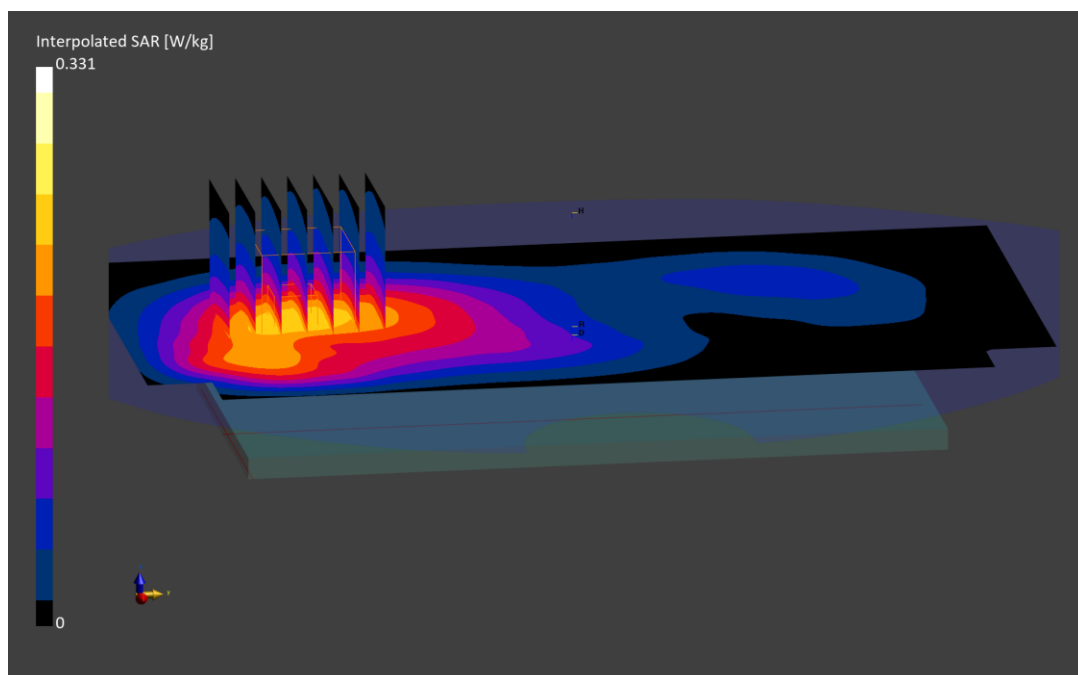
Reference Value = 0.22 W/kg; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 0.331 W/kg

SAR(1 g) = 0.214 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 = 86.9 %



ELEMENT

DUT: A3LSMA356U; Type: Portable Handset; Serial: 3658M

Communication System: UID:10938 - AAC, 5G NR FR1 FDD; MAIA: Y; Frequency: 1702.5 MHz

Medium: 1750 Head; Medium parameters used:

f = 1702.5 MHz; cond = 1.28 S/m; perm = 39.7; density = 1000 kg/m³

Phantom Section: Flat; Space: 10.00 mm

Test Date: 12/11/2023; Ambient Temp: 20.5°C; Tissue Temp: 20.5°C

Probe: EX3DV4 - SN7409; ConvF:(8.37,8.37,8.37); Calibrated: 2023-06-15

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

Electronics: DAE4 Sn1334; Calibrated: 2023-06-15

Phantom: Twin-SAM V8.0; Serial: 1630

Measurement SW: DASY Module SAR V16.2.0.1425

**Mode: NR Band n70, Antenna B, Exp: Hotspot| Bottom Edge, Ch. 340500,
15 MHz Bandwidth, DFT-s-OFDM QPSK, 36 RB, 22 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

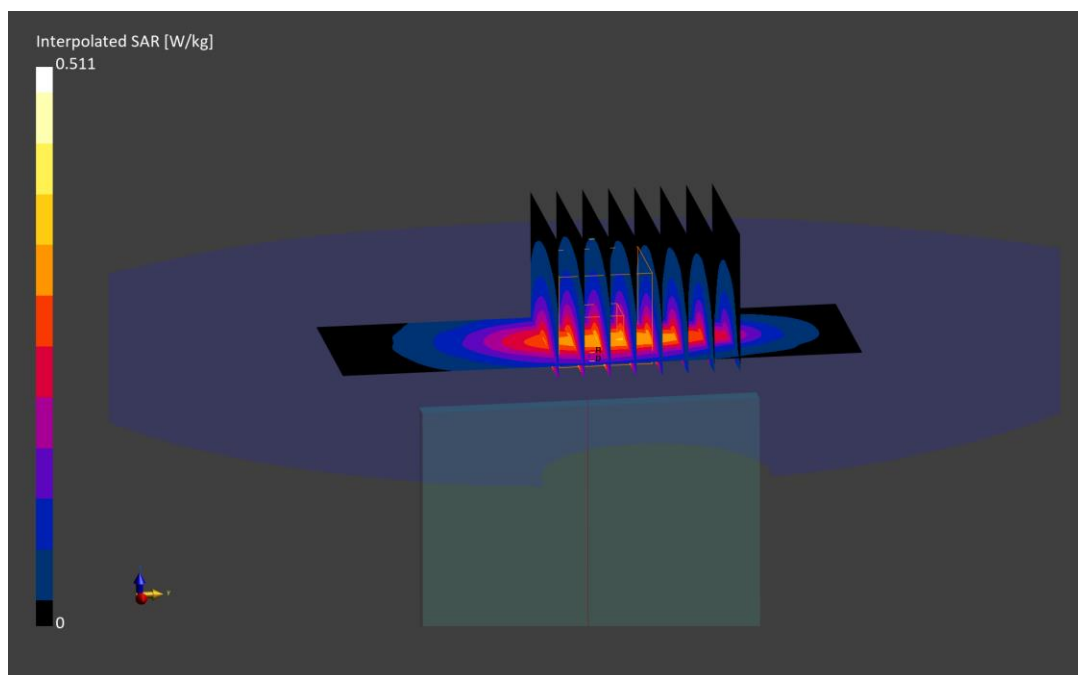
Reference Value = 0.32 W/kg; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 0.511 W/kg

SAR(1 g) = 0.297 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 = 82.9 %



ELEMENT

DUT: A3LSMA356U; Type: Portable Handset; Serial: 3431M

Communication System: UID:10773 - AAD, CW; MAIA: Y; Frequency: 1745.0 MHz

Medium: 1750 Head; Medium parameters used:

f = 1745.0 MHz; cond = 1.37 S/m; perm = 41.0; density = 1000 kg/m³

Phantom Section: RightHead; Space: 0.00 mm

Test Date: 11/30/2023; Ambient Temp: 21.6°C; Tissue Temp: 21.3°C

Probe: EX3DV4 - SN7713; ConvF:(8.99,8.99,8.99); Calibrated: 2023-01-11

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

Electronics: DAE4 Sn1530; Calibrated: 2023-01-18

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

Measurement SW: DASY Module SAR V16.2.0.1425

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

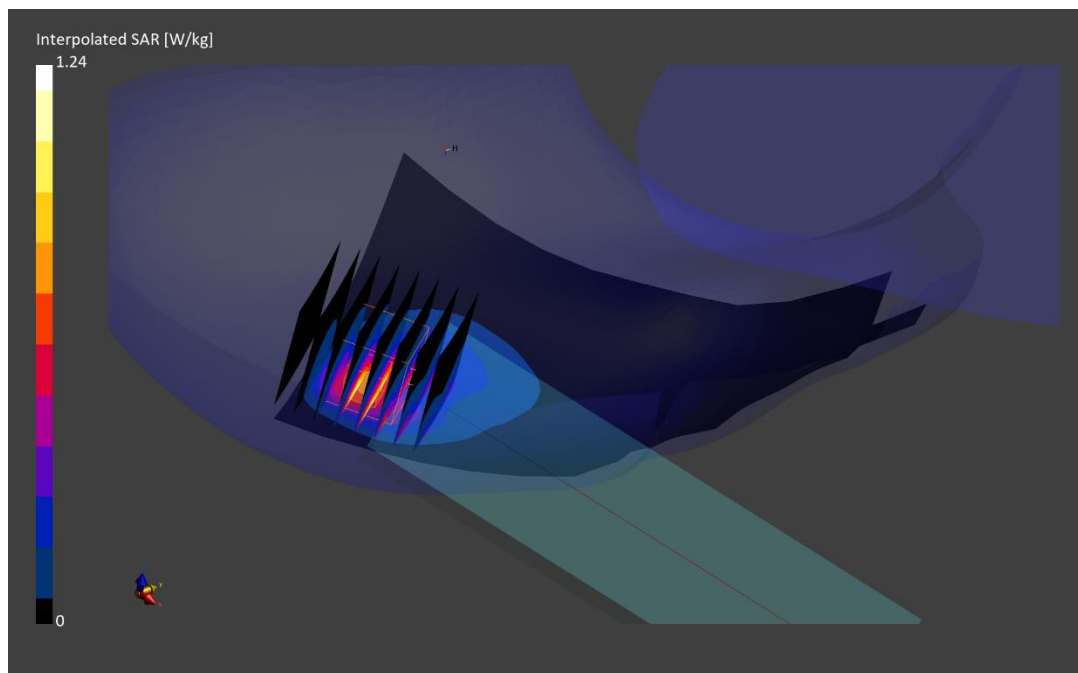
Reference Value = 0.71 W/kg; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 1.24 W/kg

SAR(1 g) = 0.667 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 = 85.9 %



ELEMENT

DUT: A3LSMA356U; Type: Portable Handset; Serial: 3431M

Communication System: UID:10934 - AAC, 5G NR FR1 FDD; MAIA: Y; Frequency: 1745.0 MHz

Medium: 1750 Head; Medium parameters used:

f = 1745.0 MHz; cond = 1.39 S/m; perm = 38.8; density = 1000 kg/m³

Phantom Section: Flat; Space: 15.00 mm

Test Date: 12/04/2023; Ambient Temp: 22.6°C; Tissue Temp: 21.1°C

Probe: EX3DV4 - SN7713; ConvF:(8.99,8.99,8.99); Calibrated: 2023-01-11

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

Electronics: DAE4 Sn1530; Calibrated: 2023-01-18

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

Measurement SW: DASY Module SAR V16.2.0.1425

**Mode: NR Band n66, Antenna B, Exp: Body-worn| Back Side, Ch. 349000,
40 MHz Bandwidth, DFT-s-OFDM QPSK, 1 RB, 108 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

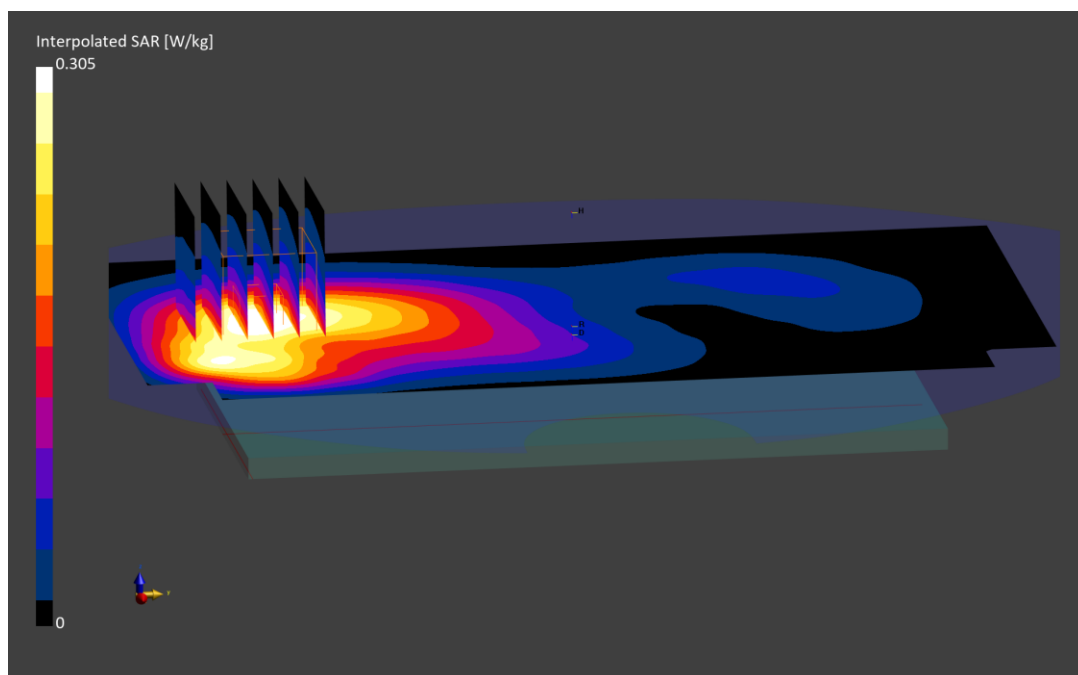
Reference Value = 0.21 W/kg; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 0.305 W/kg

SAR(1 g) = 0.189 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 = 85.6 %



ELEMENT

DUT: A3LSMA356U; Type: Portable Handset; Serial: 3431M

Communication System: UID:10773 - AAD, CW; MAIA: Y; Frequency: 1745.0 MHz

Medium: 1750 Head; Medium parameters used:

f = 1745.0 MHz; cond = 1.39 S/m; perm = 38.8; density = 1000 kg/m³

Phantom Section: Flat; Space: 10.00 mm

Test Date: 12/04/2023; Ambient Temp: 22.6°C; Tissue Temp: 21.1°C

Probe: EX3DV4 - SN7713; ConvF:(8.99,8.99,8.99); Calibrated: 2023-01-11

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

Electronics: DAE4 Sn1530; Calibrated: 2023-01-18

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

Measurement SW: DASY Module SAR V16.2.0.1425

**Mode: NR Band n66, Antenna F, Exp: Hotspot| Back Side, Ch. 349000,
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

