APPENDIX A: SAR TEST PLOTS

ELEMENT

DUT: A3LSMA156U; Type: Portable Handset; Serial: 07056

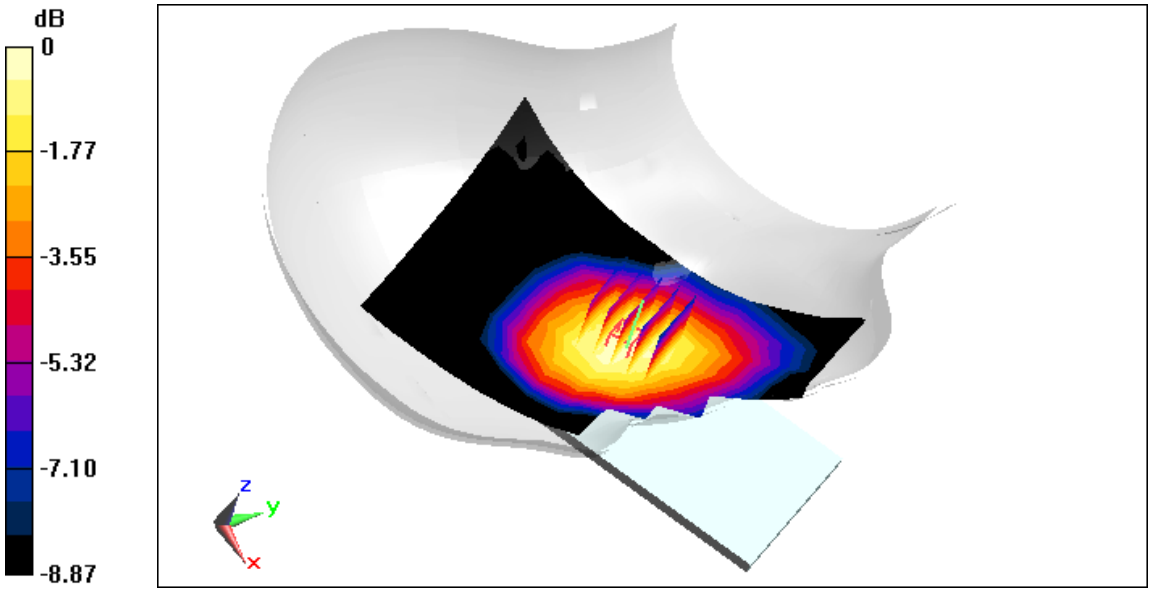
Communication System: UID 0, GSM; Frequency: 848.8 MHz; Duty Cycle: 1:8.3
Medium: 835 Head; Medium parameters used (interpolated):
f = 848.8 MHz; σ = 0.887 S/m; ε_r = 39.818; ρ = 1000 kg/m^3
Phantom section: Right Section

Test Date: 09/25/2023; Ambient Temp:22.2°C; Tissue Temp: 22.3°C

Probe: EX3DV4 - SN7637; ConvF(10.23, 10.23, 10.23) @ 848.8 MHz; Calibrated: 3/16/2023
Sensor-Surface: 1.4mm (Mechanical Surface Detection)
Electronics: DAE4 Sn1652; Calibrated: 3/16/2023
Phantom: Twin-SAM V4.0; Type: QD 000 P40 CC; Serial: 1596
Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7501)

Mode: GSM 850, Antenna A, Right Head, Cheek, High.ch

Area Scan (9x13x1): Measurement grid: dx=15mm, dy=15mm
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 17.25 V/m; Power Drift = 0.04 dB
Peak SAR (extrapolated) = 0.301 W/kg
SAR(1 g) = 0.247 W/kg
Smallest distance from peaks to all points 3 dB below: Larger than measurement grid (> 16 mm)
Ratio of SAR at M2 to SAR at M1 = 82.8%



ELEMENT

DUT: A3LSMA156U; Type: Portable Handset; Serial: 07056

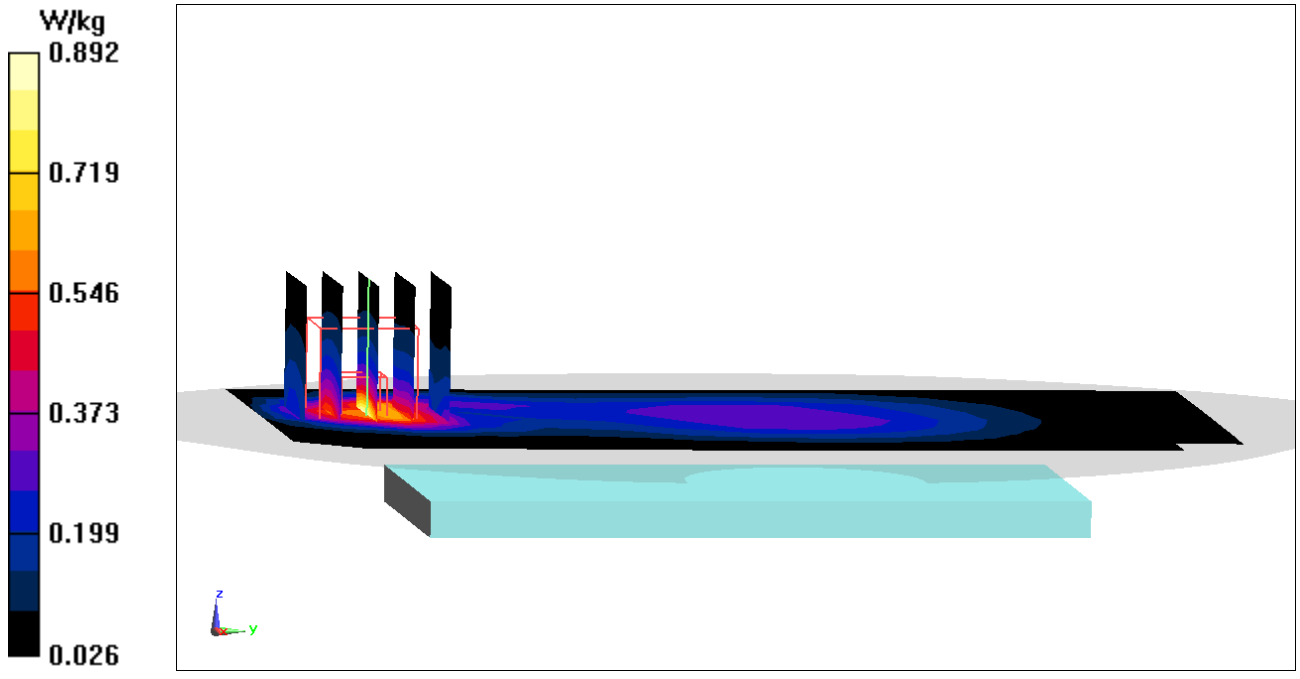
Communication System: UID 0, GSM; Frequency: 848.8 MHz; Duty Cycle: 1:8.3
Medium: 835 Head; Medium parameters used (interpolated):
f = 848.8 MHz; σ = 0.887 S/m; ε_r = 39.818; ρ = 1000 kg/m^3
Phantom section: Flat Section; Space: 1.0 cm

Test Date: 09/25/2023; Ambient Temp:22.2°C; Tissue Temp: 22.3°C

Probe: EX3DV4 - SN7637; ConvF(10.23, 10.23, 10.23) @ 848.8 MHz; Calibrated: 3/16/2023
Sensor-Surface: 1.4mm (Mechanical Surface Detection)
Electronics: DAE4 Sn1652; Calibrated: 3/16/2023
Phantom: Twin-SAM V4.0; Type: QD 000 P40 CC; Serial: 1596
Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7501)

Mode: GSM 850, Antenna A, Body SAR, Back side, High.ch

Area Scan (9x15x1): Measurement grid: dx=15mm, dy=15mm
Zoom Scan 1 (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 26.80 V/m; Power Drift = 0.00 dB
Peak SAR (extrapolated) = 1.06 W/kg
SAR(1 g) = 0.572 W/kg
Smallest distance from peaks to all points 3 dB below = 9.6 mm
Ratio of SAR at M2 to SAR at M1 = 53.9%



ELEMENT

DUT: A3LSMA156U; Type: Portable Handset; Serial: 07056

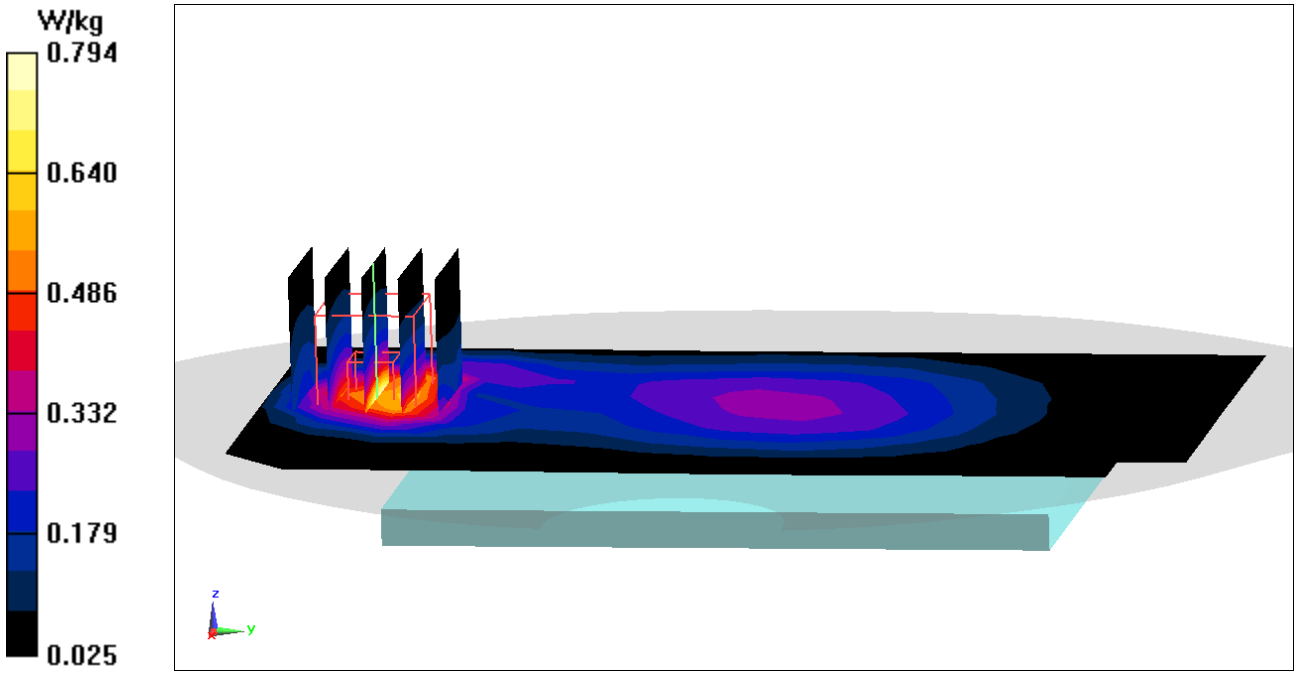
Communication System: UID 0, GPRS; 3 Tx slots; Frequency: 848.8 MHz; Duty Cycle: 1:2.76
Medium: 835 Head; Medium parameters used (interpolated):
f = 848.8 MHz; σ = 0.887 S/m; ε_r = 39.818; ρ = 1000 kg/m^3
Phantom section: Flat Section; Space: 1.0 cm

Test Date: 09/25/2023; Ambient Temp:22.2°C; Tissue Temp: 22.3°C

Probe: EX3DV4 - SN7637; ConvF(10.23, 10.23, 10.23) @ 848.8 MHz; Calibrated: 3/16/2023
Sensor-Surface: 1.4mm (Mechanical Surface Detection)
Electronics: DAE4 Sn1652; Calibrated: 3/16/2023
Phantom: Twin-SAM V4.0; Type: QD 000 P40 CC; Serial: 1596
Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7501)

Mode: GPRS 850, Antenna A, Exp: Body| SAR, Back side, High.ch, 3 Tx Slots

Area Scan (9x15x1): Measurement grid: dx=15mm, dy=15mm
Zoom Scan 1 (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 25.54 V/m; Power Drift = -0.03 dB
Peak SAR (extrapolated) = 0.947 W/kg
SAR(1 g) = 0.515 W/kg
Smallest distance from peaks to all points 3 dB below = 11.2 mm
Ratio of SAR at M2 to SAR at M1 = 55%



ELEMENT

DUT: A3LSMA156U; Type: Portable Handset; Serial: 07973

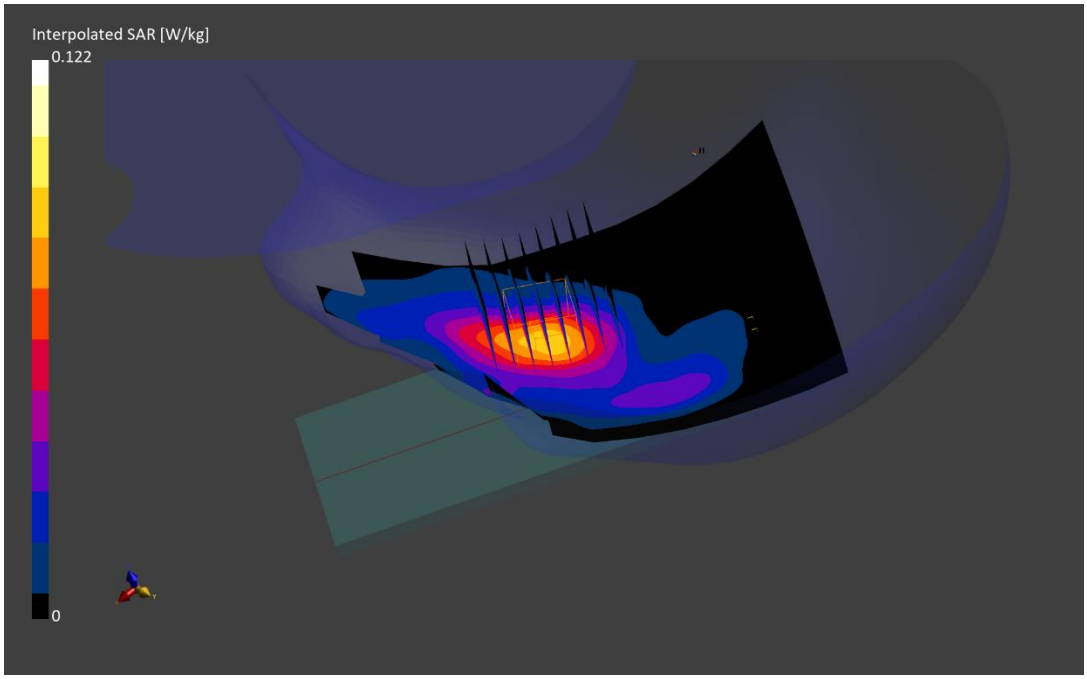
Communication System: UID:10021 - DAC, GSM; MAIA: Y; Frequency: 1880.0 MHz
Medium: 1900 Head; Medium parameters used:
f = 1880.0 MHz; cond = 1.42 S/m; perm = 40.3; density = 1000 kg/m^3
Phantom Section: LeftHead; Space: 0.00 mm

Test Date: 09/11/2023; Ambient Temp: 20.0°C; Tissue Temp: 21.5°C

Probe: EX3DV4 - SN7421; ConvF:(7.43,7.43,7.43); Calibrated: 2023-03-16
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn604; Calibrated: 2023-03-15
Phantom: Twin-SAM V8.0; Serial: 2070
Measurement SW: DASY Module SAR V16.2.0.1425

Mode: GSM 1900, Antenna B, Exp: Head| Left Cheek, Ch. Mid

Area Scan (120.0 x 210.0): Measurement grid: dx=15.0 mm, dy=15.0 mm
Zoom Scan (30.0 x 30.0 x 30.0): Measurement grid: dx=6.0 mm, dy=6.0 mm, dz=1.5 mm; Graded Ratio: 1.5
Reference Value = 0.09 W/kg; Power Drift = -0.17 dB
Peak SAR (extrapolated) = 0.122 W/kg
SAR(1 g) = 0.079 W/kg;
Smallest distance from peaks to all points 3 dB below is 11.3 mm
Ratio of SAR at M2 to SAR at M1 = 88.6 %



ELEMENT

DUT: A3LSMA156U; Type: Portable Handset; Serial: 07999

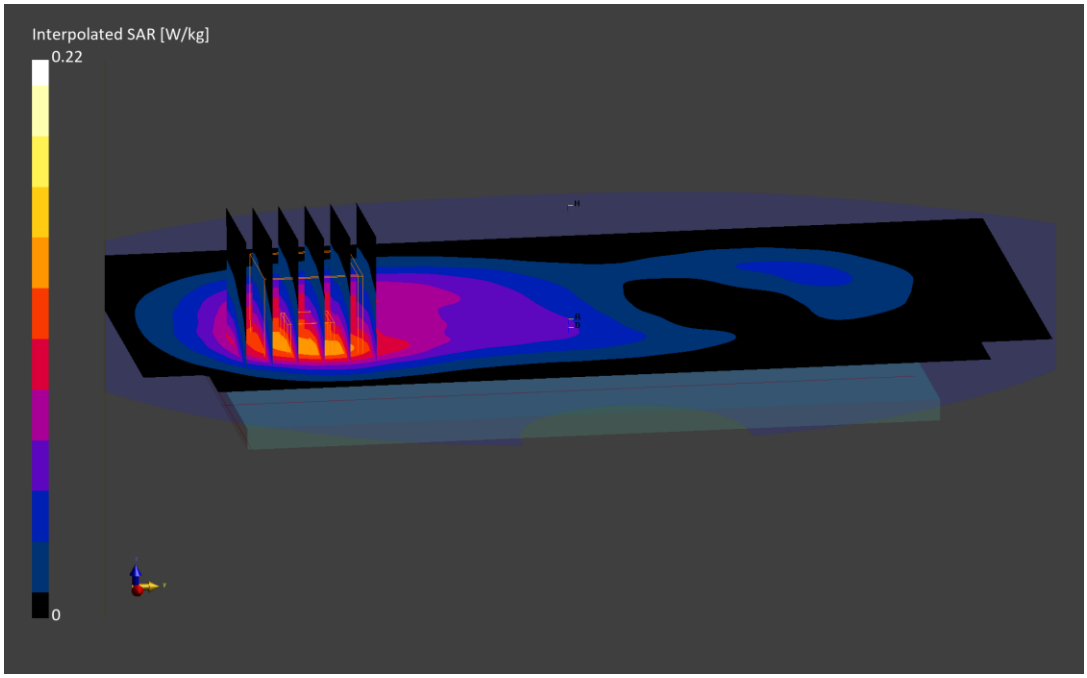
Communication System: UID:10021 - DAC, GSM; MAIA: Y; Frequency: 1880.0 MHz
Medium: 1900 Head; Medium parameters used:
f = 1880.0 MHz; cond = 1.36 S/m; perm = 39.2; density = 1000 kg/m3
Phantom Section: Flat; Space: 10.00 mm

Test Date: 09/11/2023; Ambient Temp: 20.3°C; Tissue Temp: 20.6°C

Probe: EX3DV4 - SN7638; ConvF:(8.8,8.8,8.8); Calibrated: 2023-03-16
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1408; Calibrated: 2023-03-13
Phantom: Twin-SAM V8.0; Serial: 1357
Measurement SW: DASY Module SAR V16.2.0.1425

Mode: GSM 1900, Antenna B, Exp: Body-worn| Back Side, Ch. Mid

Area Scan (120.0 x 210.0): Measurement grid: dx=15.0 mm, dy=15.0 mm
Zoom Scan (30.0 x 30.0 x 30.0): Measurement grid: dx=6.0 mm, dy=6.0 mm, dz=1.5 mm; Graded Ratio: 1.5
Reference Value = 0.17 W/kg; Power Drift = -0.04 dB
Peak SAR (extrapolated) = 0.220 W/kg
SAR(1 g) = 0.123 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 = 82.8 %



ELEMENT

DUT: A3LSMA156U; Type: Portable Handset; Serial: 07122

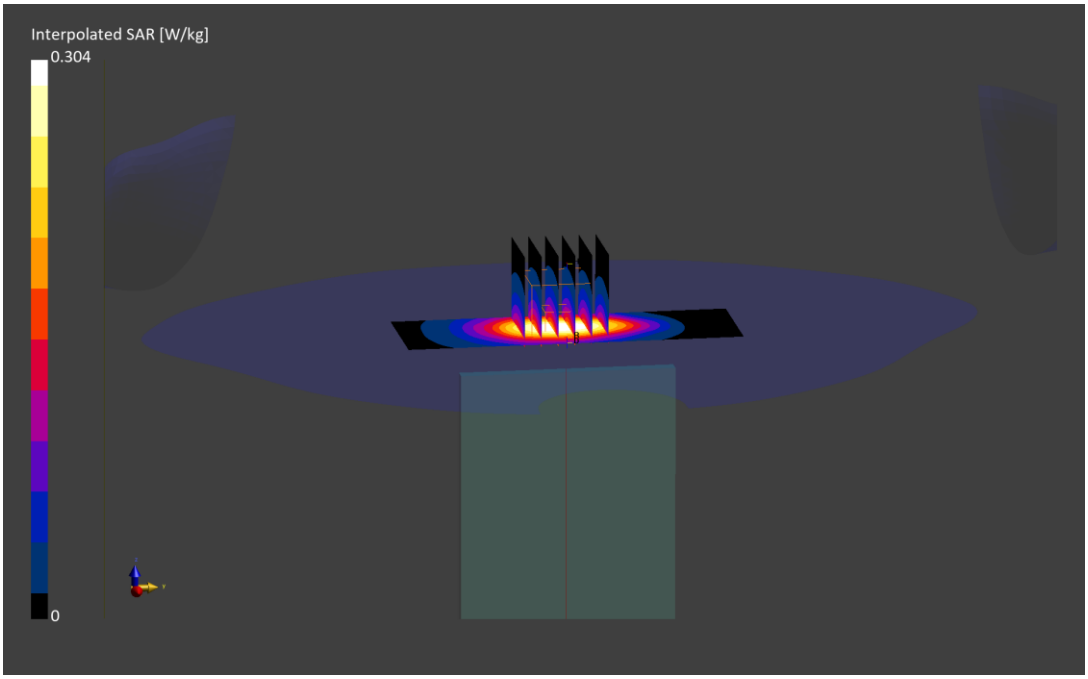
Communication System: UID:10028 - DAC, GSM; MAIA: Y; Frequency: 1880.0 MHz
Medium: 1900 Head; Medium parameters used:
f = 1880.0 MHz; cond = 1.43 S/m; perm = 41.5; density = 1000 kg/m3
Phantom Section: Flat; Space: 10.00 mm

Test Date: 09/20/2023; Ambient Temp: 21.9°C; Tissue Temp: 21.3°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: GPRS 1900, Antenna B, Bottom Edge, Ch. Mid, 4 Tx Slots

Area Scan (40.0 x 120.0): Measurement grid: dx=5.0 mm, dy=15.0 mm
Zoom Scan (30.0 x 30.0 x 30.0): Measurement grid: dx=6.0 mm, dy=6.0 mm, dz=1.5 mm; Graded Ratio: 1.5
Reference Value = 0.17 W/kg; Power Drift = 0.03 dB
Peak SAR (extrapolated) = 0.304 W/kg
SAR(1 g) = 0.176 W/kg;
Smallest distance from peaks to all points 3 dB below is 15.6 mm
Ratio of SAR at M2 to SAR at M1 = 82.6 %