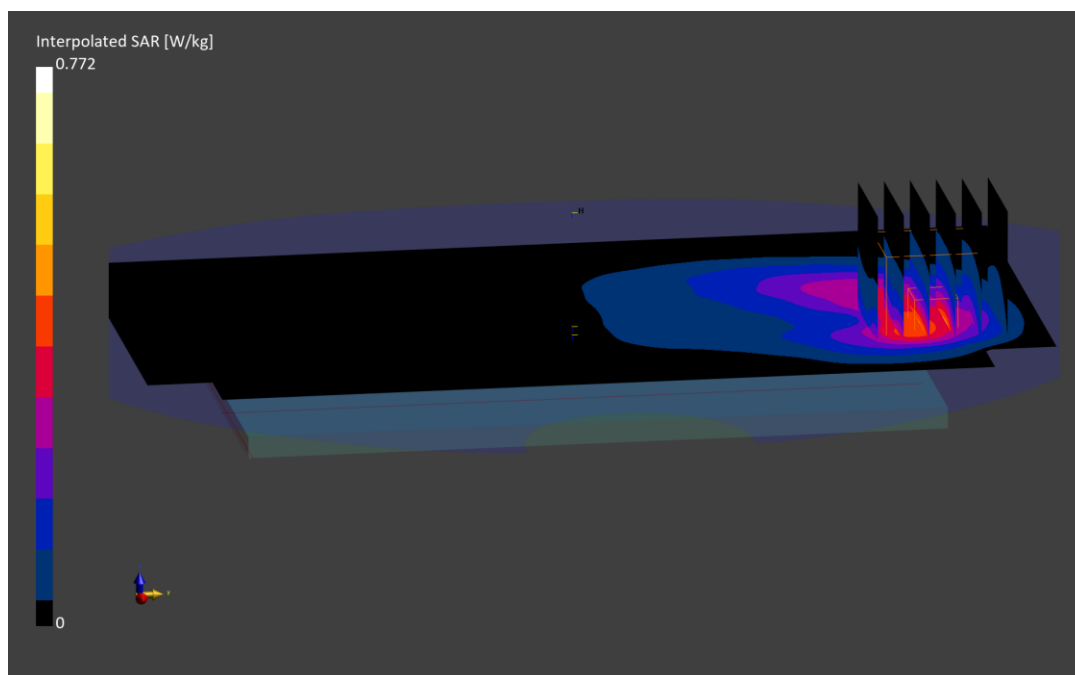
Reference Value = 0.48 W/kg; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 0.772 W/kg

SAR(1 g) = 0.401 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 = 79.2 %



ELEMENT

DUT: A3LSMA356U; Type: Portable Handset; Serial: 3658M

Communication System: UID:10942 - AAC, 5G NR FR1 FDD; MAIA: Y; Frequency: 1745.0 MHz

Medium: 1750 Head; Medium parameters used:

f = 1745.0 MHz; cond = 1.30 S/m; perm = 39.6; density = 1000 kg/m³

Phantom Section: Flat; Space: 0.00 mm

Test Date: 12/11/2023; Ambient Temp: 20.5°C; Tissue Temp: 20.5°C

Probe: EX3DV4 - SN7409; ConvF:(8.37,8.37,8.37); Calibrated: 2023-06-15

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

Electronics: DAE4 Sn1334; Calibrated: 2023-06-15

Phantom: Twin-SAM V8.0; Serial: 1630

Measurement SW: DASY Module SAR V16.2.0.1425

**Mode: NR Band n66, Antenna B, Exp: Phablet| Back Side, Ch. 349000,
40 MHz Bandwidth, DFT-s-OFDM QPSK, 108 RB, 0 RB Offset**

Area Scan (120.0 x 210.0): Measurement grid: dx=15.0 mm, dy=15.0 mm

Zoom Scan (38.4 x 38.4 x 30.0): Measurement grid: dx=4.8 mm, dy=4.8 mm, dz=1.5 mm; Graded Ratio: 1.5

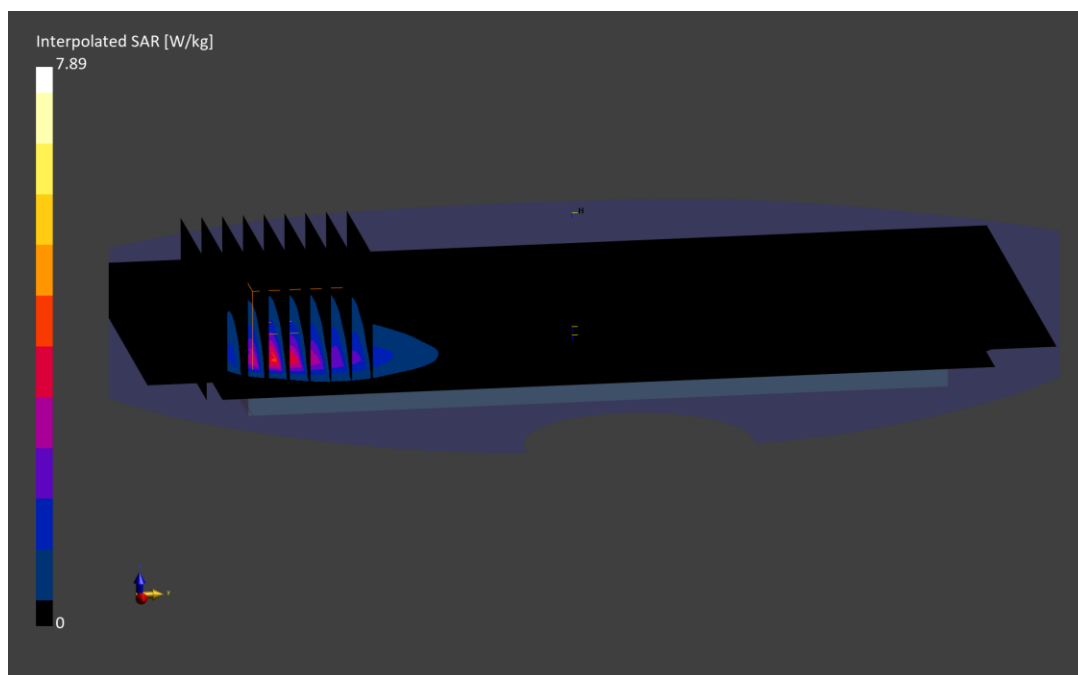
Reference Value = 3.02 W/kg; Power Drift = -0.19 dB

Peak SAR (extrapolated) = 7.89 W/kg

SAR(10 g) = 1.49 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 = 74.3 %



ELEMENT

DUT: A3LSMA356U; Type: Portable Handset; Serial: 3714M

Communication System: UID:10934 - AAC, 5G NR FR1 FDD; MAIA: Y; Frequency: 1882.5 MHz

Medium: 1900 Head; Medium parameters used:

f = 1882.5 MHz; cond = 1.42 S/m; perm = 40.8; density = 1000 kg/m³

Phantom Section: RightHead; Space: 0.00 mm

Test Date: 11/30/2023; Ambient Temp: 21.7°C; Tissue Temp: 19.9°C

Probe: EX3DV4 - SN7409; ConvF:(8.2,8.2,8.2); Calibrated: 2023-06-15

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

Electronics: DAE4 Sn1334; Calibrated: 2023-06-15

Phantom: Twin-SAM V8.0; Serial: 1630

Measurement SW: DASY Module SAR V16.2.0.1425

**Mode: NR Band n25, Antenna F, Exp: Head| Right Tilt, Ch. 376500,
40 MHz Bandwidth, DFT-s-OFDM QPSK, 1 RB, 108 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

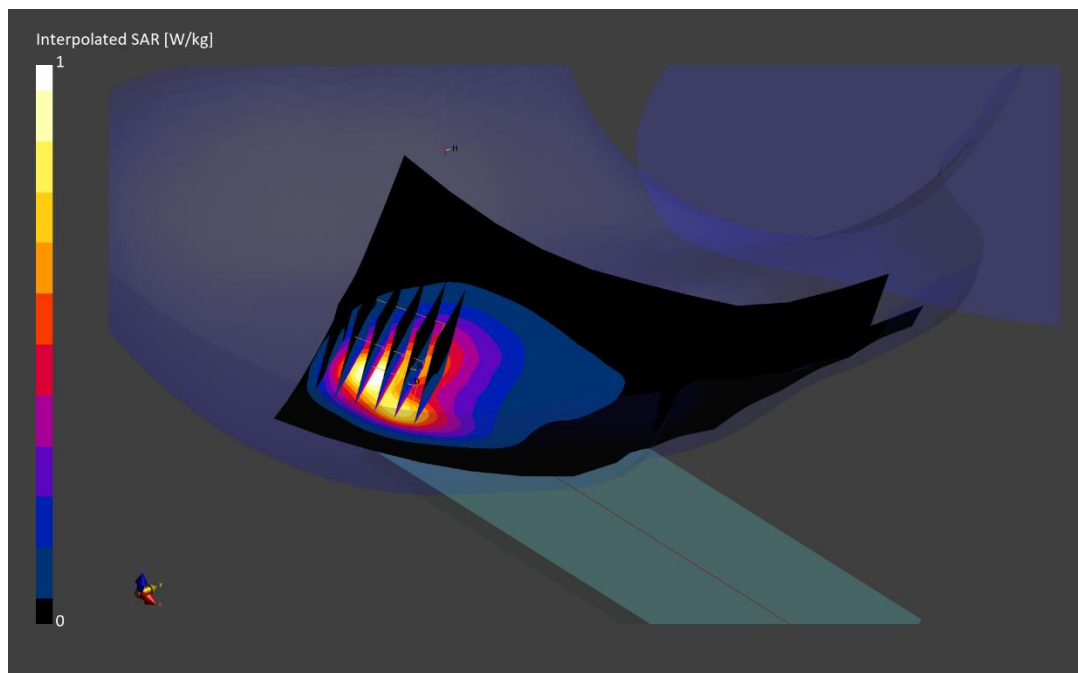
Reference Value = 0.54 W/kg; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 1.00 W/kg

SAR(1 g) = 0.507 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 = 79.6 %



ELEMENT

DUT: A3LSMA356U; Type: Portable Handset; Serial: 3651M

Communication System: UID:10942 - AAC, 5G NR FR1 FDD; MAIA: Y; Frequency: 1882.5 MHz

Medium: 1900 Head; Medium parameters used:

f = 1882.5 MHz; cond = 1.41 S/m; perm = 41.6; density = 1000 kg/m³

Phantom Section: Flat; Space: 15.00 mm

Test Date: 12/06/2023; Ambient Temp: 19.5°C; Tissue Temp: 19.3°C

Probe: EX3DV4 - SN7570; ConvF:(8.28,8.28,8.28); Calibrated: 2023-01-11

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

Electronics: DAE4 Sn1558; Calibrated: 2023-01-17

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

Measurement SW: DASY Module SAR V16.2.0.1425

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

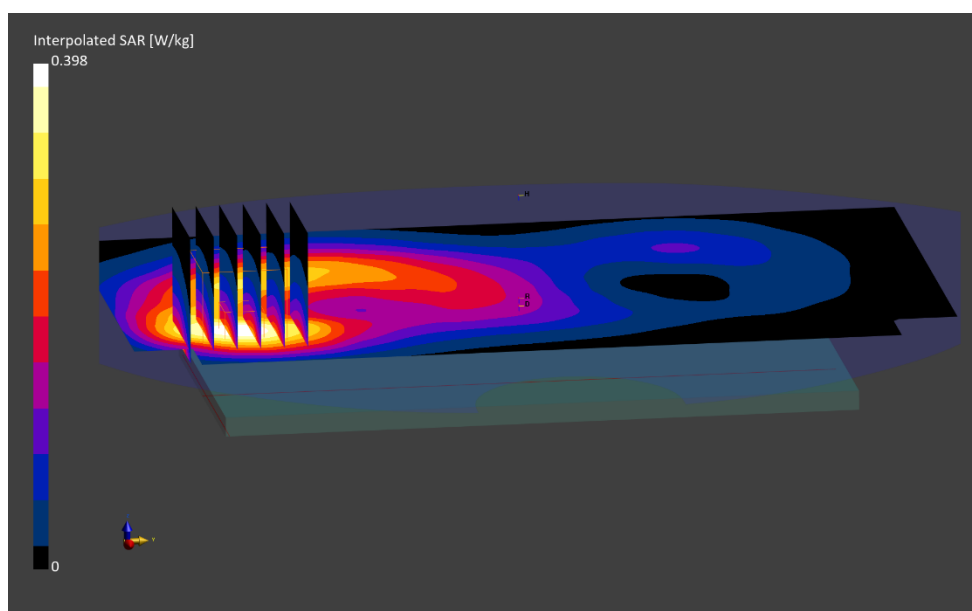
Reference Value = 0.22 W/kg; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.398 W/kg

SAR(1 g) = 0.225 W/kg;

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

Ratio of SAR at M2 to SAR at M1 = 82.2 %



ELEMENT

DUT: A3LSMA356U; Type: Portable Handset; Serial: 3714M

Communication System: UID:10942 - AAC, 5G NR FR1 FDD; MAIA: Y; Frequency: 1882.5 MHz

Medium: 1900 Head; Medium parameters used:

f = 1882.5 MHz; cond = 1.42 S/m; perm = 40.8; density = 1000 kg/m³

Phantom Section: Flat; Space: 10.00 mm

Test Date: 11/30/2023; Ambient Temp: 21.7°C; Tissue Temp: 19.9°C

Probe: EX3DV4 - SN7409; ConvF:(8.2,8.2,8.2); Calibrated: 2023-06-15

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

Electronics: DAE4 Sn1334; Calibrated: 2023-06-15

Phantom: Twin-SAM V8.0; Serial: 1630

Measurement SW: DASY Module SAR V16.2.0.1425

**Mode: NR Band n25, Antenna F, Exp: Hotspot| Top Edge, Ch. 376500,
40 MHz Bandwidth, DFT-s-OFDM QPSK, 108 RB, 54 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

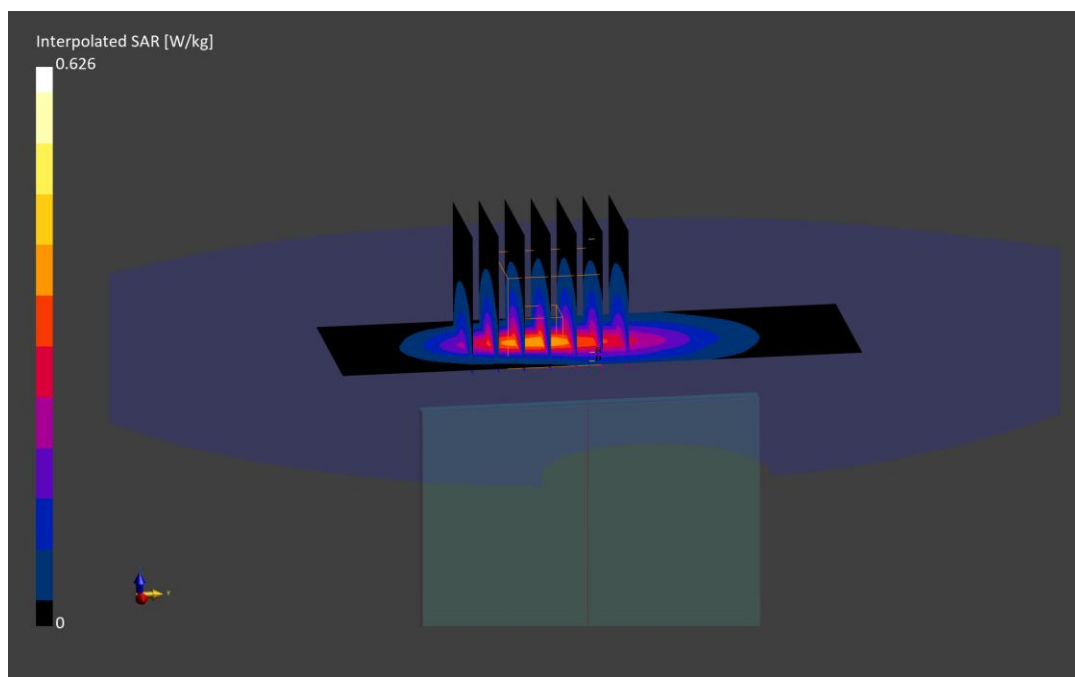
Reference Value = 0.36 W/kg; Power Drift = 0.00 dB