ELEMENT

DUT: A3LSMA156U; Type: Portable Handset; Serial: 07080

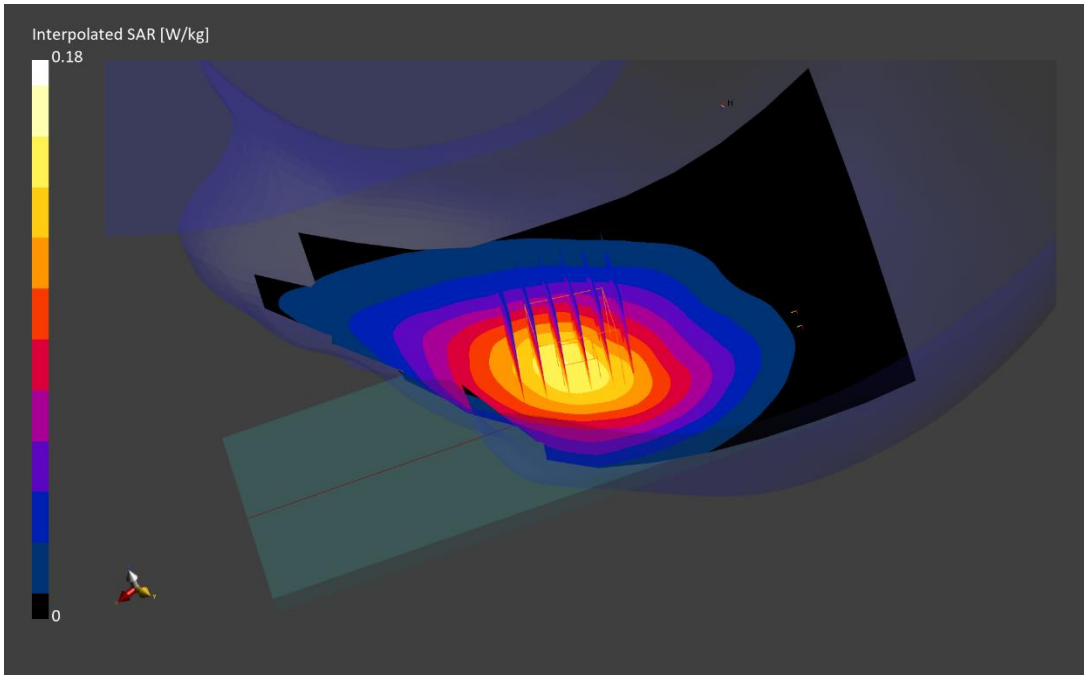
Communication System: UID:10011 - CAB, WCDMA; MAIA: Y; Frequency: 836.6 MHz
Medium: 835 Head; Medium parameters used:
f = 836.6 MHz; cond = 0.904 S/m; perm = 41.2; density = 1000 kg/m3
Phantom Section: LeftHead; Space: 0.00 mm

Test Date: 10/18/2023; Ambient Temp: 22.9°C; Tissue Temp: 21.8°C

Probe: EX3DV4 - SN7661; ConvF:(10.09,10.09,10.09); Calibrated: 2023-06-14
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn728; Calibrated: 2023-05-11
Phantom: Twin-SAM V8.0; Serial: 2064
Measurement SW: DASY Module SAR V16.2.0.1425

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

Area Scan (120.0 x 210.0): Measurement grid: dx=15.0 mm, dy=15.0 mm
Zoom Scan (30.0 x 30.0 x 30.0): Measurement grid: dx=6.0 mm, dy=6.0 mm, dz=1.5 mm; Graded Ratio: 1.5
Reference Value = 0.14 W/kg; Power Drift = 0.00 dB
Peak SAR (extrapolated) = 0.180 W/kg
SAR(1 g) = 0.137 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 = 92.7 %



ELEMENT

DUT: A3LSMA156U; Type: Portable Handset; Serial: 08039

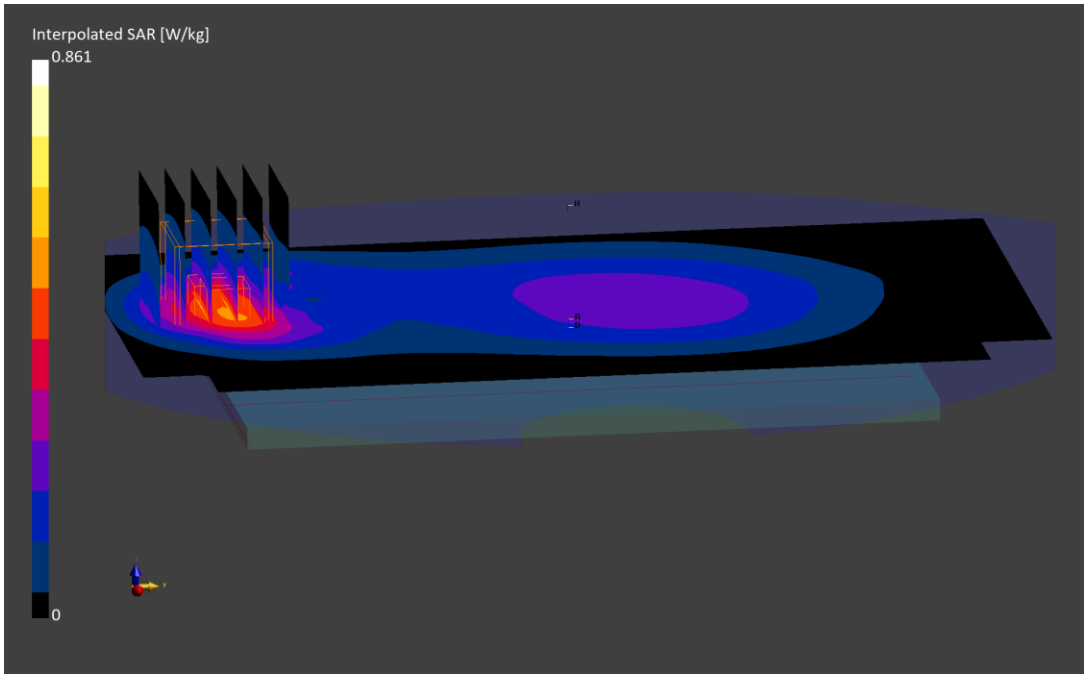
Communication System: UID:10011 - CAB, WCDMA; MAIA: Y; Frequency: 836.6 MHz
Medium: 835 Head; Medium parameters used:
f = 836.6 MHz; cond = 0.925 S/m; perm = 40.9; density = 1000 kg/m3
Phantom Section: Flat; Space: 10.00 mm

Test Date: 10/04/2023; Ambient Temp: 23.1°C; Tissue Temp: 23.5°C

Probe: EX3DV4 - SN7565; ConvF:(9.16,9.16,9.16); 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: UMTS 850, Antenna A, Exp: Body-worn/Hotspot| Back Side, Ch. Mid

Area Scan (120.0 x 210.0): Measurement grid: dx=15.0 mm, dy=15.0 mm
Zoom Scan (30.0 x 30.0 x 30.0): Measurement grid: dx=6.0 mm, dy=6.0 mm, dz=1.5 mm; Graded Ratio: 1.5
Reference Value = 0.42 W/kg; Power Drift = 0.03 dB
Peak SAR (extrapolated) = 0.861 W/kg
SAR(1 g) = 0.473 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 = 82.4 %



ELEMENT

DUT: A3LSMA156U; Type: Portable Handset; Serial: 07080

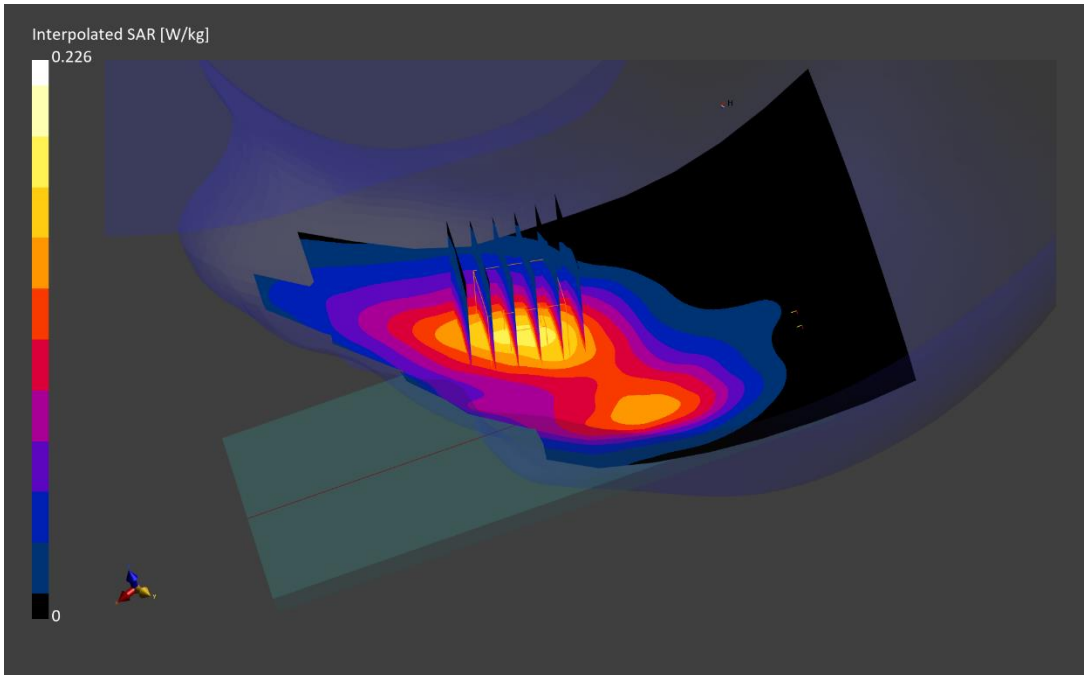
Communication System: UID:10011 - CAB, WCDMA; MAIA: Y; Frequency: 1712.4 MHz
Medium: 1750 Head; Medium parameters used:
f = 1712.4 MHz; cond = 1.31 S/m; perm = 40.0; density = 1000 kg/m3
Phantom Section: LeftHead; Space: 0.00 mm

Test Date: 10/17/2023; Ambient Temp: 23.0°C; Tissue Temp: 21.5°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: UMTS 1750, 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 = 0.16 W/kg; Power Drift = 0.10 dB
Peak SAR (extrapolated) = 0.226 W/kg
SAR(1 g) = 0.154 W/kg;
Smallest distance from peaks to all points 3 dB below is 17.8 mm
Ratio of SAR at M2 to SAR at M1 = 87.7 %



ELEMENT

DUT: A3LSMA156U; Type: Portable Handset; Serial: 07056

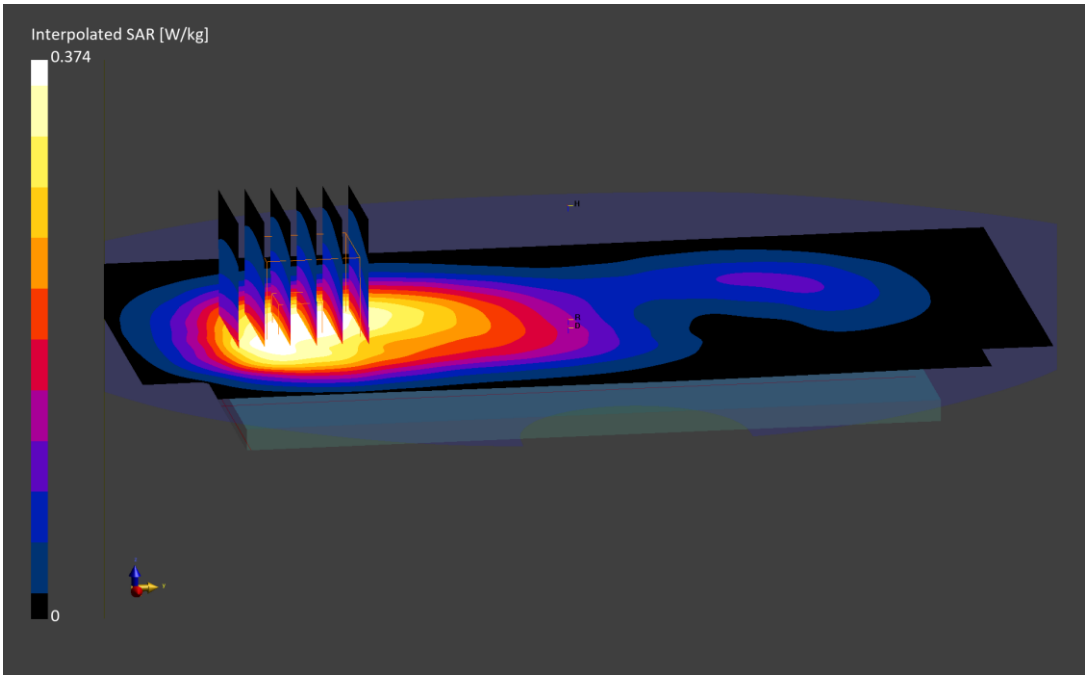
Communication System: UID:10011 - CAB, WCDMA; MAIA: Y; Frequency: 1712.4 MHz
Medium: 1750 Head; Medium parameters used:
f = 1712.4 MHz; cond = 1.38 S/m; perm = 39.0; density = 1000 kg/m3
Phantom Section: Flat; Space: 10.00 mm

Test Date: 10/02/2023; Ambient Temp: 21.9°C; Tissue Temp: 21.5°C

Probe: EX3DV4 - SN7640; ConvF:(9.23,9.23,9.23); Calibrated: 2023-02-10
Sensor-Surface: 1.4mm (All points)
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 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 = -0.03 dB
Peak SAR (extrapolated) = 0.374 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 = 83.8 %



ELEMENT

DUT: A3LSMA156U; Type: Portable Handset; Serial: 07056

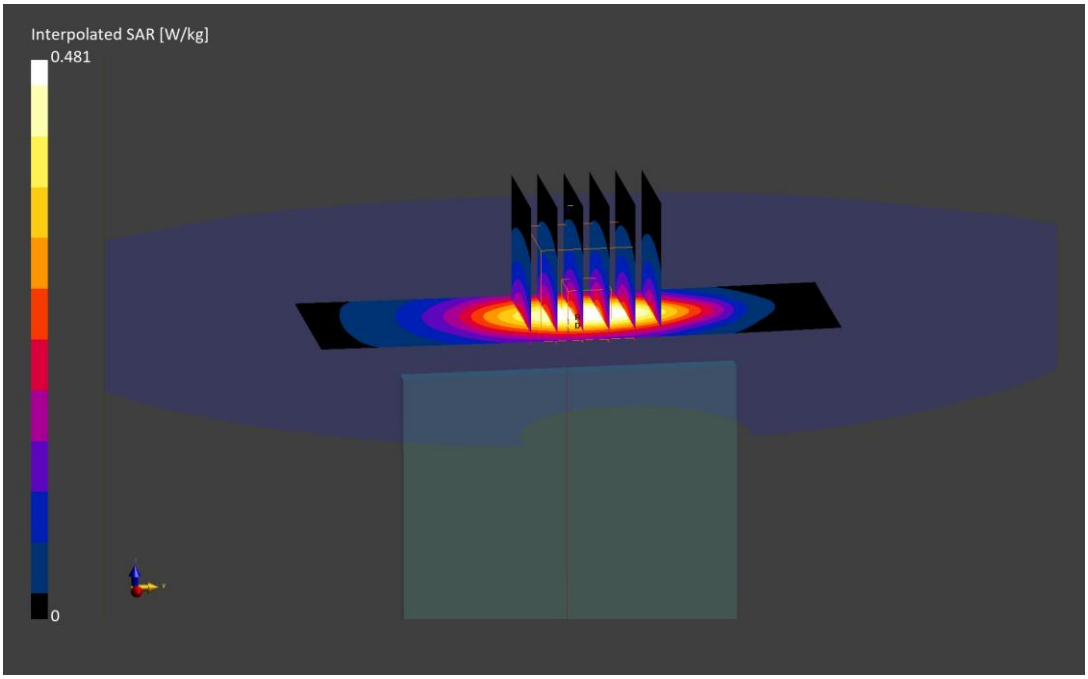
Communication System: UID:10011 - CAB, WCDMA; MAIA: Y; Frequency: 1712.4 MHz
Medium: 1750 Head; Medium parameters used:
f = 1712.4 MHz; cond = 1.38 S/m; perm = 39.0; density = 1000 kg/m3
Phantom Section: Flat; Space: 10.00 mm

Test Date: 10/02/2023; Ambient Temp: 21.9°C; Tissue Temp: 21.5°C

Probe: EX3DV4 - SN7640; ConvF:(9.23,9.23,9.23); Calibrated: 2023-02-10
Sensor-Surface: 1.4mm (All points)
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 1750, Antenna B, Exp: Hotspot| Bottom Edge, Ch. Low

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 = 0.21 W/kg; Power Drift = -0.19 dB
Peak SAR (extrapolated) = 0.481 W/kg
SAR(1 g) = 0.269 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 = 80.9 %



ELEMENT

DUT: A3LSMA156U; Type: Portable Handset; Serial: 07080

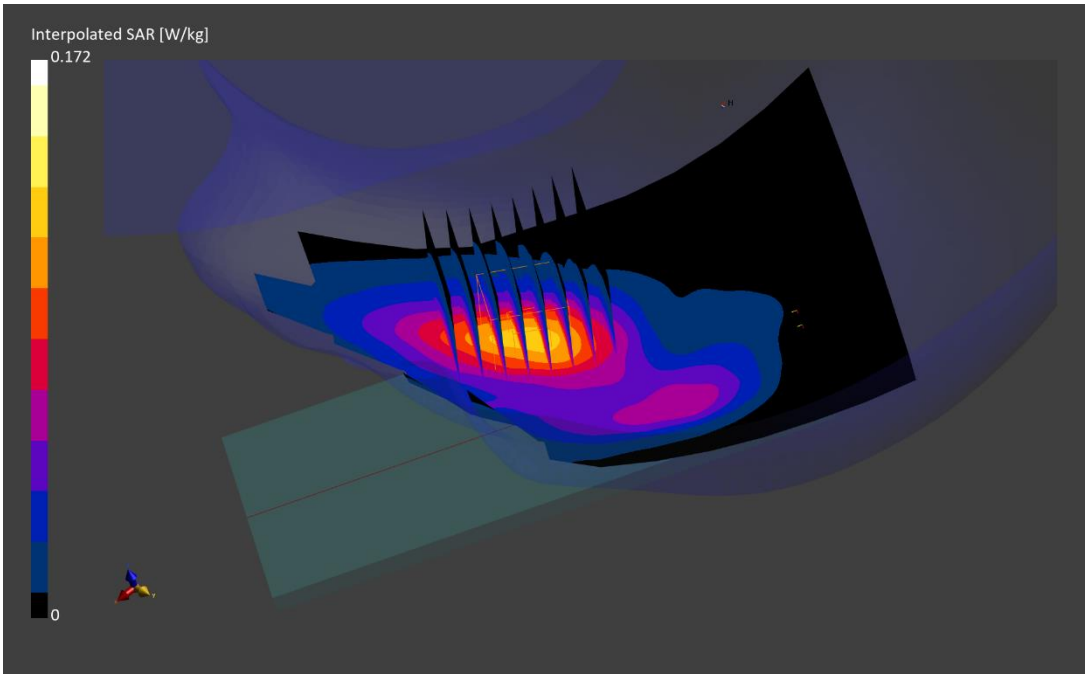
Communication System: UID:10011 - CAB, WCDMA; MAIA: Y; Frequency: 1880.0 MHz
Medium: 1900 Head; Medium parameters used:
f = 1880.0 MHz; cond = 1.41 S/m; perm = 40.4; density = 1000 kg/m3
Phantom Section: LeftHead; Space: 0.00 mm

Test Date: 10/18/2023; Ambient Temp: 21.3°C; Tissue Temp: 22.5°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. Mid

Area Scan (120.0 x 210.0): Measurement grid: dx=15.0 mm, dy=15.0 mm
Zoom Scan (30.0 x 30.0 x 30.0): Measurement grid: dx=6.0 mm, dy=6.0 mm, dz=1.5 mm; Graded Ratio: 1.5
Reference Value = 0.10 W/kg; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 0.172 W/kg
SAR(1 g) = 0.109 W/kg;
Smallest distance from peaks to all points 3 dB below is 14.8 mm
Ratio of SAR at M2 to SAR at M1 = 87.2 %



ELEMENT

DUT: A3LSMA156U; Type: Portable Handset; Serial: 08187

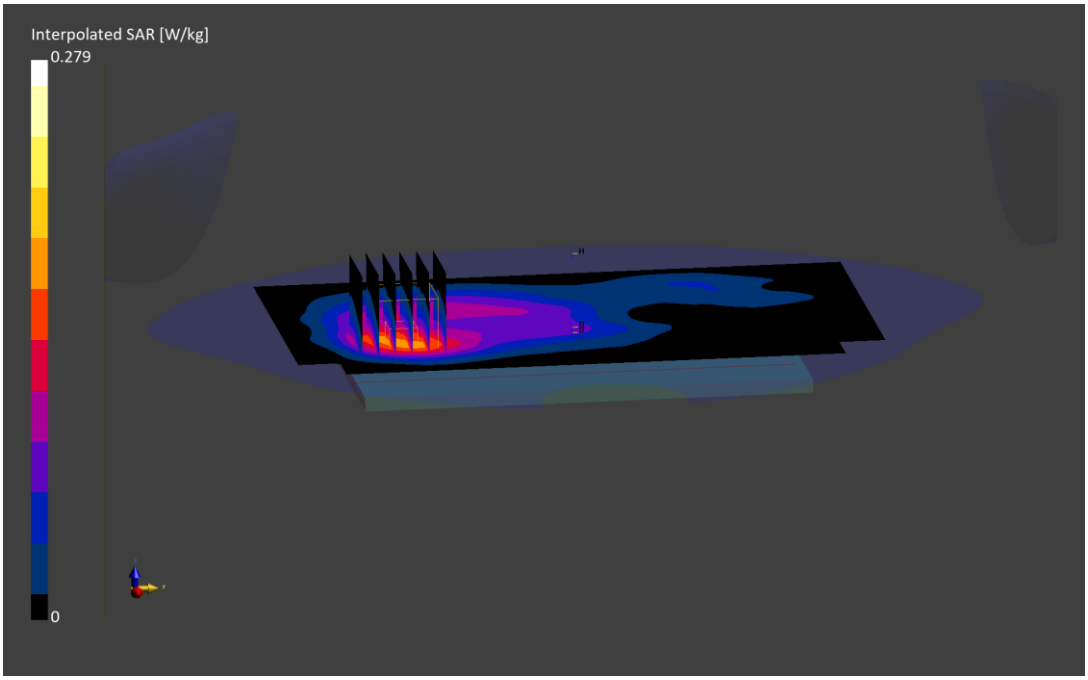
Communication System: UID:10011 - CAB, WCDMA; MAIA: Y; Frequency: 1880.0 MHz
Medium: 1900 Head; Medium parameters used:
f = 1880.0 MHz; cond = 1.42 S/m; perm = 38.7; density = 1000 kg/m3
Phantom Section: Flat; Space: 10.00 mm

Test Date: 10/05/2023; Ambient Temp: 20.0°C; Tissue Temp: 20.8°C

Probe: EX3DV4 - SN7421; ConvF:(7.43,7.43,7.43); Calibrated: 2023-03-16
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn604; Calibrated: 2023-03-15
Phantom: Twin-SAM V8.0; Serial: 2070
Measurement SW: DASY Module SAR V16.2.0.1425