Peak SAR (extrapolated) = 0.626 W/kg

SAR(1 g) = 0.320 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 = 80.1 %



ELEMENT

DUT: A3LSMA356U; Type: Portable Handset; Serial: 3655M

Communication System: UID:10929 - AAC, 5G NR FR1 FDD; MAIA: Y; Frequency: 2310.0 MHz

Medium: 2450 Head; Medium parameters used:

f = 2310.0 MHz; cond = 1.66 S/m; perm = 40.1; density = 1000 kg/m³

Phantom Section: RightHead; Space: 0.00 mm

Test Date: 11/30/2023; Ambient Temp: 20.3°C; Tissue Temp: 19.1°C

Probe: EX3DV4 - SN7659; ConvF:(8.69,8.69,8.69); Calibrated: 2023-04-14

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

Electronics: DAE4 Sn1407; Calibrated: 2023-04-14

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

Measurement SW: DASY Module SAR V16.2.0.1425

**Mode: NR Band n30, Antenna F, Exp: Head| Right Tilt, Ch. 462000,
10 MHz Bandwidth, DFT-s-OFDM QPSK, 1 RB, 26 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

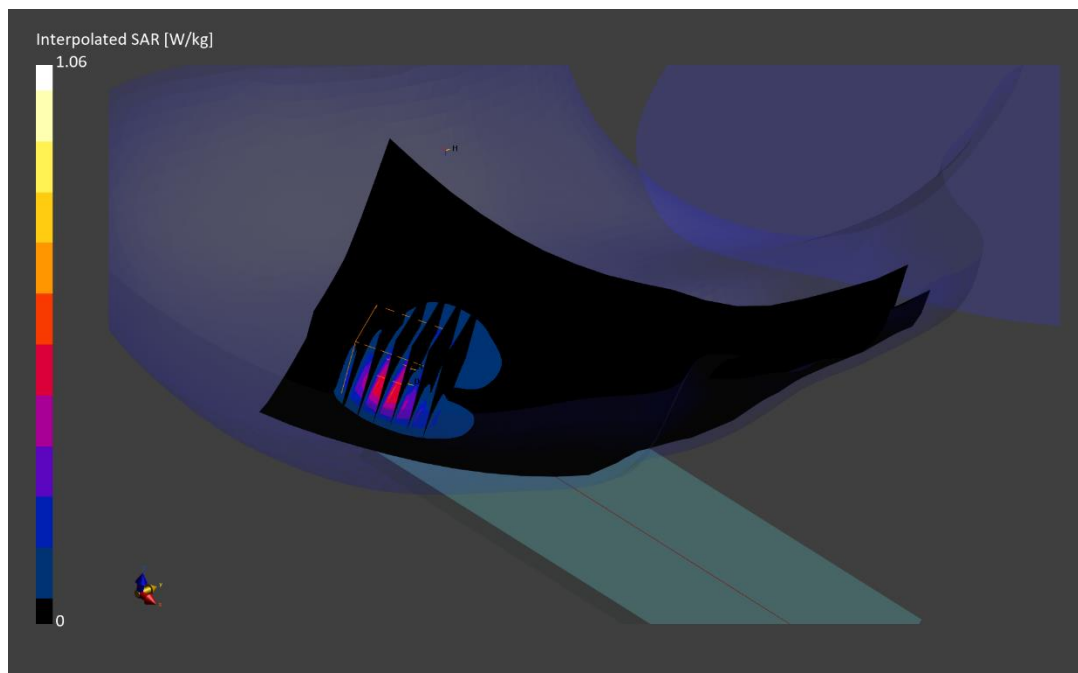
Reference Value = 0.44 W/kg; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 1.06 W/kg

SAR(1 g) = 0.468 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 = 78.1 %



ELEMENT

DUT: A3LSMA356U; Type: Portable Handset; Serial: 3651M

Communication System: UID:10768 - AAD, CW; MAIA: Y; Frequency: 2310.0 MHz

Medium: 2450 Head; Medium parameters used:

f = 2310.0 MHz; cond = 1.70 S/m; perm = 38.7; density = 1000 kg/m³

Phantom Section: Flat; Space: 15.00 mm

Test Date: 12/13/2023; Ambient Temp: 20.8°C; Tissue Temp: 19.4°C

Probe: EX3DV4 - SN7713; ConvF:(8.53,8.53,8.53); Calibrated: 2023-01-11

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

Electronics: DAE4 Sn1530; Calibrated: 2023-01-18

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

Measurement SW: DASY Module SAR V16.2.0.1425

**Mode: NR Band n30, Antenna B, Exp: Body-worn| Back Side, Ch. 462000,
10 MHz Bandwidth, CP-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

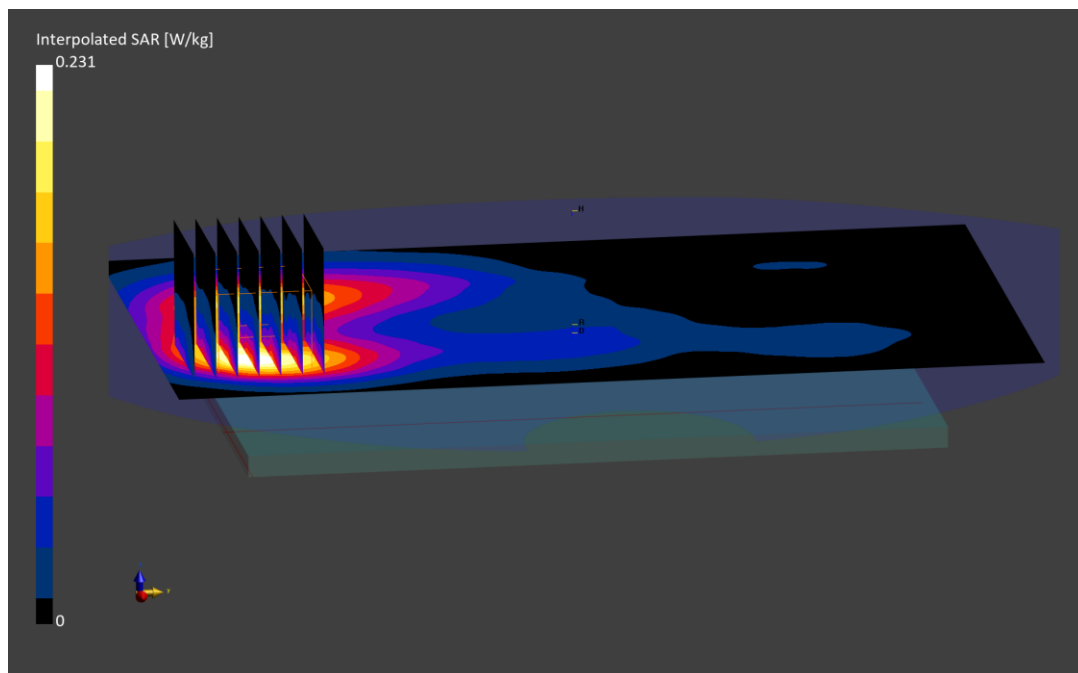
Reference Value = 0.15 W/kg; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 0.231 W/kg

SAR(1 g) = 0.120 W/kg

Smallest distance from peaks to all points 3 dB below is 11.8 mm

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



ELEMENT

DUT: A3LSMA356U; Type: Portable Handset; Serial: 3706M

Communication System: UID:10768 - AAD, CW; MAIA: Y; Frequency: 2310.0 MHz

Medium: 2450 Head; Medium parameters used:

f = 2310.0 MHz; cond = 1.67 S/m; perm = 39.5; density = 1000 kg/m³

Phantom Section: Flat; Space: 10.00 mm

Test Date: 11/28/2023; Ambient Temp: 19.0°C; Tissue Temp: 19.5°C

Probe: EX3DV4 - SN7659; ConvF:(8.69,8.69,8.69); Calibrated: 2023-04-14

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

Electronics: DAE4 Sn1407; Calibrated: 2023-04-14

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

Measurement SW: DASY Module SAR V16.2.0.1425

**Mode: NR Band n30, Antenna B, Exp: Hotspot| Bottom Edge, Ch. 462000,
10 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

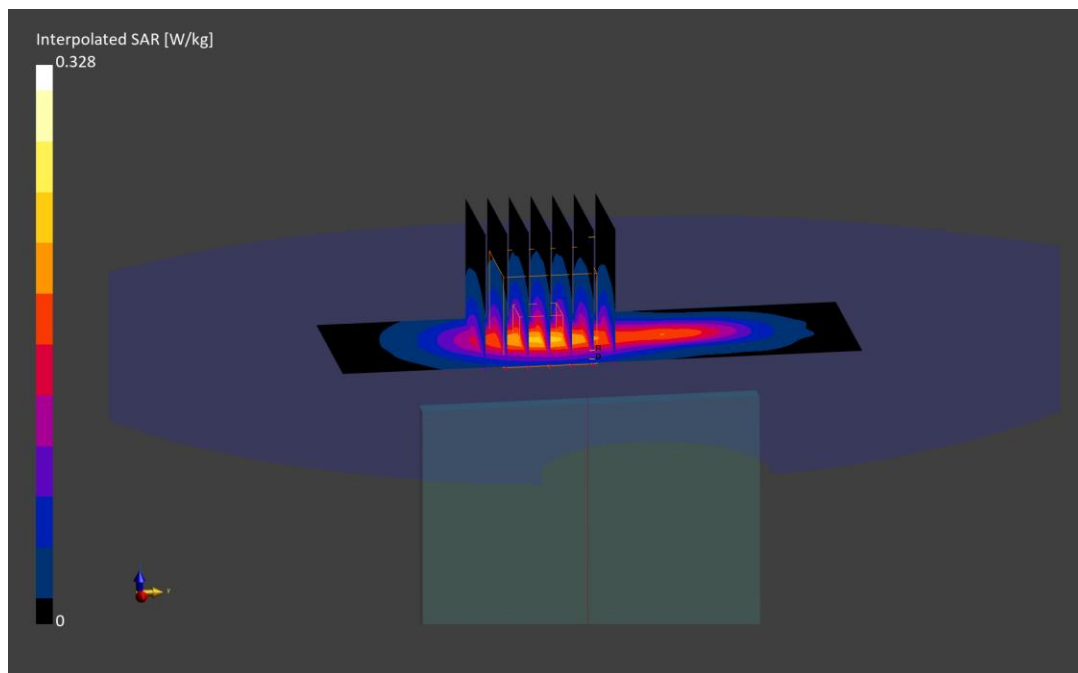
Reference Value = 0.19 W/kg; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.328 W/kg

SAR(1 g) = 0.182 W/kg

Smallest distance from peaks to all points 3 dB below is 12.7 mm

Ratio of SAR at M2 to SAR at M1 = 81.9 %



ELEMENT

DUT: A3LSMA356U; Type: Portable Handset; Serial: 3659M

Communication System: UID:10866 - AAD, 5G NR FR1 TDD; MAIA: Y; Frequency: 2593.0 MHz

Medium: 2450 Head; Medium parameters used:

$f = 2593.0$ MHz; $\text{cond} = 1.93$ S/m; $\text{perm} = 37.4$; $\text{density} = 1000$ kg/m³

Phantom Section: RightHead; Space: 0.00 mm

Test Date: 12/11/2023; Ambient Temp: 22.7°C; Tissue Temp: 22.0°C

Probe: EX3DV4 - SN7565; ConvF:(6.89,6.89,6.89); Calibrated: 2023-01-12

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

Electronics: DAE4 Sn1466; Calibrated: 2023-01-20

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

Measurement SW: DASY Module SAR V16.2.0.1425

**Mode: NR Band n41, Antenna F, Exp: Head| Right Tilt, Ch. 518598,
100 MHz Bandwidth, DFT-s-OFDM QPSK, 1 RB, 271 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

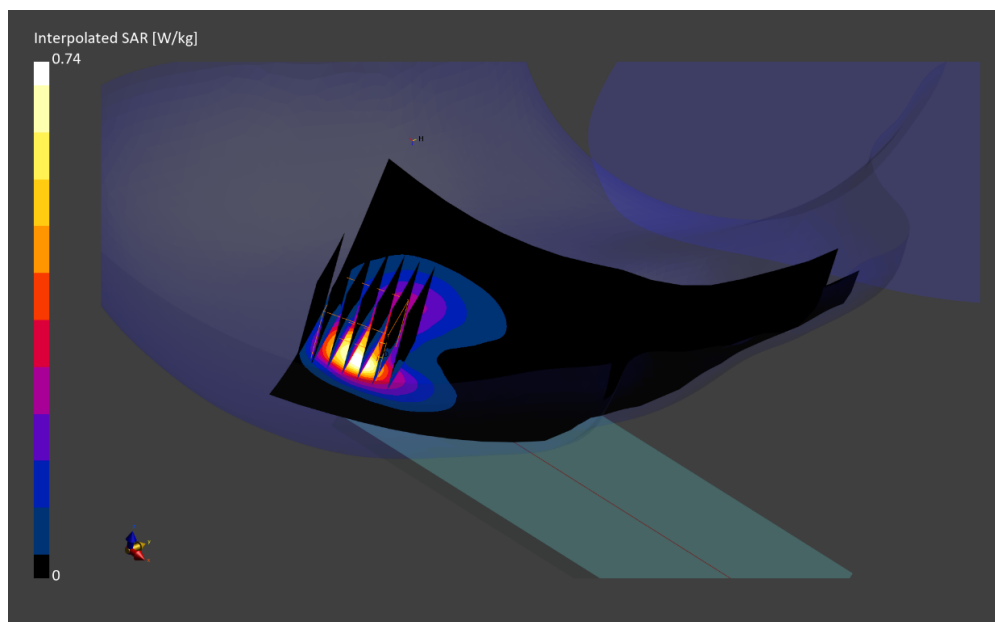
Reference Value = 0.26 W/kg; Power Drift = 0.00 dB

Peak SAR (extrapolated) = 0.740 W/kg

SAR(1 g) = 0.314 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 = 77.5 %



ELEMENT

DUT: A3LSMA356U; Type: Portable Handset; Serial: 3659M

Communication System: UID:10917 - AAB, 5G NR FR1 TDD; MAIA: Y; Frequency: 2593.0 MHz

Medium: 2450 Head; Medium parameters used:

f = 2593.0 MHz; cond = 1.89 S/m; perm = 38.8; density = 1000 kg/m³

Phantom Section: Flat; Space: 15.00 mm

Test Date: 12/13/2023; Ambient Temp: 22.0°C; Tissue Temp: 21.7°C

Probe: EX3DV4 - SN7565; ConvF:(6.89,6.89,6.89); Calibrated: 2023-01-12

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

Electronics: DAE4 Sn1466; Calibrated: 2023-01-20

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

Measurement SW: DASY Module SAR V16.2.0.1425

**Mode: NR Band n41, Antenna B, Exp: Body-worn| Back Side, Ch. 518598,
100 MHz Bandwidth, DFT-s-OFDM QPSK, 135 RB, 69 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