Mode: UMTS 1900, Antenna B, Exp: Body-worn| Back Side, Ch. Mid

Area Scan (120.0 x 210.0): Measurement grid: dx=15.0 mm, dy=15.0 mm
Zoom Scan (30.0 x 30.0 x 30.0): Measurement grid: dx=6.0 mm, dy=6.0 mm, dz=1.5 mm; Graded Ratio: 1.5
Reference Value = 0.15 W/kg; Power Drift = 0.07 dB
Peak SAR (extrapolated) = 0.279 W/kg
SAR(1 g) = 0.153 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 = 81.5 %



ELEMENT

DUT: A3LSMA156U; Type: Portable Handset; Serial: 08187

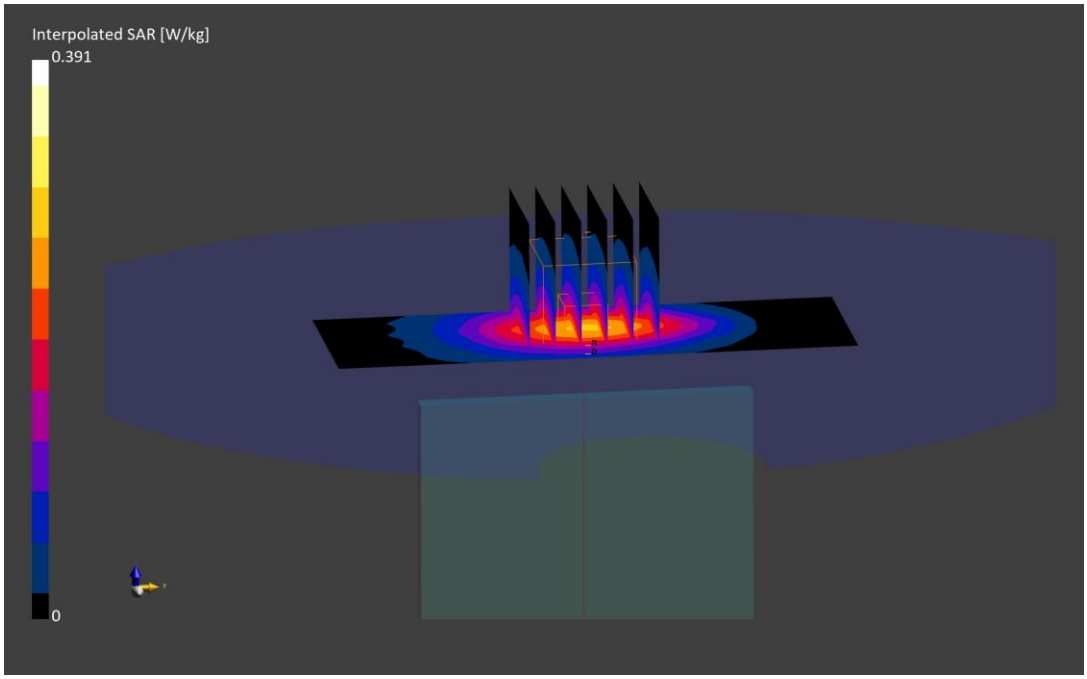
Communication System: UID:10011 - CAB, WCDMA; MAIA: Y; Frequency: 1880.0 MHz
Medium: 1900 Head; Medium parameters used:
f = 1880.0 MHz; cond = 1.42 S/m; perm = 38.7; density = 1000 kg/m3
Phantom Section: Flat; Space: 10.00 mm

Test Date: 10/05/2023; Ambient Temp: 20.0°C; Tissue Temp: 20.8°C

Probe: EX3DV4 - SN7421; ConvF:(7.43,7.43,7.43); Calibrated: 2023-03-16
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn604; Calibrated: 2023-03-15
Phantom: Twin-SAM V8.0; Serial: 2070
Measurement SW: DASY Module SAR V16.2.0.1425

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

Area Scan (40.0 x 120.0): Measurement grid: dx=5.0 mm, dy=15.0 mm
Zoom Scan (30.0 x 30.0 x 30.0): Measurement grid: dx=6.0 mm, dy=6.0 mm, dz=1.5 mm; Graded Ratio: 1.5
Reference Value = 0.24 W/kg; Power Drift = -0.05 dB
Peak SAR (extrapolated) = 0.391 W/kg
SAR(1 g) = 0.224 W/kg;
Smallest distance from peaks to all points 3 dB below is 15.6 mm
Ratio of SAR at M2 to SAR at M1 = 82.5 %



ELEMENT

DUT: A3LSMA156U; Type: Portable Handset; Serial: 08039

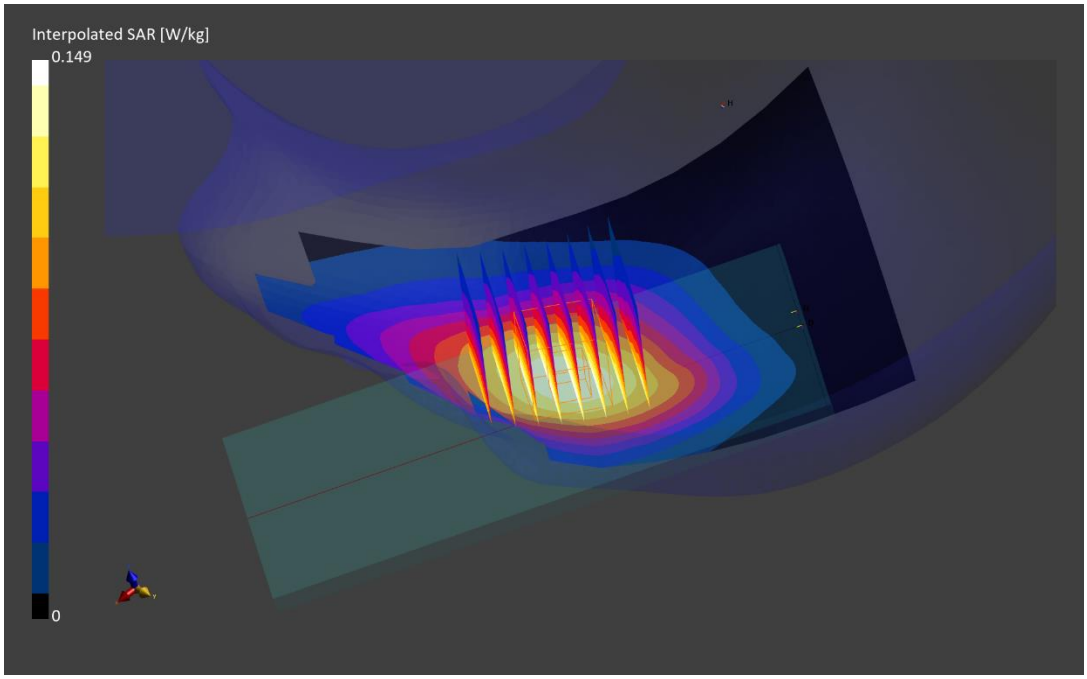
Communication System: UID:10169 - CAE, LTE-FDD; MAIA: Y; Frequency: 680.5 MHz
Medium: 750 Head; Medium parameters used:
f = 680.5 MHz; cond = 0.881 S/m; perm = 40.7; density = 1000 kg/m3
Phantom Section: LeftHead; Space: 0.00 mm

Test Date: 09/12/2023; Ambient Temp: 19.0°C; Tissue Temp: 19.8°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 V5.0; Serial: 1868
Measurement SW: DASY Module SAR V16.2.0.1425

Mode: LTE Band 71, Antenna A, Exp: Head| Left Cheek, Ch. Mid, 20 MHz Bandwidth, QPSK, 1 RB, 99 RB Offset

Area Scan (120.0 x 210.0): Measurement grid: dx=15.0 mm, dy=15.0 mm
Zoom Scan (30.0 x 30.0 x 30.0): Measurement grid: dx=6.0 mm, dy=6.0 mm, dz=1.5 mm; Graded Ratio: 1.5
Reference Value = 0.12 W/kg; Power Drift = -0.08 dB
Peak SAR (extrapolated) = 0.149 W/kg
SAR(1 g) = 0.125 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: A3LSMA156U; Type: Portable Handset; Serial: 08039

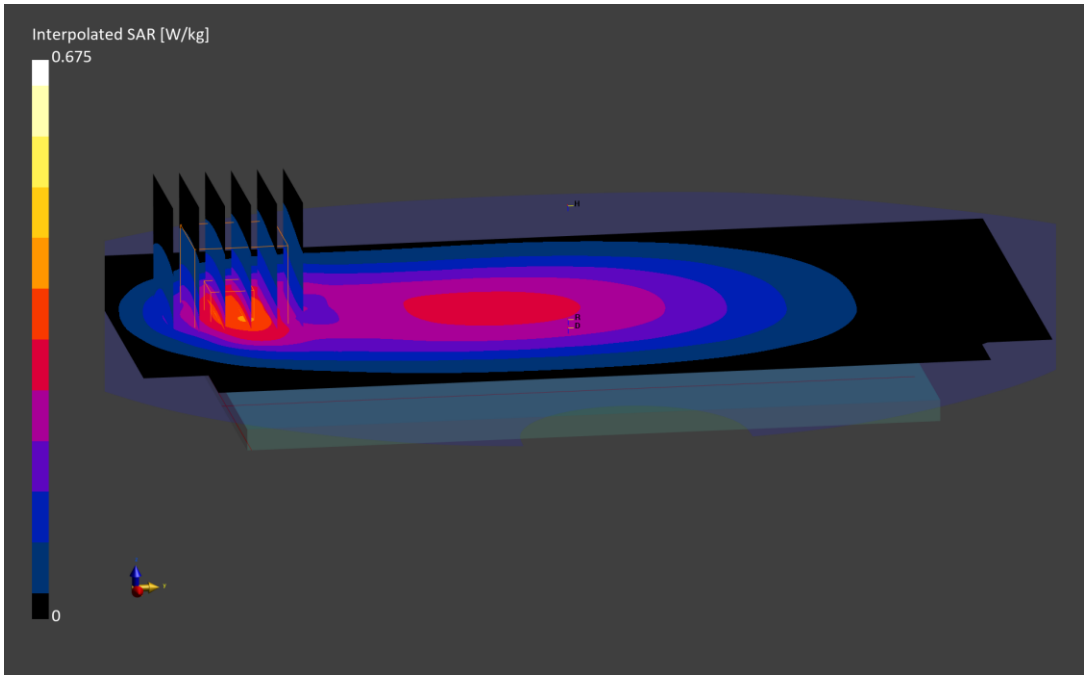
Communication System: UID:10169 - CAE, LTE-FDD; MAIA: Y; Frequency: 680.5 MHz
Medium: 750 Head; Medium parameters used:
f = 680.5 MHz; cond = 0.881 S/m; perm = 40.7; density = 1000 kg/m3
Phantom Section: Flat; Space: 10.00 mm

Test Date: 09/12/2023; Ambient Temp: 19.0°C; Tissue Temp: 19.8°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 V5.0; Serial: 1868
Measurement SW: DASY Module SAR V16.2.0.1425

Mode: LTE Band 71, Antenna A, Exp: Body-worn/Hotspot| Back Side, Ch. Mid, 20 MHz Bandwidth, QPSK, 1 RB, 99 RB Offset

Area Scan (120.0 x 210.0): Measurement grid: dx=15.0 mm, dy=15.0 mm
Zoom Scan (30.0 x 30.0 x 30.0): Measurement grid: dx=6.0 mm, dy=6.0 mm, dz=1.5 mm; Graded Ratio: 1.5
Reference Value = 0.30 W/kg; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 0.675 W/kg
SAR(1 g) = 0.343 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 = 79.1 %