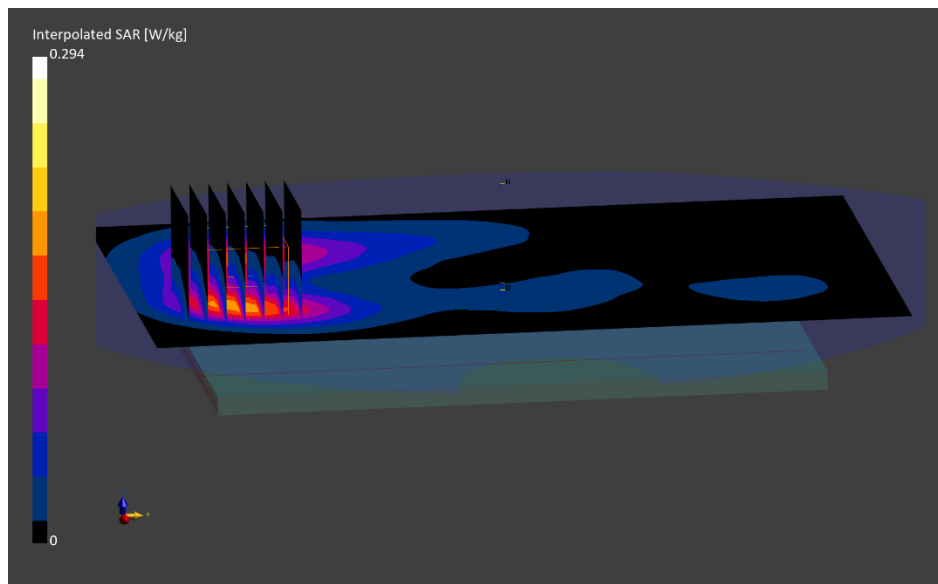
Reference Value = 0.13 W/kg; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.294 W/kg

SAR(1 g) = 0.154 W/kg

Smallest distance from peaks to all points 3 dB below is 12.8 mm

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



ELEMENT

DUT: A3LSMA356U; Type: Portable Handset; Serial: 3659M

Communication System: UID:10917 - AAB, 5G NR FR1 TDD; MAIA: Y; Frequency: 2593.0 MHz

Medium: 2450 Head; Medium parameters used:

f = 2593.0 MHz; cond = 1.98 S/m; perm = 38.6; density = 1000 kg/m³

Phantom Section: Flat; Space: 10.00 mm

Test Date: 11/29/2023; Ambient Temp: 21.6°C; Tissue Temp: 19.4°C

Probe: EX3DV4 - SN7640; ConvF:(8.42,8.42,8.42); Calibrated: 2023-02-10

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

Electronics: DAE4 Sn1645; Calibrated: 2023-02-16

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

Measurement SW: DASY Module SAR V16.2.0.1425

**Mode: NR Band n41, Antenna B, Exp: Hotspot| Bottom Edge, Ch. 518598,
100 MHz Bandwidth, DFT-s-OFDM QPSK, 135 RB, 69 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

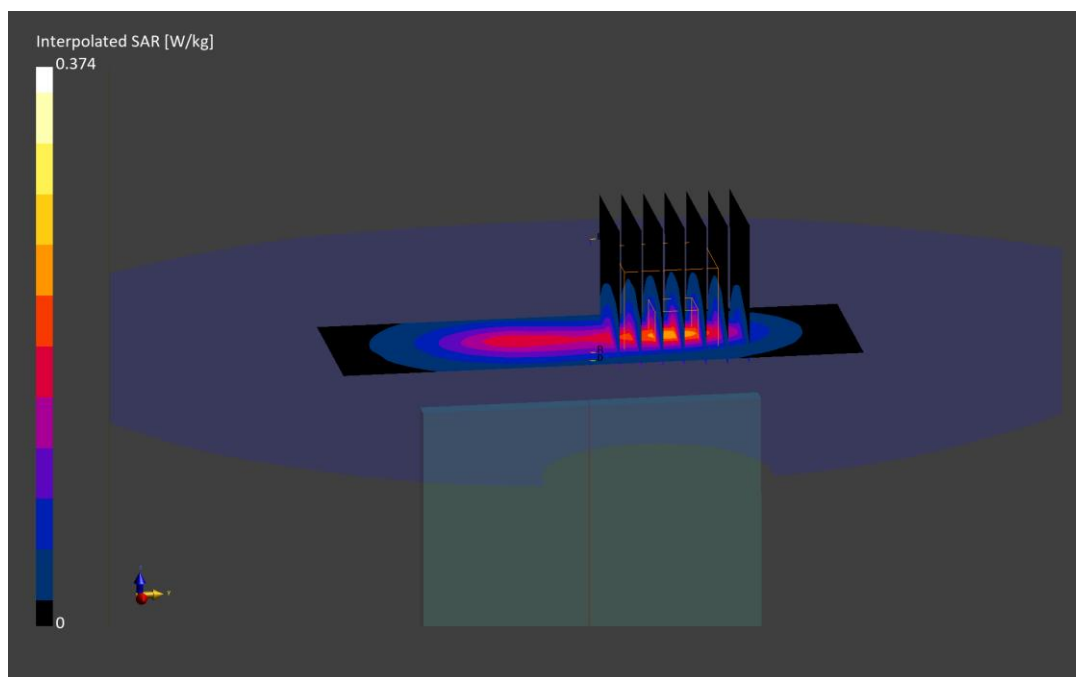
Reference Value = 0.14 W/kg; Power Drift = 0.00 dB

Peak SAR (extrapolated) = 0.374 W/kg

SAR(1 g) = 0.177 W/kg

Smallest distance from peaks to all points 3 dB below is 9.0 mm

Ratio of SAR at M2 to SAR at M1 = 78.6 %



ELEMENT

DUT: A3LSMA356U; Type: Portable Handset; Serial: 3659M

Communication System: UID:10866 - AAD, 5G NR FR1 TDD; MAIA: Y; Frequency: 2593.0 MHz

Medium: 2450 Head; Medium parameters used:

f = 2593.0 MHz; cond = 1.92 S/m; perm = 37.8; density = 1000 kg/m³

Phantom Section: Flat; Space: 0.00 mm

Test Date: 01/02/2024; Ambient Temp: 22.7°C; Tissue Temp: 21.9°C

Probe: EX3DV4 - SN7565; ConvF:(6.89,6.89,6.89); Calibrated: 2023-01-12

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

Electronics: DAE4 Sn1466; Calibrated: 2023-01-20

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

Measurement SW: DASY Module SAR V16.2.0.1425

**Mode: NR Band n41, Antenna B, Exp: Phablet| 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=4.1 mm, dy=4.1 mm, dz=1.4 mm; Graded Ratio: 1.4

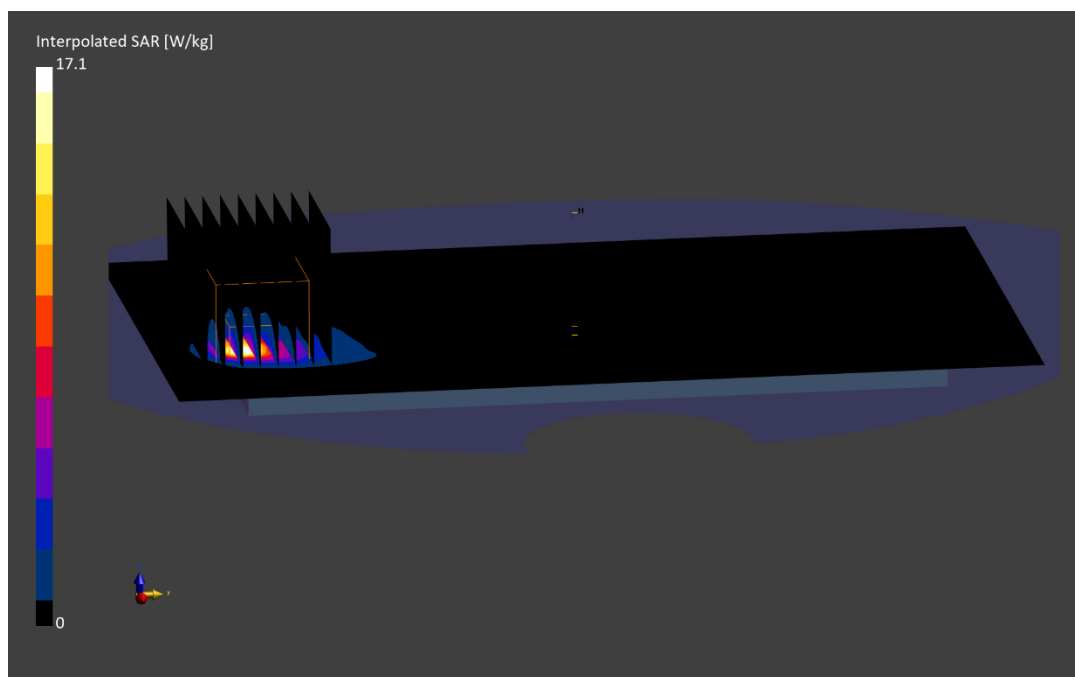
Reference Value = 4.66 W/kg; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 17.1 W/kg

SAR(10 g) = 1.93 W/kg

Smallest distance from peaks to all points 3 dB below is 4.8 mm

Ratio of SAR at M2 to SAR at M1 = 69.9 %



ELEMENT

DUT: A3LSMA356U; Type: Portable Handset; Serial: 2317M

Communication System: UID:10903 - AAB, 5G NR FR1 TDD; MAIA: Y; Frequency: 3680.0 MHz

Medium: 3600 Head; Medium parameters used:

f = 3680.0 MHz; cond = 2.95 S/m; perm = 37.4; density = 1000 kg/m³

Phantom Section: RightHead; Space: 0.00 mm

Test Date: 12/18/2023; Ambient Temp: 20.3°C; Tissue Temp: 20.5°C

Probe: EX3DV4 - SN7659; ConvF:(7.42,7.42,7.42); Calibrated: 2023-04-14

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

Electronics: DAE4 Sn1407; Calibrated: 2023-04-14

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

Measurement SW: DASY Module SAR V16.2.0.1425

**Mode: NR Band n48, Antenna G, Exp: Head| Right Cheek, Ch. 645332,
40 MHz Bandwidth, DFT-s-OFDM QPSK, 1 RB, 104 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

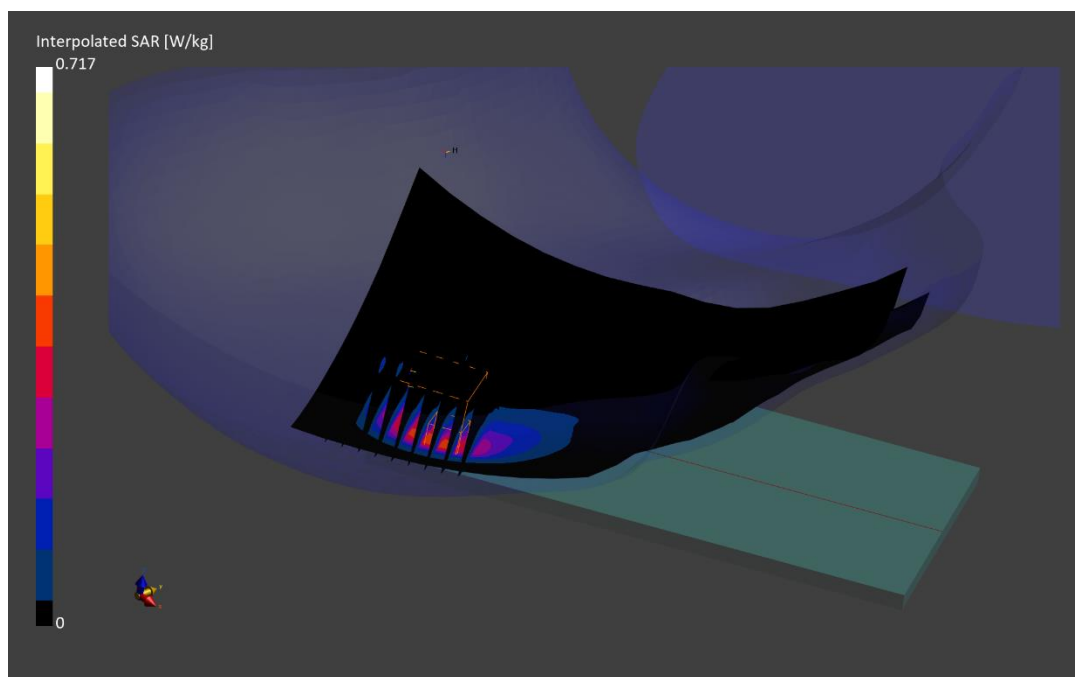
Reference Value = 0.21 W/kg; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.717 W/kg

SAR(1 g) = 0.282 W/kg

Smallest distance from peaks to all points 3 dB below is 7.1 mm

Ratio of SAR at M2 to SAR at M1 = 76.7 %



ELEMENT

DUT: A3LSMA356U; Type: Portable Handset; Serial: 2783M

Communication System: UID:10903 - AAB, 5G NR FR1 TDD; MAIA: Y; Frequency: 3680.0 MHz

Medium: 3600 Head; Medium parameters used:

f = 3680.0 MHz; cond = 2.96 S/m; perm = 37.8; density = 1000 kg/m³

Phantom Section: Flat; Space: 15.00 mm

Test Date: 12/06/2023; Ambient Temp: 20.2°C; Tissue Temp: 19.3°C

Probe: EX3DV4 - SN7659; ConvF:(7.42,7.42,7.42); Calibrated: 2023-04-14

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

Electronics: DAE4 Sn1407; Calibrated: 2023-04-14

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

Measurement SW: DASY Module SAR V16.2.0.1425

**Mode: NR Band n48, Antenna G, Exp: Body-worn| Back Side, Ch. 645332,
40 MHz Bandwidth, DFT-s-OFDM QPSK, 1 RB, 104 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