ELEMENT

DUT: A3LSMA156U; Type: Portable Handset; Serial: 08039

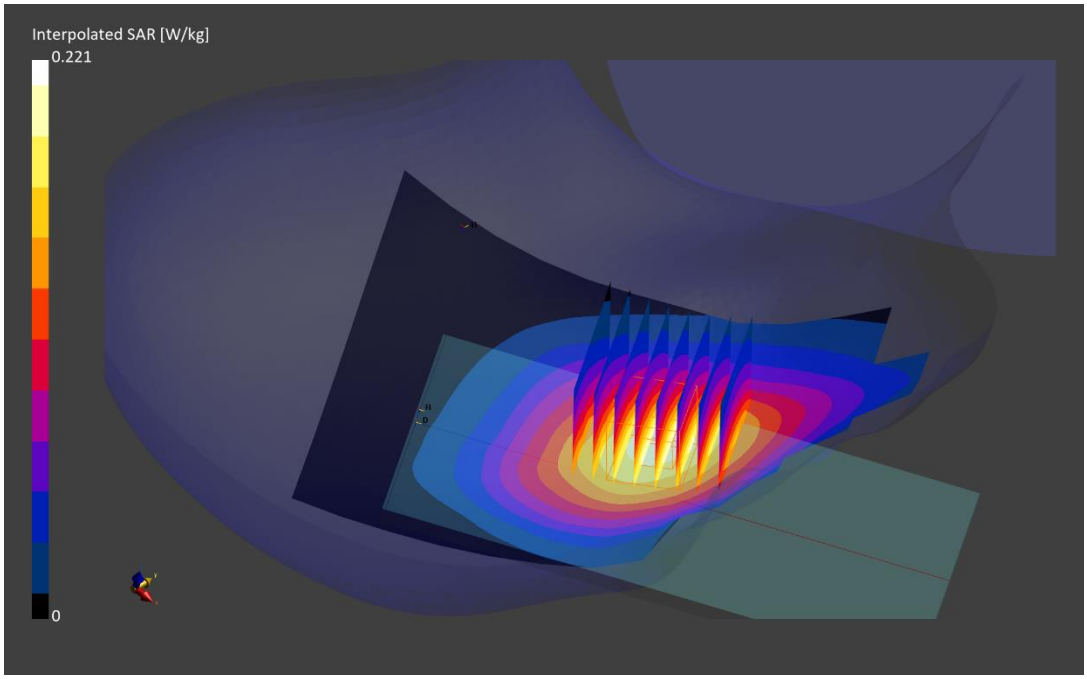
Communication System: UID:10175 - CAG, LTE-FDD; MAIA: Y; Frequency: 707.5 MHz
Medium: 750 Head; Medium parameters used:
f = 707.5 MHz; cond = 0.891 S/m; perm = 40.6; density = 1000 kg/m3
Phantom Section: RightHead; Space: 0.00 mm

Test Date: 09/12/2023; Ambient Temp: 19.0°C; Tissue Temp: 19.8°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 V5.0; Serial: 1868
Measurement SW: DASY Module SAR V16.2.0.1425

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

Area Scan (120.0 x 210.0): Measurement grid: dx=15.0 mm, dy=15.0 mm
Zoom Scan (30.0 x 30.0 x 30.0): Measurement grid: dx=6.0 mm, dy=6.0 mm, dz=1.5 mm; Graded Ratio: 1.5
Reference Value = 0.17 W/kg; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 0.221 W/kg
SAR(1 g) = 0.181 W/kg;
Smallest distance from peaks to all points 3 dB below is 24.9 mm
Ratio of SAR at M2 to SAR at M1 = 94.7 %



ELEMENT

DUT: A3LSMA156U; Type: Portable Handset; Serial: 08039

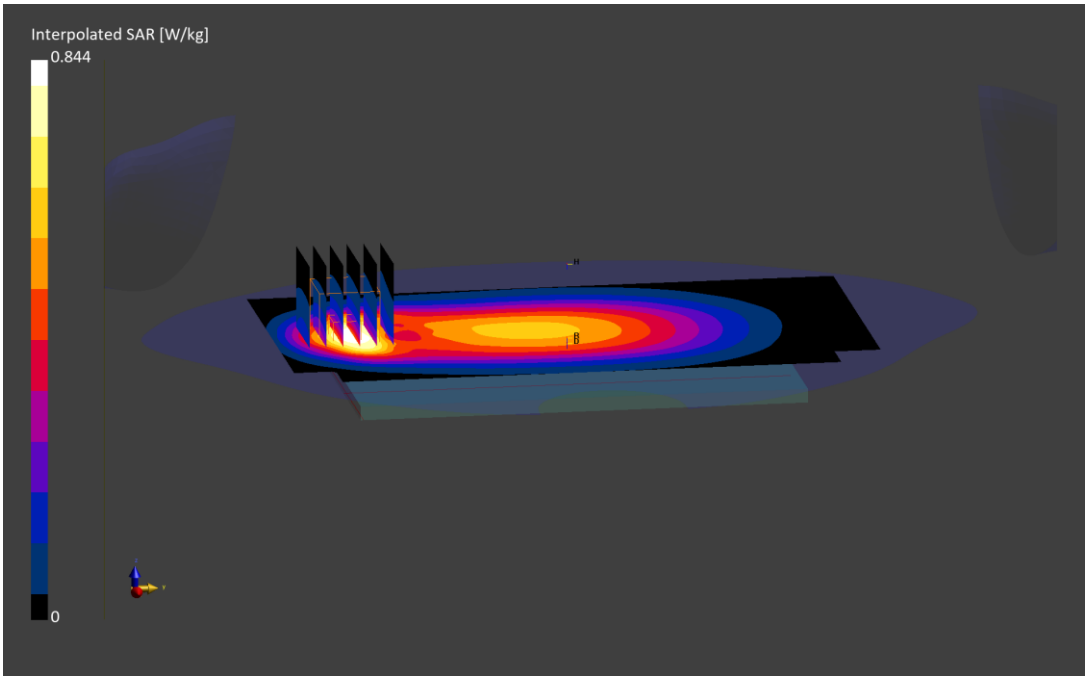
Communication System: UID:10175 - CAG, LTE-FDD; MAIA: Y; Frequency: 707.5 MHz
Medium: 750 Head; Medium parameters used:
f = 707.5 MHz; cond = 0.891 S/m; perm = 40.6; density = 1000 kg/m3
Phantom Section: Flat; Space: 10.00 mm

Test Date: 09/12/2023; Ambient Temp: 19.0°C; Tissue Temp: 19.8°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 V5.0; Serial: 1868
Measurement SW: DASY Module SAR V16.2.0.1425

Mode: LTE Band 12, Antenna A, Exp: Body-worn/Hotspot| Back Side, Ch. Mid, 10 MHz Bandwidth,10 MHz Bandwidth, QPSK, 1 RB, 49 RB Offset

Area Scan (120.0 x 210.0): Measurement grid: dx=15.0 mm, dy=15.0 mm
Zoom Scan (30.0 x 30.0 x 30.0): Measurement grid: dx=6.0 mm, dy=6.0 mm, dz=1.5 mm; Graded Ratio: 1.5
Reference Value = 0.40 W/kg; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 0.844 W/kg
SAR(1 g) = 0.438 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 = 79.9 %



ELEMENT

DUT: A3LSMA156U; Type: Portable Handset; Serial: 07056

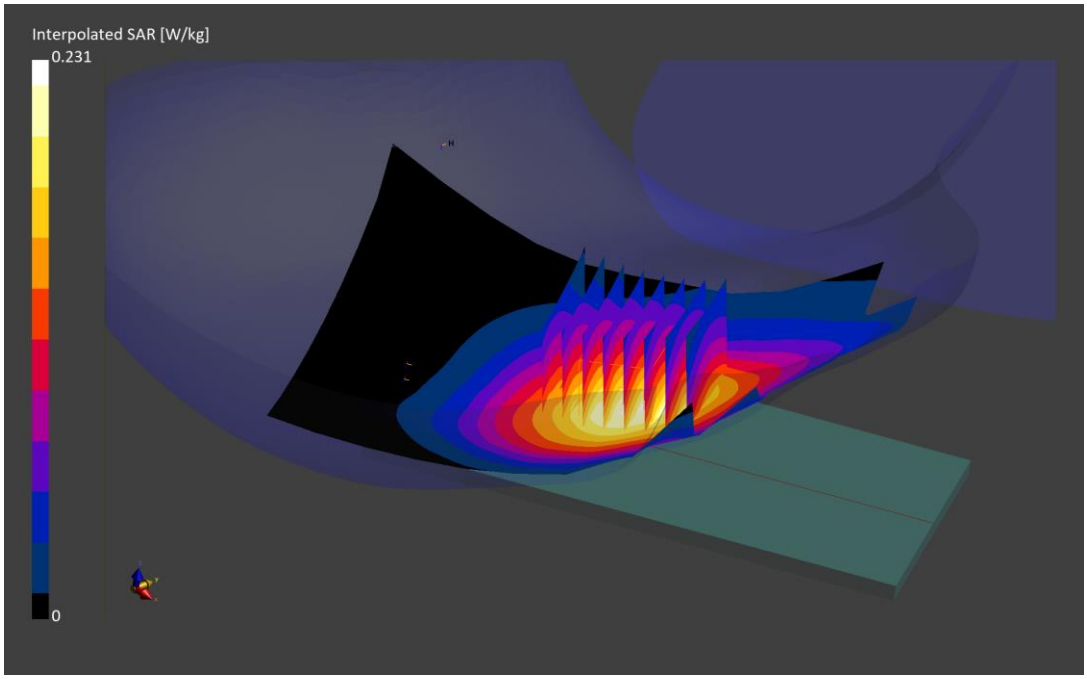
Communication System: UID:10175 - CAG, LTE-FDD; MAIA: Y; Frequency: 782.0 MHz
Medium: 750 Head; Medium parameters used:
f = 782.0 MHz; cond = 0.895 S/m; perm = 43.4; density = 1000 kg/m3
Phantom Section: RightHead; Space: 0.00 mm

Test Date: 09/12/2023; Ambient Temp: 20.2°C; Tissue Temp: 21.5°C

Probe: EX3DV4 - SN7547; ConvF:(9.81,9.81,9.81); Calibrated: 2022-10-19
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1322; Calibrated: 2022-10-17
Phantom: Twin-SAM V8.0; Serial: 1934
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, 49 RB Offset

Area Scan (120.0 x 210.0): Measurement grid: dx=15.0 mm, dy=15.0 mm
Zoom Scan (30.0 x 30.0 x 30.0): Measurement grid: dx=6.0 mm, dy=6.0 mm, dz=1.5 mm; Graded Ratio: 1.5
Reference Value = 0.19 W/kg; Power Drift = -0.02 dB
Peak SAR (extrapolated) = 0.231 W/kg
SAR(1 g) = 0.193 W/kg;
Smallest distance from peaks to all points 3 dB below is 23.7 mm
Ratio of SAR at M2 to SAR at M1 = 95.4 %



ELEMENT

DUT: A3LSMA156U; Type: Portable Handset; Serial: 07296

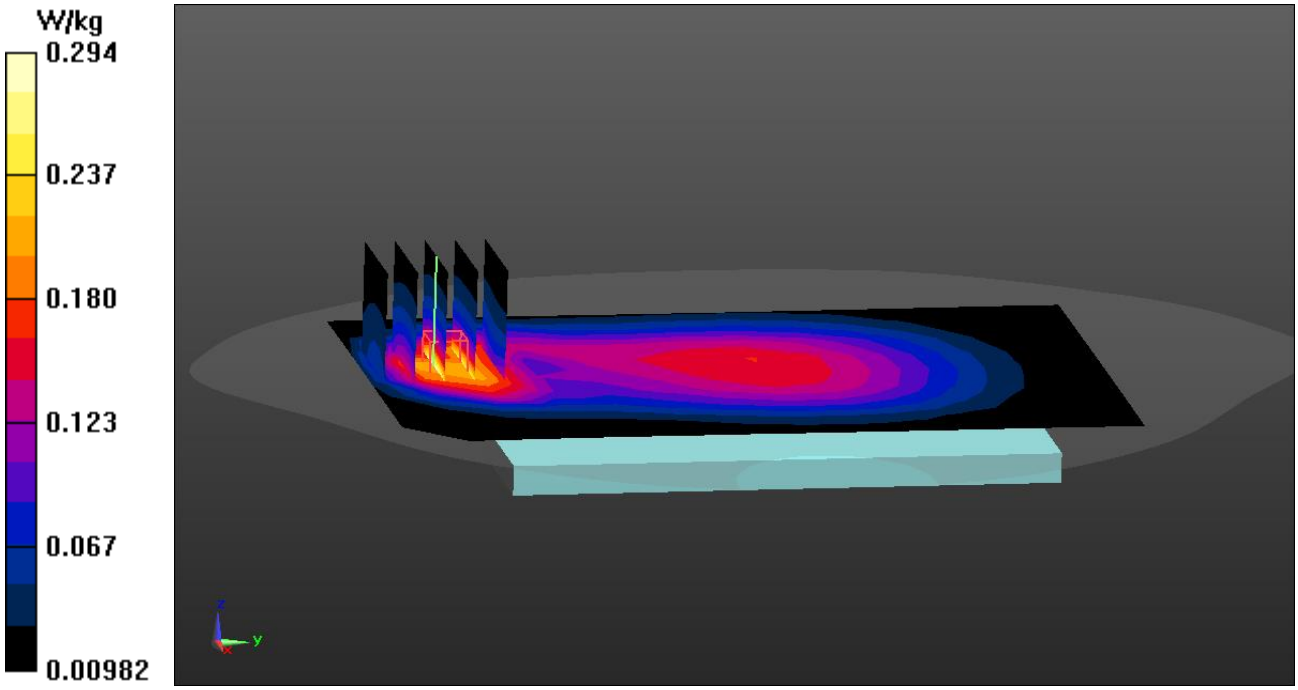
Communication System: UID 0, LTE Band 13; Frequency: 782 MHz; Duty Cycle: 1:1
Medium: 750 Head; Medium parameters used (interpolated):
f = 782 MHz; σ = 0.888 S/m; ε_r = 41.819; ρ = 1000 kg/m^3
Phantom section: Flat Section; Space: 1.0 cm

Test Date: 10/04/2023; Ambient Temp: 21.6°C; Tissue Temp: 21.0°C

Probe: EX3DV4 - SN7402; ConvF(10.21, 10.21, 10.21) @ 782 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: LTE Band 13, Antenna A, Body SAR, Back side, Mid.ch,
10 MHz Bandwidth, QPSK, 1 RB, 49 RB Offset

Area Scan (9x14x1): Measurement grid: dx=15mm, dy=15mm
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 15.64 V/m; Power Drift = 0.00 dB
Peak SAR (extrapolated) = 0.384 W/kg
SAR(1 g) = 0.203 W/kg
Smallest distance from peaks to all points 3 dB below = 11.2 mm
Ratio of SAR at M2 to SAR at M1 = 56%



ELEMENT

DUT: A3LSMA156U; Type: Portable Handset; Serial: 07056

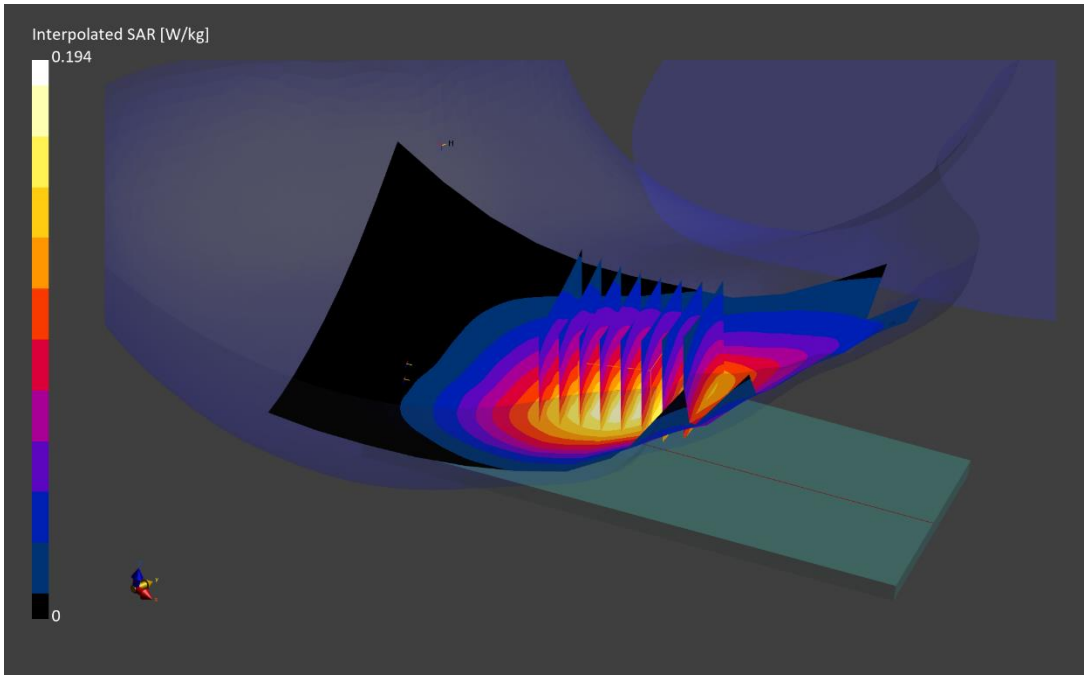
Communication System: UID:10175 - CAG, LTE-FDD; MAIA: Y; Frequency: 793.0 MHz
Medium: 750 Head; Medium parameters used:
f = 793.0 MHz; cond = 0.933 S/m; perm = 40.8; density = 1000 kg/m3
Phantom Section: RightHead; Space: 0.00 mm

Test Date: 09/20/2023; Ambient Temp: 19.8°C; Tissue Temp: 20.1°C

Probe: EX3DV4 - SN7547; ConvF:(9.81,9.81,9.81); Calibrated: 2022-10-19
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1322; Calibrated: 2022-10-17
Phantom: Twin-SAM V8.0; Serial: 1934
Measurement SW: DASY Module SAR V16.2.0.1425

Mode: LTE Band 14, Antenna A, 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 = -0.01 dB
Peak SAR (extrapolated) = 0.194 W/kg
SAR(1 g) = 0.159 W/kg;
Smallest distance from peaks to all points 3 dB below is 24.8 mm
Ratio of SAR at M2 to SAR at M1 = 93.4 %



ELEMENT

DUT: A3LSMA156U; Type: Portable Handset; Serial: 07296

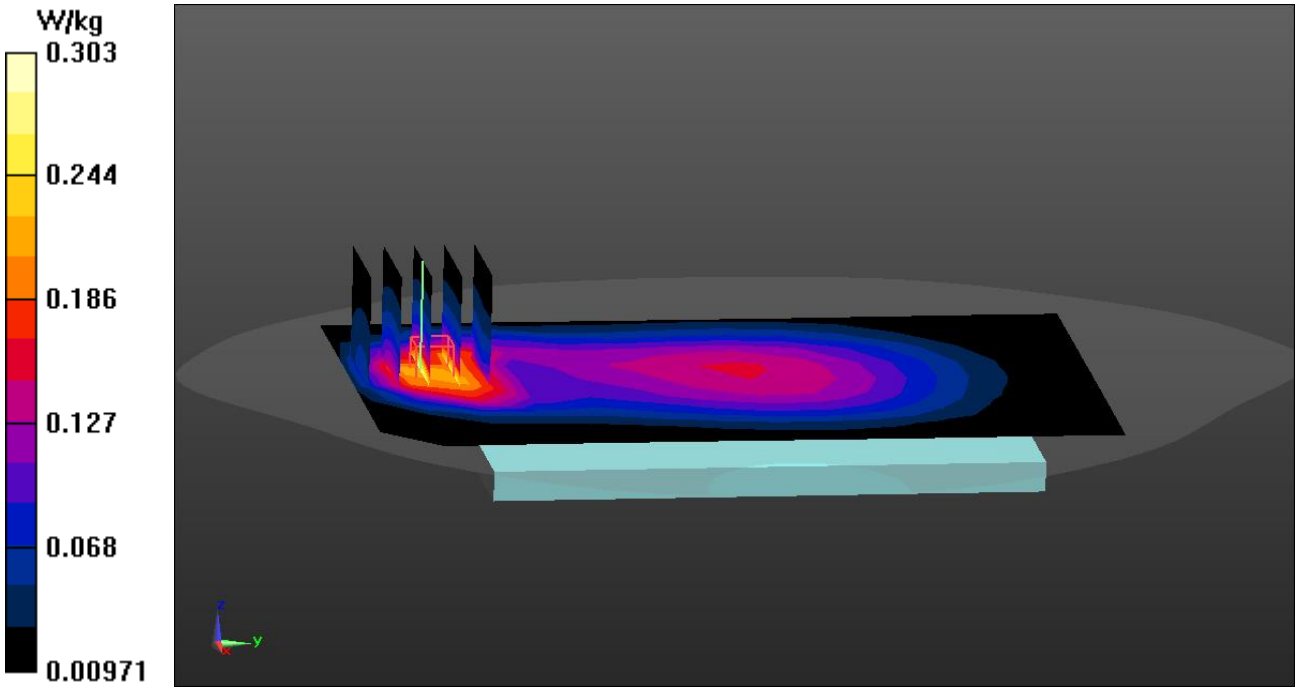
Communication System: UID 0, LTE Band 14; Frequency: 793 MHz; Duty Cycle: 1:1
Medium: 750 Head; Medium parameters used (interpolated):
f = 793 MHz; σ = 0.892 S/m; ε_r = 41.793; ρ = 1000 kg/m^3
Phantom section: Flat Section; Space: 1.0 cm

Test Date: 10/04/2023; Ambient Temp: 21.6°C; Tissue Temp: 21.0°C

Probe: EX3DV4 - SN7402; ConvF(10.21, 10.21, 10.21) @ 793 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: LTE Band 14, Antenna A, Body SAR, Back side, Mid.ch, 10 MHz Bandwidth, QPSK, 25 RB, 0 RB Offset

Area Scan (9x14x1): Measurement grid: dx=15mm, dy=15mm
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 15.81 V/m; Power Drift = 0.00 dB
Peak SAR (extrapolated) = 0.396 W/kg
SAR(1 g) = 0.208 W/kg
Smallest distance from peaks to all points 3 dB below = 9.6 mm
Ratio of SAR at M2 to SAR at M1 = 55.9%



ELEMENT

DUT: A3LSMA156U; Type: Portable Handset; Serial: 07056

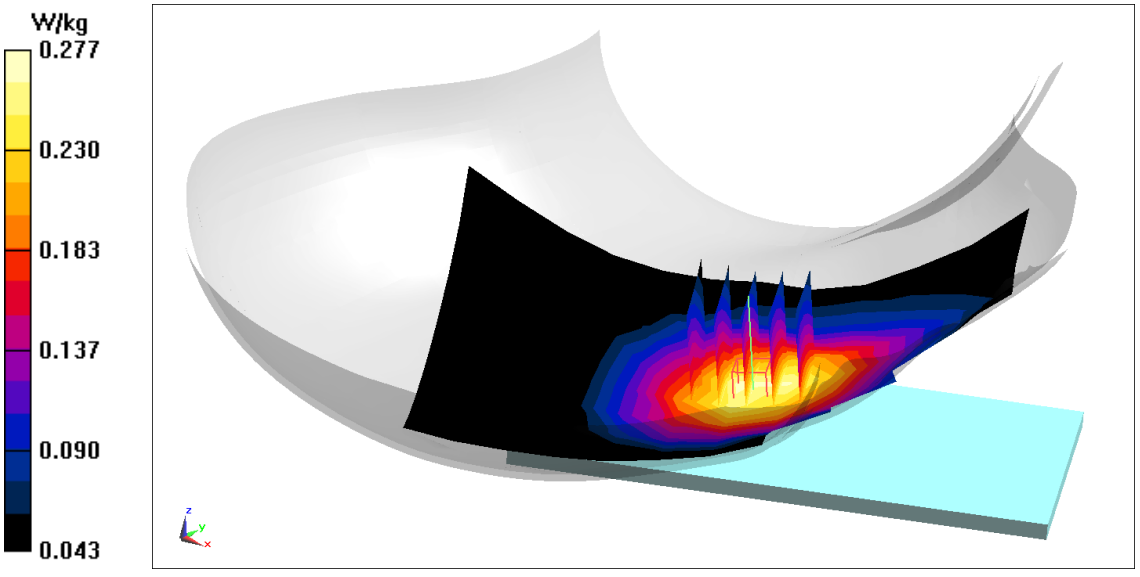
Communication System: UID 0, LTE Band 26; Frequency: 831.5 MHz; Duty Cycle: 1:1
Medium: 835 Head; Medium parameters used (interpolated):
$f = 831.5$ MHz; $\sigma = 0.871$ S/m; $\varepsilon_r = 43.179$; $\rho = 1000$ kg/m^3
Phantom section: Right Section