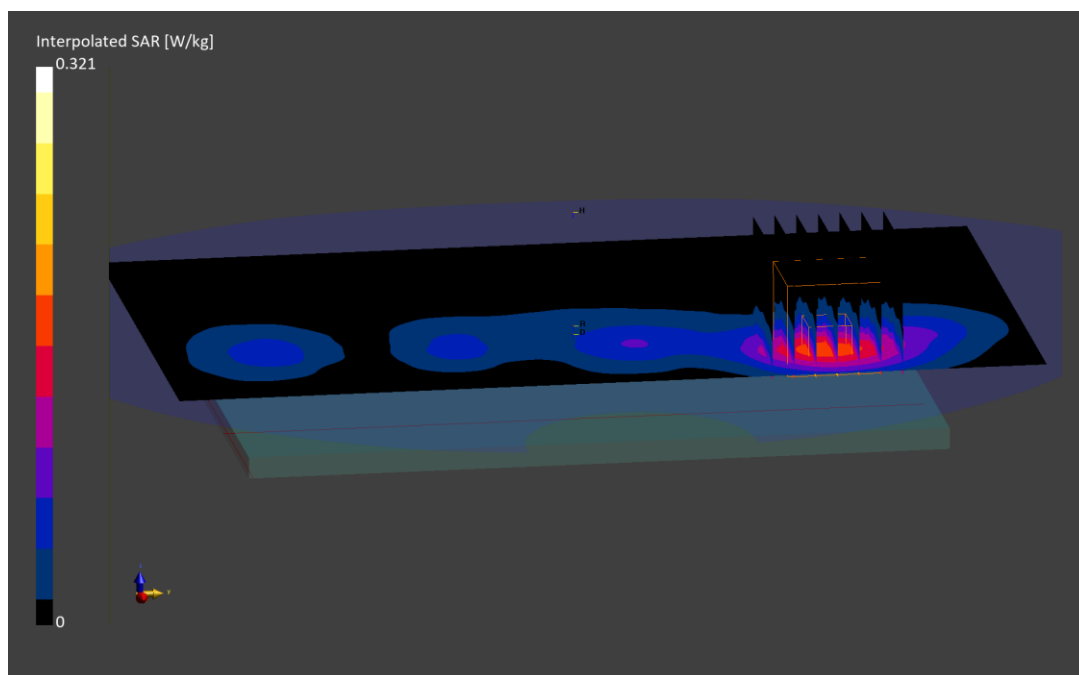
Reference Value = 0.13 W/kg; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 0.321 W/kg

SAR(1 g) = 0.143 W/kg

Smallest distance from peaks to all points 3 dB below is 16.3 mm

Ratio of SAR at M2 to SAR at M1 = 77.3 %



ELEMENT

DUT: A3LSMA356U; Type: Portable Handset; Serial: 2783M

Communication System: UID:10903 - AAB, 5G NR FR1 TDD; MAIA: Y; Frequency: 3680.0 MHz

Medium: 3600 Head; Medium parameters used:

f = 3680.0 MHz; cond = 2.96 S/m; perm = 37.8; density = 1000 kg/m³

Phantom Section: Flat; Space: 10.00 mm

Test Date: 12/06/2023; Ambient Temp: 20.2°C; Tissue Temp: 19.3°C

Probe: EX3DV4 - SN7659; ConvF:(7.42,7.42,7.42); Calibrated: 2023-04-14

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

Electronics: DAE4 Sn1407; Calibrated: 2023-04-14

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

Measurement SW: DASY Module SAR V16.2.0.1425

**Mode: NR Band n48, Antenna G, Exp: Hotspot| Left Edge, Ch. 645332,
40 MHz Bandwidth, DFT-s-OFDM QPSK, 1 RB, 104 RB Offset**

Area Scan (70.0 x 220.0): 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

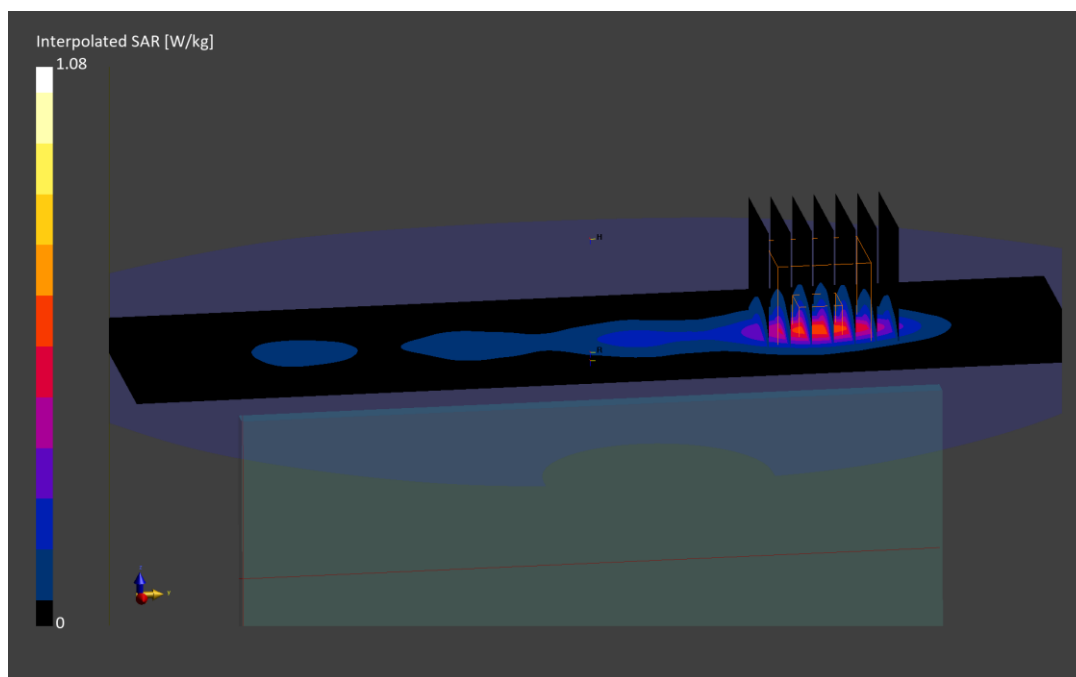
Reference Value = 0.43 W/kg; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 1.08 W/kg

SAR(1 g) = 0.452 W/kg

Smallest distance from peaks to all points 3 dB below is 9.5 mm

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



ELEMENT

DUT: A3LSMA356U; Type: Portable Handset; Serial: 2783M

Communication System: UID:10903 - AAB, 5G NR FR1 TDD; MAIA: Y; Frequency: 3680.0 MHz

Medium: 3600 Head; Medium parameters used:

f = 3680.0 MHz; cond = 2.96 S/m; perm = 37.8; density = 1000 kg/m³

Phantom Section: Flat; Space: 0.00 mm

Test Date: 12/06/2023; Ambient Temp: 20.2°C; Tissue Temp: 19.3°C

Probe: EX3DV4 - SN7659; ConvF:(7.42,7.42,7.42); Calibrated: 2023-04-14

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

Electronics: DAE4 Sn1407; Calibrated: 2023-04-14

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

Measurement SW: DASY Module SAR V16.2.0.1425

**Mode: NR Band n48, Antenna G, Exp: Phablet| Left Edge, Ch. 645332,
40 MHz Bandwidth, DFT-s-OFDM QPSK, 1 RB, 104 RB Offset**

Area Scan (70.0 x 220.0): Measurement grid: dx=5.0 mm, dy=10.0 mm

Zoom Scan (28.0 x 28.0 x 28.0): Measurement grid: dx=3.8 mm, dy=3.8 mm, dz=1.4 mm; Graded Ratio: 1.4

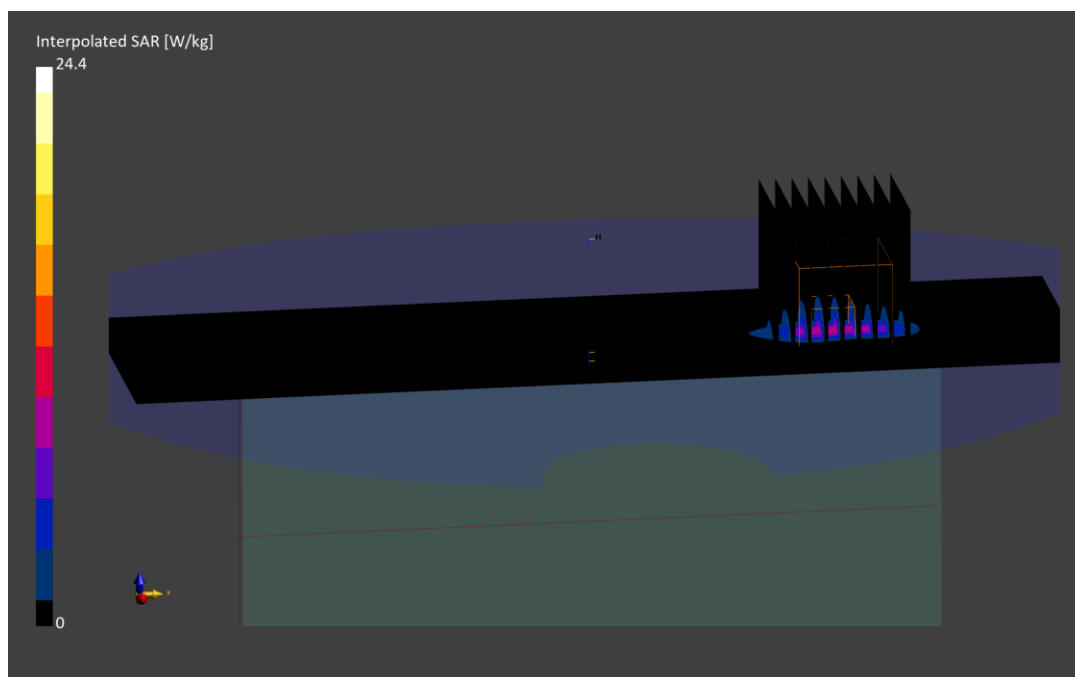
Reference Value = 7.27 W/kg; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 24.4 W/kg

SAR(10 g) = 2.10 W/kg

Smallest distance from peaks to all points 3 dB below is 4.6 mm

Ratio of SAR at M2 to SAR at M1 = 72.6 %



ELEMENT

DUT: A3LSMA356U; Type: Portable Handset; Serial: 2317M

Communication System: UID:10866 - AAD, 5G NR FR1 TDD; MAIA: Y; Frequency: 3750.0 MHz

Medium: 3600 Head; Medium parameters used:

f = 3750.0 MHz; cond = 3.02 S/m; perm = 37.3; density = 1000 kg/m³

Phantom Section: RightHead; Space: 0.00 mm

Test Date: 12/18/2023; Ambient Temp: 20.3°C; Tissue Temp: 20.5°C

Probe: EX3DV4 - SN7659; ConvF:(7.42,7.42,7.42); Calibrated: 2023-04-14

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

Electronics: DAE4 Sn1407; Calibrated: 2023-04-14

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

Measurement SW: DASY Module SAR V16.2.0.1425

**Mode: NR Band n77, Antenna G, Exp: Head| Right Cheek, Ch. 650000,
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 (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

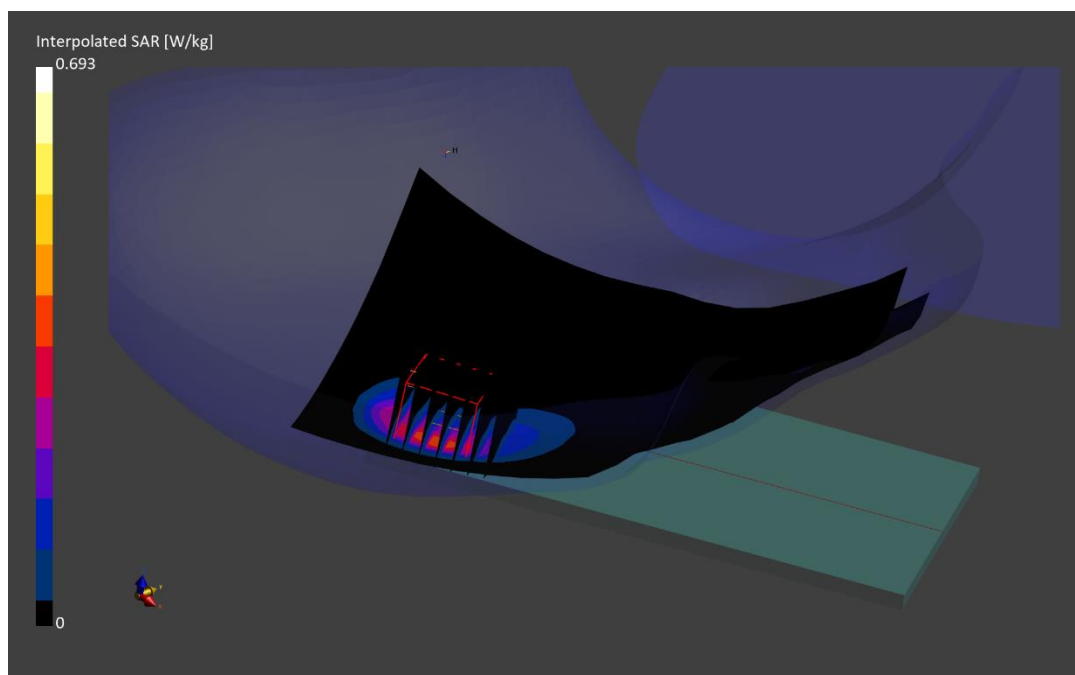
Reference Value = 0.22 W/kg; Power Drift = 0.00 dB

Peak SAR (extrapolated) = 0.693 W/kg

SAR(1 g) = 0.270 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 = 75.6 %



ELEMENT

DUT: A3LSMA356U; Type: Portable Handset; Serial: 3659M

Communication System: UID:10803 - AAD, 5G NR FR1 TDD; MAIA: Y; Frequency: 3930.0 MHz

Medium: 3600 Head; Medium parameters used:

f = 3930.0 MHz; cond = 3.20 S/m; perm = 36.9; density = 1000 kg/m³

Phantom Section: Flat; Space: 15.00 mm

Test Date: 12/04/2023; Ambient Temp: 19.1°C; Tissue Temp: 19.3°C

Probe: EX3DV4 - SN7640; ConvF:(6.88,6.88,6.88); Calibrated: 2023-02-10

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

Electronics: DAE4 Sn1645; Calibrated: 2023-02-16

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

Measurement SW: DASY Module SAR V16.2.0.1425

**Mode: NR Band n77, Antenna G, Exp: Body-worn| Back Side, Ch. 662000,
100 MHz Bandwidth, CP-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

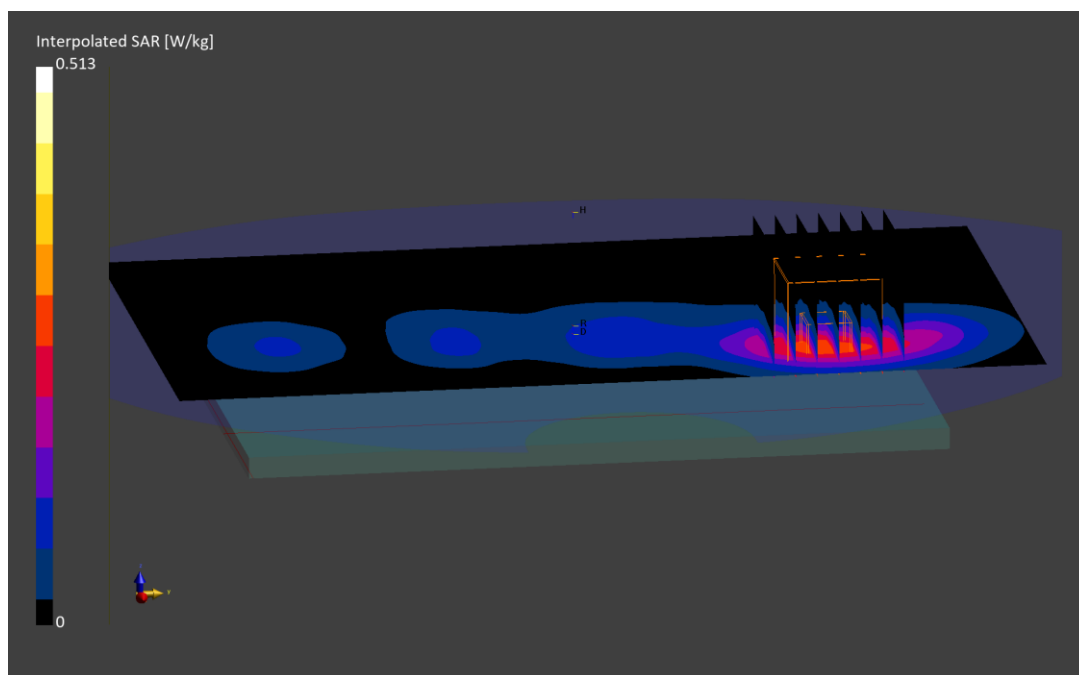
Reference Value = 0.15 W/kg; Power Drift = 0.00 dB

Peak SAR (extrapolated) = 0.513 W/kg

SAR(1 g) = 0.220 W/kg

Smallest distance from peaks to all points 3 dB below is 15.7 mm

Ratio of SAR at M2 to SAR at M1 = 75.5 %



ELEMENT

DUT: A3LSMA356U; Type: Portable Handset; Serial: 3659M

Communication System: UID:10866 - AAD, 5G NR FR1 TDD; MAIA: Y; Frequency: 3930.0 MHz

Medium: 3600 Head; Medium parameters used:

f = 3930.0 MHz; cond = 3.20 S/m; perm = 36.9; density = 1000 kg/m³

Phantom Section: Flat; Space: 10.00 mm

Test Date: 12/04/2023; Ambient Temp: 19.1°C; Tissue Temp: 19.3°C

Probe: EX3DV4 - SN7640; ConvF:(6.88,6.88,6.88); Calibrated: 2023-02-10

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

Electronics: DAE4 Sn1645; Calibrated: 2023-02-16

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

Measurement SW: DASY Module SAR V16.2.0.1425

**Mode: NR Band n77, Antenna G, Exp: Hotspot| Left Edge, Ch. 662000,
100 MHz Bandwidth, DFT-s-OFDM QPSK, 1 RB, 1 RB Offset**

Area Scan (40.0 x 200.0): 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

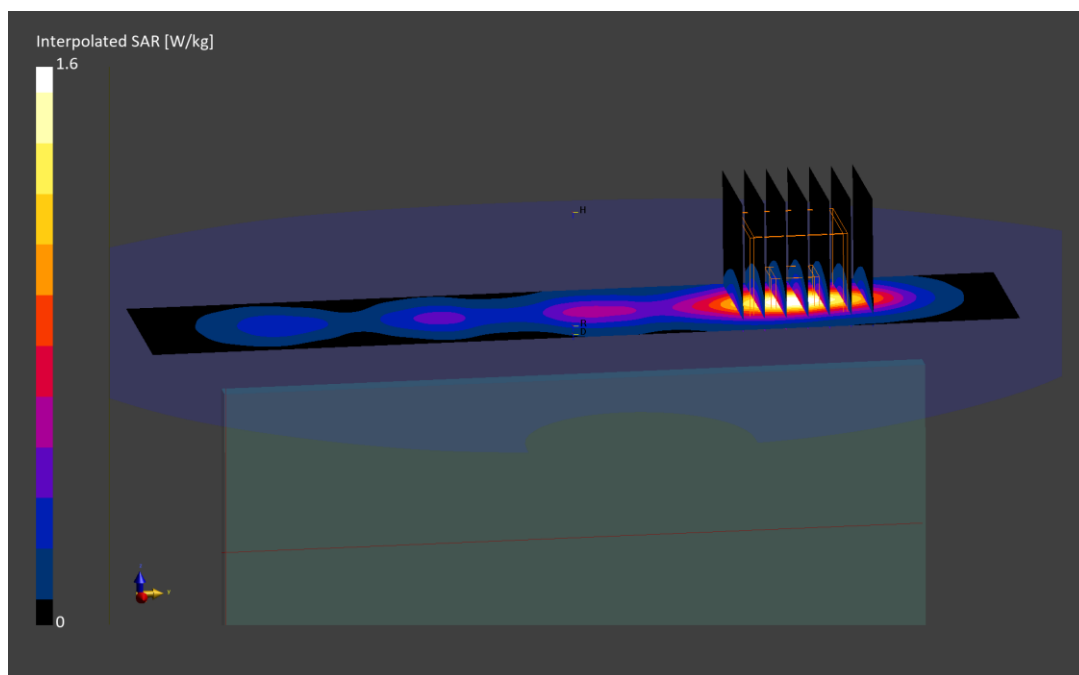
Reference Value = 0.41 W/kg; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 1.60 W/kg

SAR(1 g) = 0.634 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 = 74.9 %



ELEMENT

DUT: A3LSMA356U; Type: Portable Handset; Serial: 3659M

Communication System: UID:10866 - AAD, 5G NR FR1 TDD; MAIA: Y; Frequency: 3930.0 MHz

Medium: 3600 Head; Medium parameters used:

f = 3930.0 MHz; cond = 3.20 S/m; perm = 36.9; density = 1000 kg/m³

Phantom Section: Flat; Space: 0.00 mm

Test Date: 12/04/2023; Ambient Temp: 19.1°C; Tissue Temp: 19.3°C

Probe: EX3DV4 - SN7640; ConvF:(6.88,6.88,6.88); Calibrated: 2023-02-10

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

Electronics: DAE4 Sn1645; Calibrated: 2023-02-16

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

Measurement SW: DASY Module SAR V16.2.0.1425

**Mode: NR Band n77, Antenna G, Exp: Phablet| Left Edge, Ch. 662000,
100 MHz Bandwidth, DFT-s-OFDM QPSK, 1 RB, 1 RB Offset**

Area Scan (40.0 x 200.0): Measurement grid: dx=5.0 mm, dy=10.0 mm

Zoom Scan (28.0 x 28.0 x 28.0): Measurement grid: dx=3.4 mm, dy=3.4 mm, dz=1.4 mm; Graded Ratio: 1.4

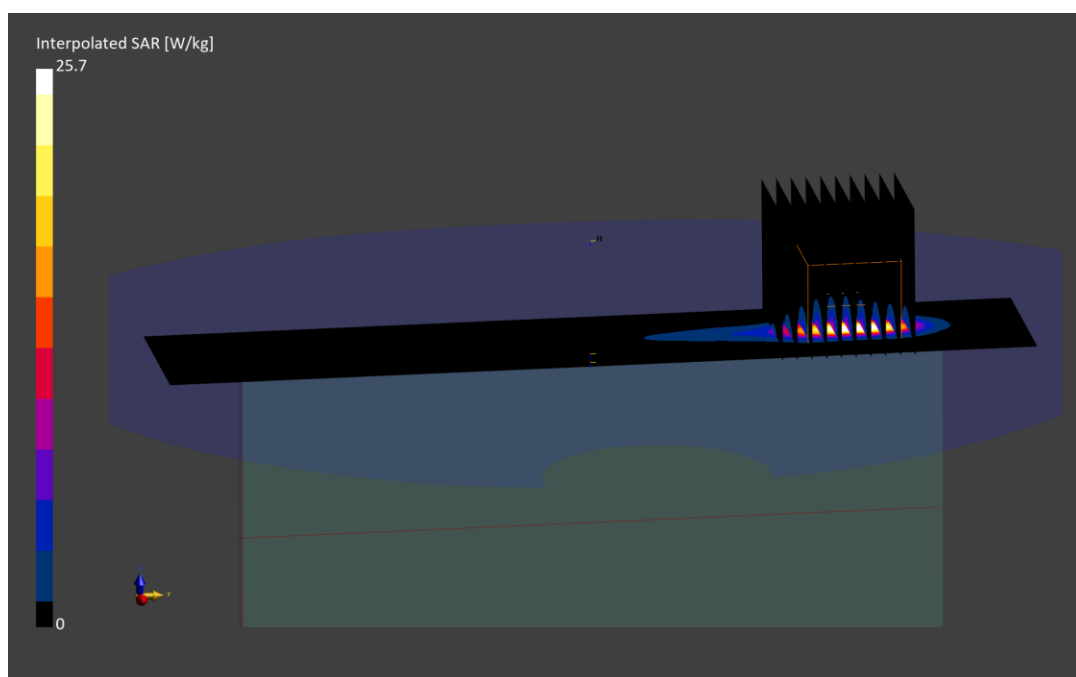
Reference Value = 4.91 W/kg; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 25.7 W/kg

SAR(10 g) = 2.16 W/kg

Smallest distance from peaks to all points 3 dB below is 4.8 mm

Ratio of SAR at M2 to SAR at M1 = 70.1 %



ELEMENT

DUT: A3LSMA356U; Type: Portable Handset; Serial: 0626M

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

Medium: 2450 Head; Medium parameters used:

f = 2412.0 MHz; cond = 1.78 S/m; perm = 38.5; density = 1000 kg/m³

Phantom Section: RightHead; Space: 0.00 mm

Test Date: 12/13/2023; Ambient Temp: 20.8°C; Tissue Temp: 19.4°C

Probe: EX3DV4 - SN7713; ConvF:(8.26,8.26,8.26); Calibrated: 2023-01-11

Sensor-Surface: 1.4mm (All points)

Electronics: DAE4 Sn1530; Calibrated: 2023-01-18

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

Measurement SW: DASY Module SAR V16.2.0.1425

**Mode: 2.4 GHz WIFI/ IEEE 802.11b, Antenna MIMO, 20 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

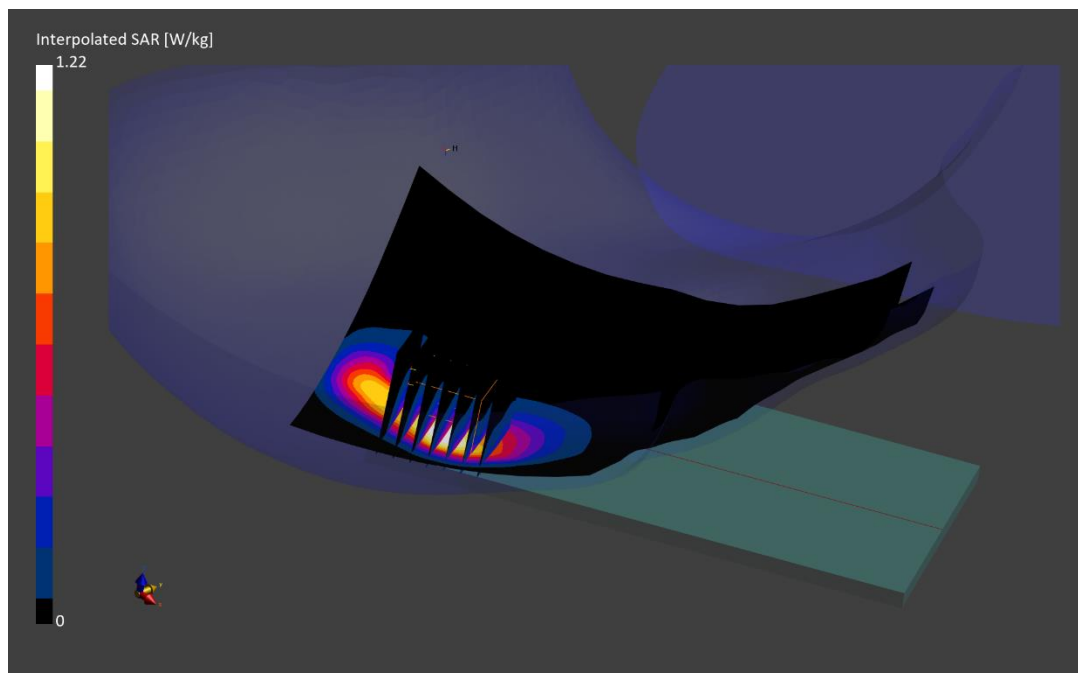
Reference Value = 0.54 W/kg; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 1.22 W/kg

SAR(1 g) = 0.504 W/kg

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

Ratio of SAR at M2 to SAR at M1 = 71.1 %



ELEMENT

DUT: A3LSMA356U; Type: Portable Handset; Serial: 0622M

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

Medium: 2450 Head; Medium parameters used:

f = 2412.0 MHz; cond = 1.76 S/m; perm = 38.7; density = 1000 kg/m³

Phantom Section: Flat; Space: 15.00 mm

Test Date: 12/08/2023; Ambient Temp: 22.3°C; Tissue Temp: 19.6°C

Probe: EX3DV4 - SN7713; ConvF:(8.26,8.26,8.26); Calibrated: 2023-01-11

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

Electronics: DAE4 Sn1530; Calibrated: 2023-01-18

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

Measurement SW: DASY Module SAR V16.2.0.1425

**Mode: 2.4 GHz WIFI/ IEEE 802.11b, Antenna MIMO, 20 MHz Bandwidth, Exp: Body-worn|
Back Side, 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

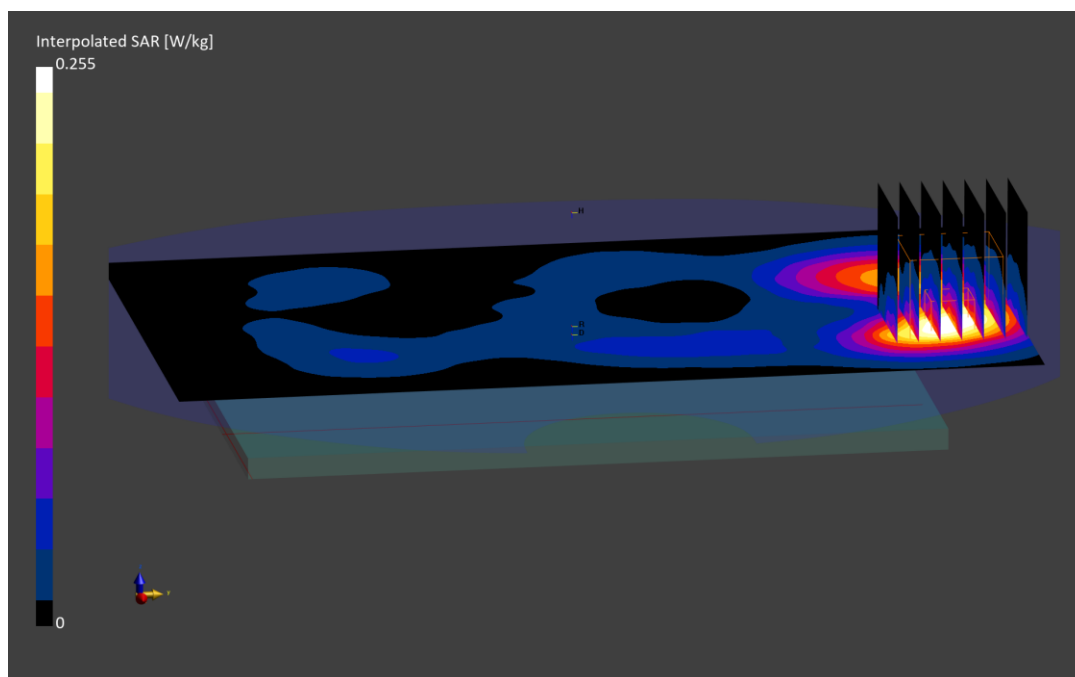
Reference Value = 0.17 W/kg; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 0.255 W/kg

SAR(1 g) = 0.139 W/kg

Smallest distance from peaks to all points 3 dB below is 12.8 mm

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



ELEMENT

DUT: A3LSMA356U; Type: Portable Handset; Serial: 0622M

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

Medium: 2450 Head; Medium parameters used:

f = 2412.0 MHz; cond = 1.74 S/m; perm = 39.7; density = 1000 kg/m³

Phantom Section: Flat; Space: 10.00 mm

Test Date: 12/11/2023; Ambient Temp: 21.1°C; Tissue Temp: 19.6°C

Probe: EX3DV4 - SN7713; ConvF:(8.26,8.26,8.26); Calibrated: 2023-01-11

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

Electronics: DAE4 Sn1530; Calibrated: 2023-01-18

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

Measurement SW: DASY Module SAR V16.2.0.1425

Mode: 2.4 GHz WIFI/ IEEE 802.11b, Antenna I, 20 MHz Bandwidth, Exp: Hotspot| Left Edge, Ch. 1, 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

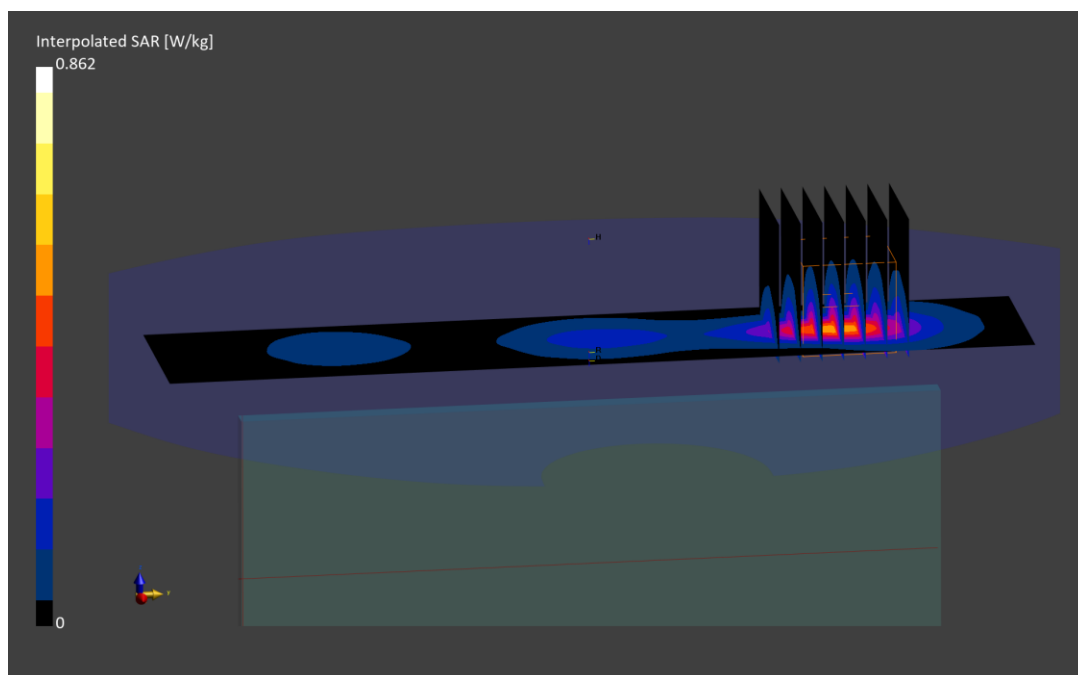
Reference Value = 0.54 W/kg; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 0.862 W/kg

SAR(1 g) = 0.415 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 = 79.2 %



ELEMENT

DUT: A3LSMA356U; Type: Portable Handset; Serial: 0638M

Communication System: UID:10626 - AAC, WLAN; MAIA: Y; Frequency: 5775.0 MHz

Medium: 5200-5800 Head; Medium parameters used:

$f = 5775.0$ MHz; $\text{cond} = 5.44$ S/m; $\text{perm} = 34.8$; $\text{density} = 1000$ kg/m³

Phantom Section: RightHead; Space: 0.00 mm

Test Date: 12/08/2023; Ambient Temp: 20.0°C; Tissue Temp: 19.1°C

Probe: EX3DV4 - SN7570; ConvF:(4.92,4.92,4.92); Calibrated: 2023-01-11

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

Electronics: DAE4 Sn1558; Calibrated: 2023-01-17

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

Measurement SW: DASY Module SAR V16.2.0.1425

**Mode: 5 GHz WIFI/ IEEE 802.11ac, Antenna MIMO, 80 MHz Bandwidth, U-NII-3,
Exp: Head| Right Cheek, Ch. 155, 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

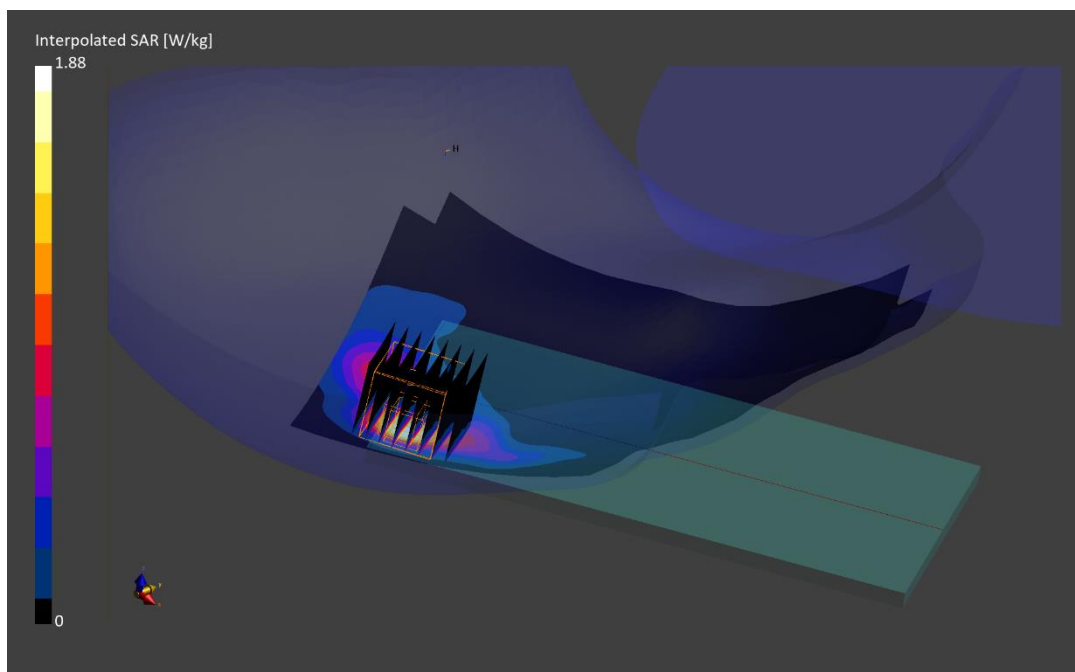
Reference Value = 0.26 W/kg; Power Drift = -0.10 dB

Peak SAR (extrapolated) = 1.88 W/kg

SAR(1 g) = 0.417 W/kg

Smallest distance from peaks to all points 3 dB below is 6.2 mm

Ratio of SAR at M2 to SAR at M1 = 56.8 %



ELEMENT

DUT: A3LSMA356U; Type: Portable Handset; Serial: 0638M

Communication System: UID:10317 - AAD, WLAN; MAIA: Y; Frequency: 5825.0 MHz

Medium: 5200-5800 Head; Medium parameters used:

f = 5825.0 MHz; cond = 5.50 S/m; perm = 34.7; density = 1000 kg/m³

Phantom Section: Flat; Space: 15.00 mm

Test Date: 12/08/2023; Ambient Temp: 20.0°C; Tissue Temp: 19.1°C

Probe: EX3DV4 - SN7570; ConvF:(4.78,4.78,4.78); Calibrated: 2023-01-11

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

Electronics: DAE4 Sn1558; Calibrated: 2023-01-17

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

Measurement SW: DASY Module SAR V16.2.0.1425

**Mode: 5 GHz WIFI/ IEEE 802.11a, Antenna MIMO, 20 MHz Bandwidth, U-NII-3,
Exp: Body-worn| Back Side, Ch. 165, 13 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

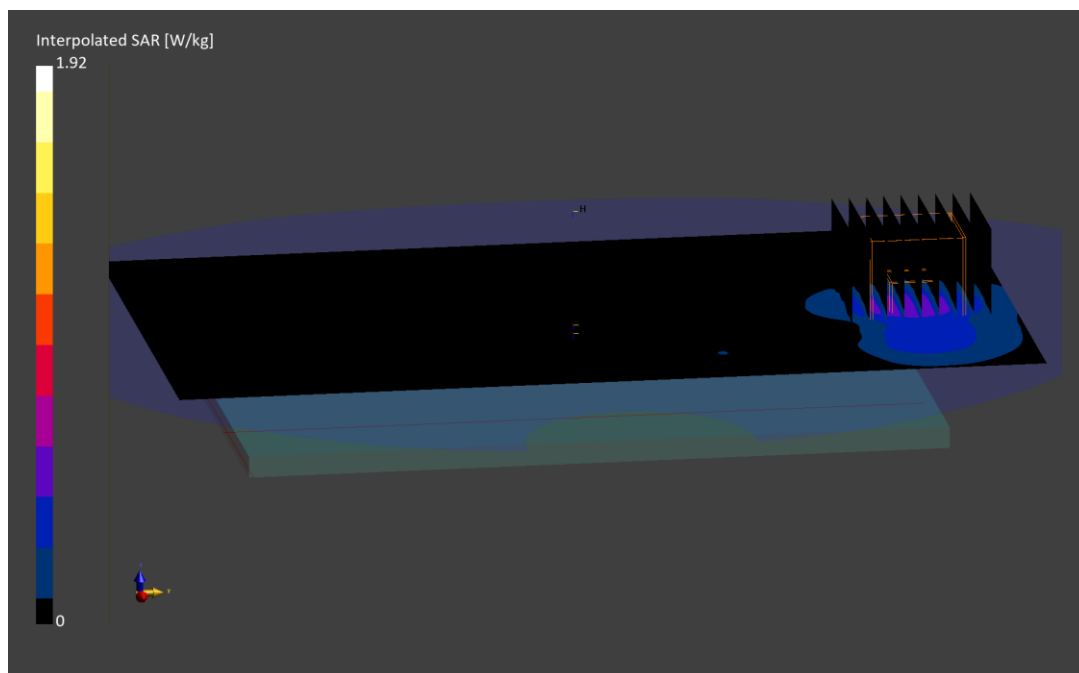
Reference Value = 0.33 W/kg; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 1.92 W/kg

SAR(1 g) = 0.518 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 = 59.2 %



ELEMENT

DUT: A3LSMA356U; Type: Portable Handset; Serial: 0638M

Communication System: UID:10317 - AAD, WLAN; MAIA: Y; Frequency: 5745.0 MHz

Medium: 5200-5800 Head; Medium parameters used:

f = 5745.0 MHz; cond = 5.40 S/m; perm = 34.8; density = 1000 kg/m³

Phantom Section: Flat; Space: 10.00 mm

Test Date: 12/08/2023; Ambient Temp: 20.0°C; Tissue Temp: 19.1°C

Probe: EX3DV4 - SN7570; ConvF:(4.92,4.92,4.92); Calibrated: 2023-01-11

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

Electronics: DAE4 Sn1558; Calibrated: 2023-01-17

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

Measurement SW: DASY Module SAR V16.2.0.1425

**Mode: 5 GHz WIFI/ IEEE 802.11a, Antenna MIMO, 20 MHz Bandwidth, U-NII-3,
Exp: Hotspot| Back Side, Ch. 149, 13 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

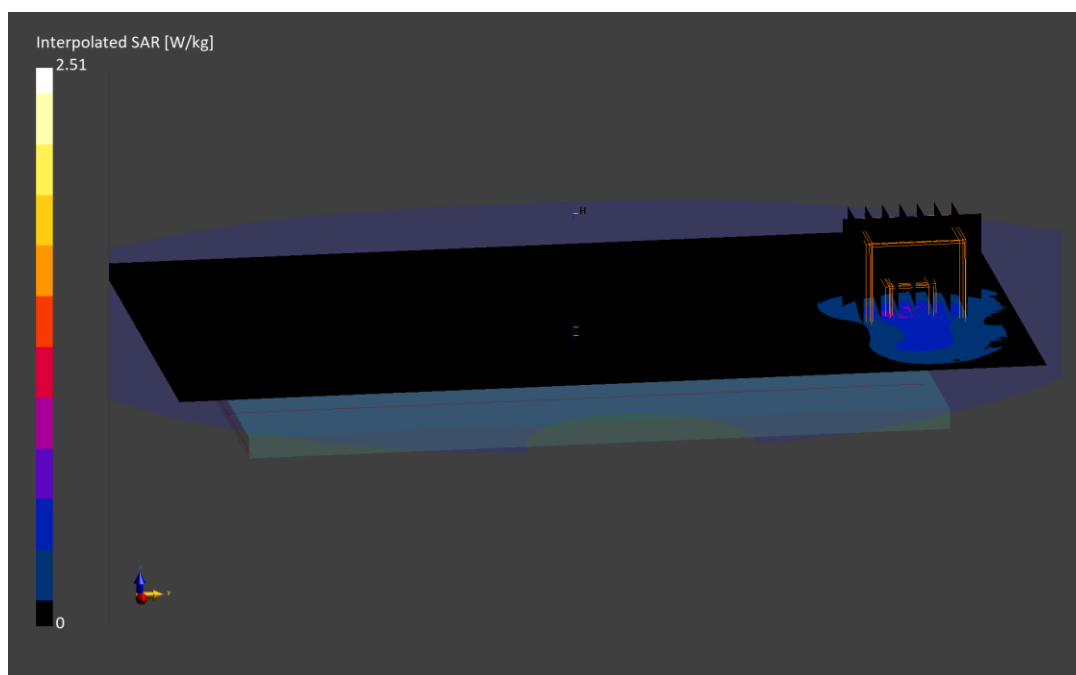
Reference Value = 0.45 W/kg; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 2.51 W/kg

SAR(1 g) = 0.660 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 = 60.8 %



ELEMENT

DUT: A3LSMA356U; Type: Portable Handset; Serial: 0638M

Communication System: UID:10317 - AAC, WLAN; MAIA: Y; Frequency: 5720.0 MHz

Medium: 5200-5800 Head; Medium parameters used:

f = 5720.0 MHz; cond = 5.37 S/m; perm = 34.9; density = 1000 kg/m³

Phantom Section: Flat; Space: 0.00 mm

Test Date: 12/08/2023; Ambient Temp: 20.0°C; Tissue Temp: 19.1°C

Probe: EX3DV4 - SN7570; ConvF:(4.92,4.92,4.92); Calibrated: 2023-01-11

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

Electronics: DAE4 Sn1558; Calibrated: 2023-01-17

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

Measurement SW: DASY Module SAR V16.2.0.1425

**Mode: 5 GHz WIFI/ IEEE 802.11a, Antenna M, 20 MHz Bandwidth, U-NII-2C, Exp:
Phablet| Back Side, Ch. 144, 6 Mbps**

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

Zoom Scan (26.0 x 26.0 x 22.0): Measurement grid: dx=2.6 mm, dy=2.6 mm, dz=1.4 mm; Graded Ratio: 1.4

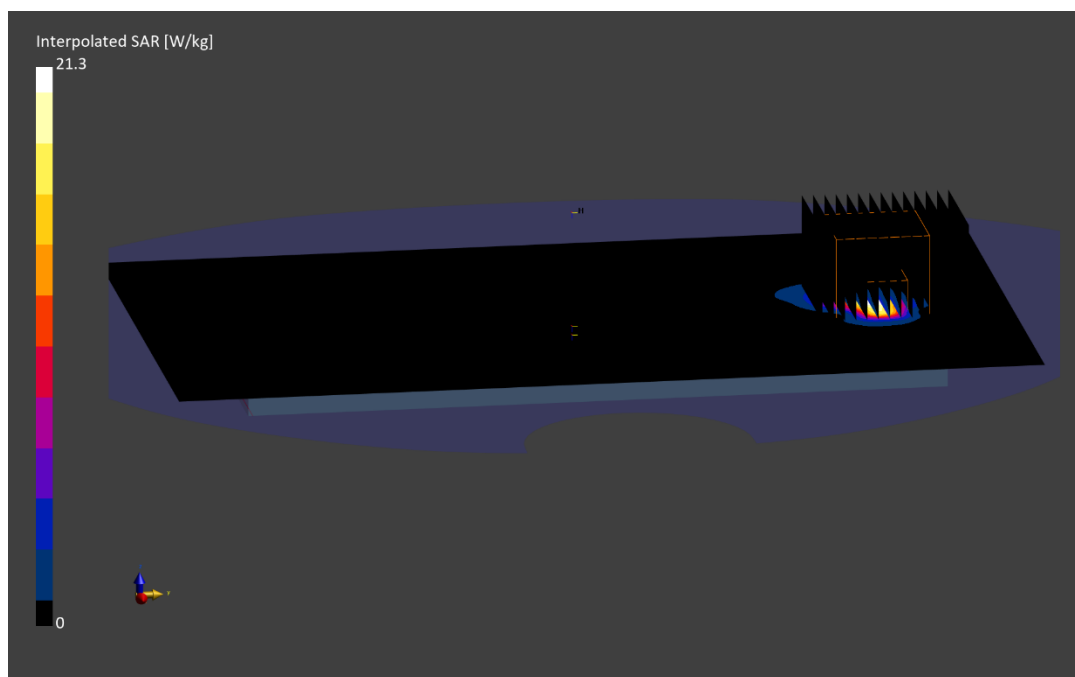
Reference Value = 2.57 W/kg; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 21.3 W/kg

SAR(10 g) = 0.993 W/kg

Smallest distance from peaks to all points 3 dB below is 2.9 mm

Ratio of SAR at M2 to SAR at M1 = 52.3 %



ELEMENT

DUT: A3LSMA356U; Type: Portable Handset; Serial: 0626M

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

Medium: 2450 Head; Medium parameters used:

f = 2441.0 MHz; cond = 1.79 S/m; perm = 38.6; density = 1000 kg/m³

Phantom Section: RightHead; Space: 0.00 mm

Test Date: 12/08/2023; Ambient Temp: 22.3°C; Tissue Temp: 19.6°C

Probe: EX3DV4 - SN7713; ConvF:(8.26,8.26,8.26); Calibrated: 2023-01-11

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

Electronics: DAE4 Sn1530; Calibrated: 2023-01-18

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

Measurement SW: DASY Module SAR V16.2.0.1425

Mode: 2.4 GHz Bluetooth, Antenna I, 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

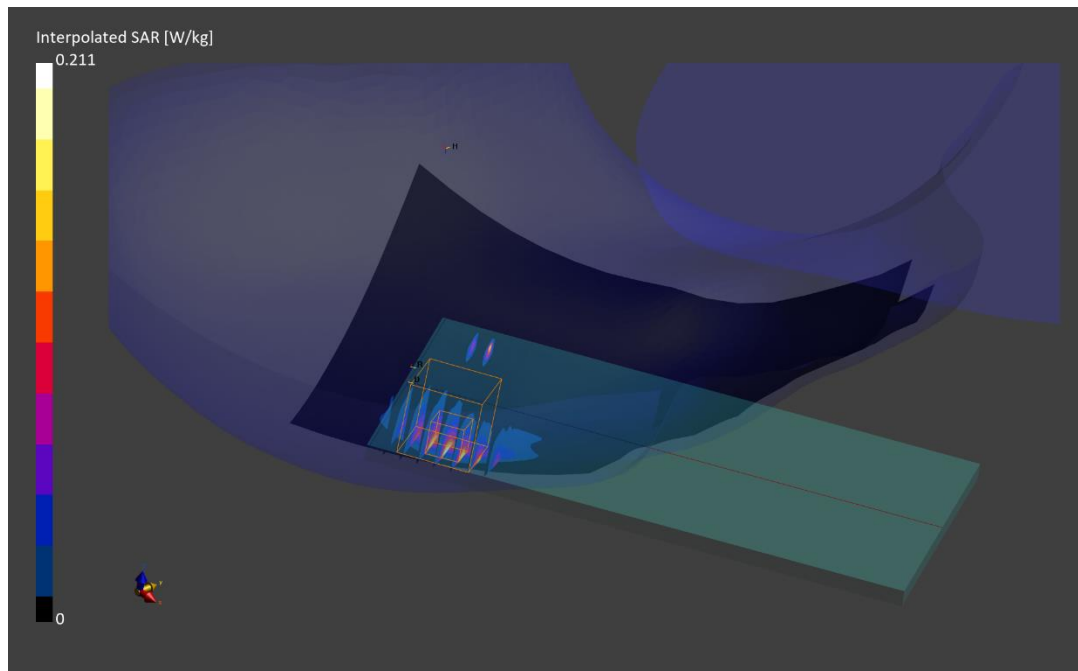
Reference Value = 0.10 W/kg; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.211 W/kg

SAR(1 g) = 0.086 W/kg

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

Ratio of SAR at M2 to SAR at M1 = 75.0 %



ELEMENT

DUT: A3LSMA356U; Type: Portable Handset; Serial: 0626M

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

Medium: 2450 Head; Medium parameters used:

$f = 2441.0$ MHz; $\text{cond} = 1.79$ S/m; $\text{perm} = 38.6$; $\text{density} = 1000$ kg/m³

Phantom Section: Flat; Space: 15.00 mm

Test Date: 12/08/2023; Ambient Temp: 22.3°C; Tissue Temp: 19.6°C

Probe: EX3DV4 - SN7713; ConvF:(8.26,8.26,8.26); Calibrated: 2023-01-11

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

Electronics: DAE4 Sn1530; Calibrated: 2023-01-18

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

Measurement SW: DASY Module SAR V16.2.0.1425

Mode: 2.4 GHz Bluetooth, Antenna I, 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

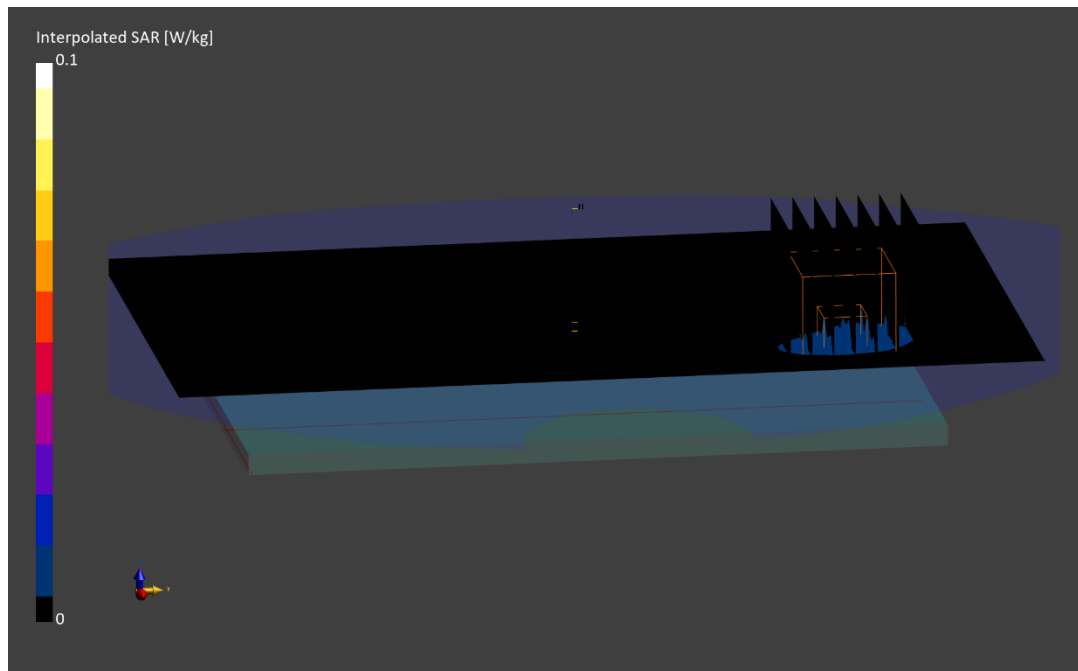
Reference Value = 0.02 W/kg; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.022 W/kg

SAR(1 g) = 0.011 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 = 87.7 %



ELEMENT

DUT: A3LSMA356U; Type: Portable Handset; Serial: 0626M

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

Medium: 2450 Head; Medium parameters used:

f = 2441.0 MHz; cond = 1.79 S/m; perm = 38.6; density = 1000 kg/m³

Phantom Section: Flat; Space: 10.00 mm

Test Date: 12/08/2023; Ambient Temp: 22.3°C; Tissue Temp: 19.6°C

Probe: EX3DV4 - SN7713; ConvF:(8.26,8.26,8.26); Calibrated: 2023-01-11

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

Electronics: DAE4 Sn1530; Calibrated: 2023-01-18

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

Measurement SW: DASY Module SAR V16.2.0.1425

Mode: 2.4 GHz Bluetooth, Antenna I, Exp: Hotspot| 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 (32.0 x 32.0 x 30.0): Measurement grid: dx=4.0 mm, dy=4.0 mm, dz=1.5 mm; Graded Ratio: 1.5

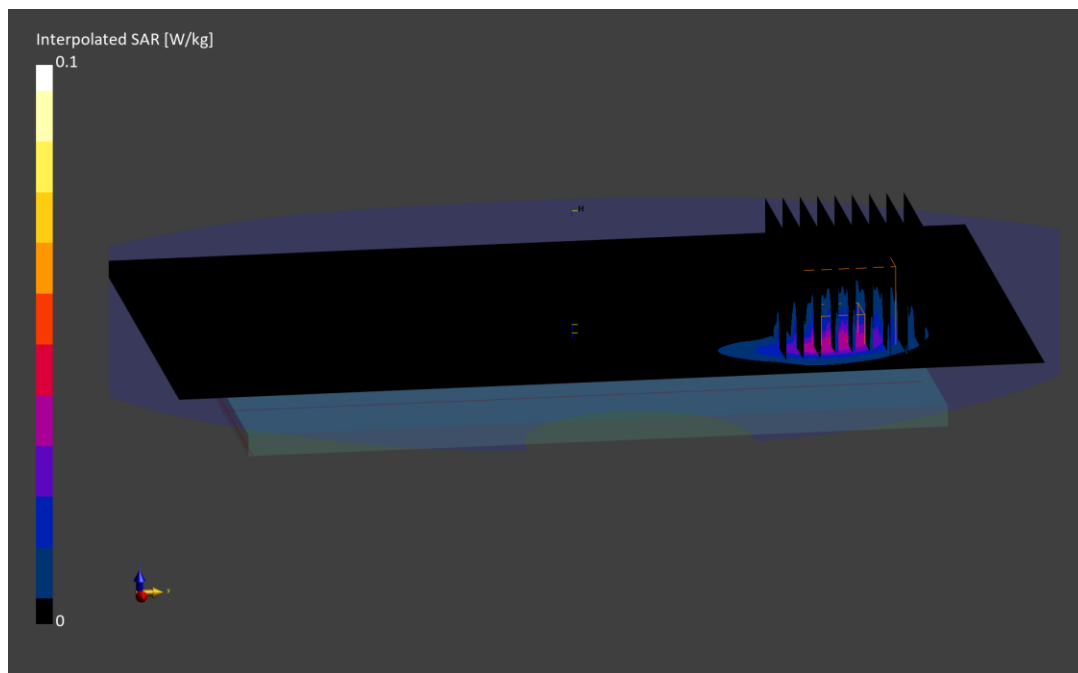
Reference Value = 0.05 W/kg; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.085 W/kg

SAR(1 g) = 0.034 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 = 80.9 %



ELEMENT

DUT: A3LSMA356U; Type: Portable Handset; Serial: 3414M

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

Medium: 30 Head; Medium parameters used:

$f = 13.6$ MHz; $\text{cond} = 0.748$ S/m; $\text{perm} = 53.3$; $\text{density} = 1000$ kg/m³

Phantom Section: Flat; Space: 0.00 mm

Test Date: 12/22/2023; Ambient Temp: 20.2°C; Tissue Temp: 20.2°C

Probe: EX3DV4 - SN7417; ConvF:(18.67,18.67,18.67); Calibrated: 2023-02-08

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

Electronics: DAE4 Sn665; Calibrated: 2023-02-15

Phantom: ELI V8.0 (20deg probe tilt); Serial: 2077

Measurement SW: DASY Module SAR V16.2.0.1425

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 (36.0 x 36.0 x 30.0): Measurement grid: $dx=6.0$ mm, $dy=6.0$ mm, $dz=1.5$ mm; Graded Ratio: 1.5

Reference Value = 0.02 W/kg; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 0.418 W/kg

SAR(10 g) = 0.028 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 = 48.4 %