Test Date: 09/13/2023; Ambient Temp: 22.4°C; Tissue Temp: 22.5°C

Probe: EX3DV4 - SN7402; ConvF(9.84, 9.84, 9.84) @ 831.5 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: LTE Band 26 (Cell.), Antenna A, Right Head, Cheek, Mid.ch,
15 MHz Bandwidth, QPSK, 1 RB, 36 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 = 17.56 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 0.296 W/kg
SAR(1 g) = 0.237 W/kg
Smallest distance from peaks to all points 3 dB below: Larger than measurement grid (> 16 mm)
Ratio of SAR at M2 to SAR at M1 = 81.6%



ELEMENT

DUT: A3LSMA156U; Type: Portable Handset; Serial: 08039

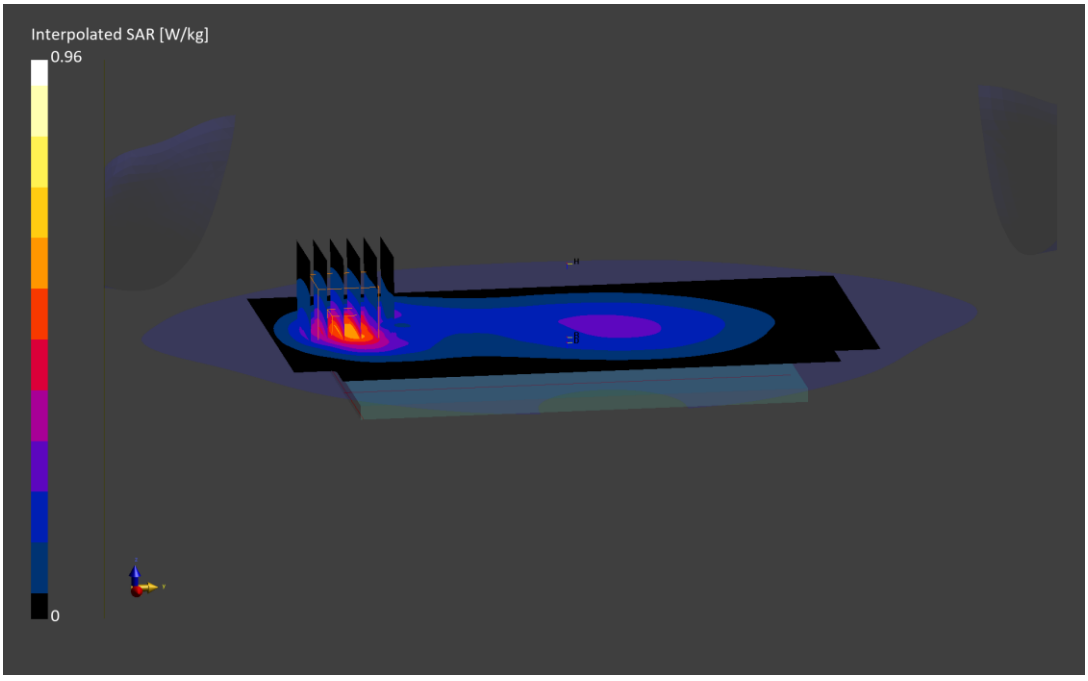
Communication System: UID:10181 - CAE, LTE-FDD; MAIA: Y; Frequency: 831.5 MHz
Medium: 835 Head; Medium parameters used:
f = 831.5 MHz; cond = 0.924 S/m; perm = 40.9; density = 1000 kg/m3
Phantom Section: Flat; Space: 10.00 mm

Test Date: 10/04/2023; Ambient Temp: 23.1°C; Tissue Temp: 23.5°C

Probe: EX3DV4 - SN7565; ConvF:(9.16,9.16,9.16); 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 26, Antenna A, Exp: Body-worn/Hotspot| Back Side, Ch. Mid, 15 MHz Bandwidth, QPSK, 1 RB, 74 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 = 0.45 W/kg; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 0.960 W/kg
SAR(1 g) = 0.520 W/kg;
Smallest distance from peaks to all points 3 dB below is 10.8 mm
Ratio of SAR at M2 to SAR at M1 = 82.0 %



ELEMENT

DUT: A3LSMA156U; Type: Portable Handset; Serial: 07056

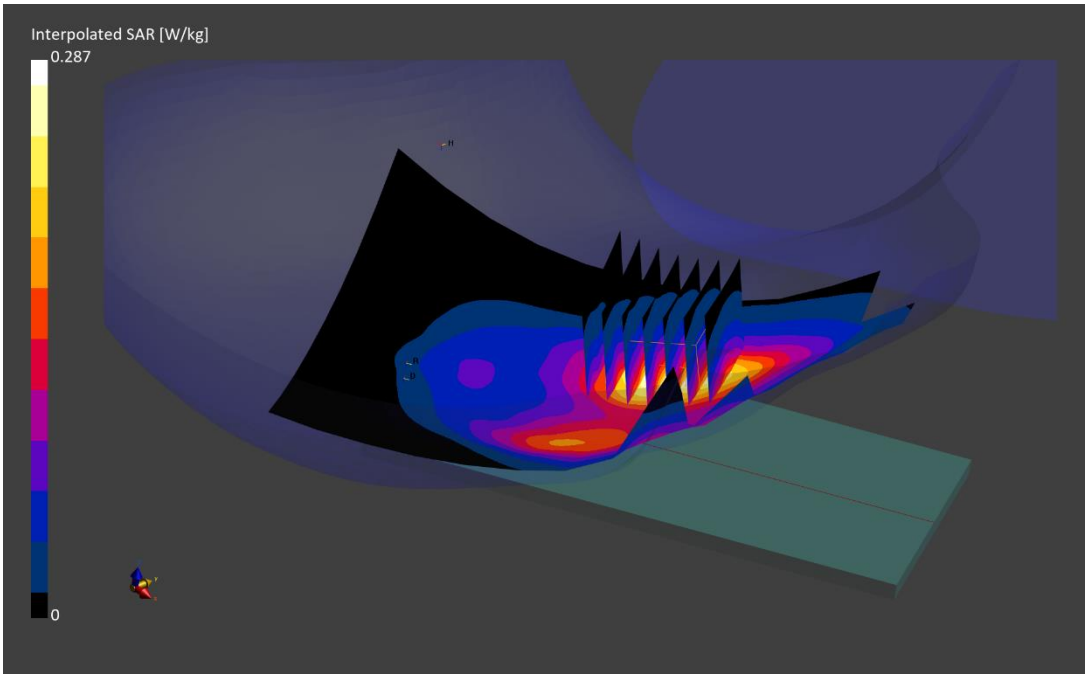
Communication System: UID:10169 - CAE, LTE-FDD; MAIA: Y; Frequency: 1720.0 MHz
Medium: 1750 Head; Medium parameters used:
f = 1720.0 MHz; cond = 1.39 S/m; perm = 39.4; density = 1000 kg/m3
Phantom Section: RightHead; Space: 0.00 mm

Test Date: 10/04/2023; Ambient Temp: 20.2°C; Tissue Temp: 20.2°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 B, Exp: Head| Right Cheek, 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 (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 = 0.17 W/kg; Power Drift = 0.05 dB
Peak SAR (extrapolated) = 0.287 W/kg
SAR(1 g) = 0.190 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 = 89.9 %



ELEMENT

DUT: A3LSMA156U; Type: Portable Handset; Serial: 08039

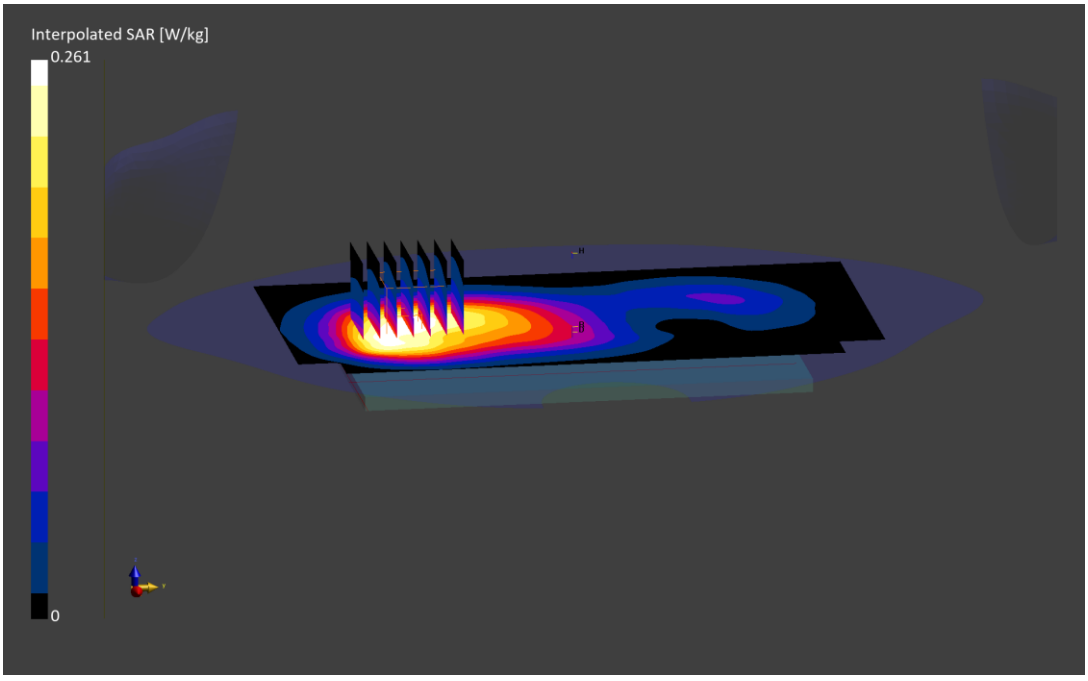
Communication System: UID:10297 - AAD, LTE-FDD; MAIA: Y; Frequency: 1720.0 MHz
Medium: 1750 Head; Medium parameters used:
f = 1720.0 MHz; cond = 1.38 S/m; perm = 39.0; density = 1000 kg/m3
Phantom Section: Flat; Space: 10.00 mm

Test Date: 10/02/2023; Ambient Temp: 21.9°C; Tissue Temp: 21.5°C

Probe: EX3DV4 - SN7640; ConvF:(9.23,9.23,9.23); Calibrated: 2023-02-10
Sensor-Surface: 1.4mm (All points)
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 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 = 0.14 W/kg; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 0.261 W/kg
SAR(1 g) = 0.158 W/kg;
Smallest distance from peaks to all points 3 dB below is > 15.0 mm
Ratio of SAR at M2 to SAR at M1 = 83.2 %



ELEMENT

DUT: A3LSMA156U; Type: Portable Handset; Serial: 08039

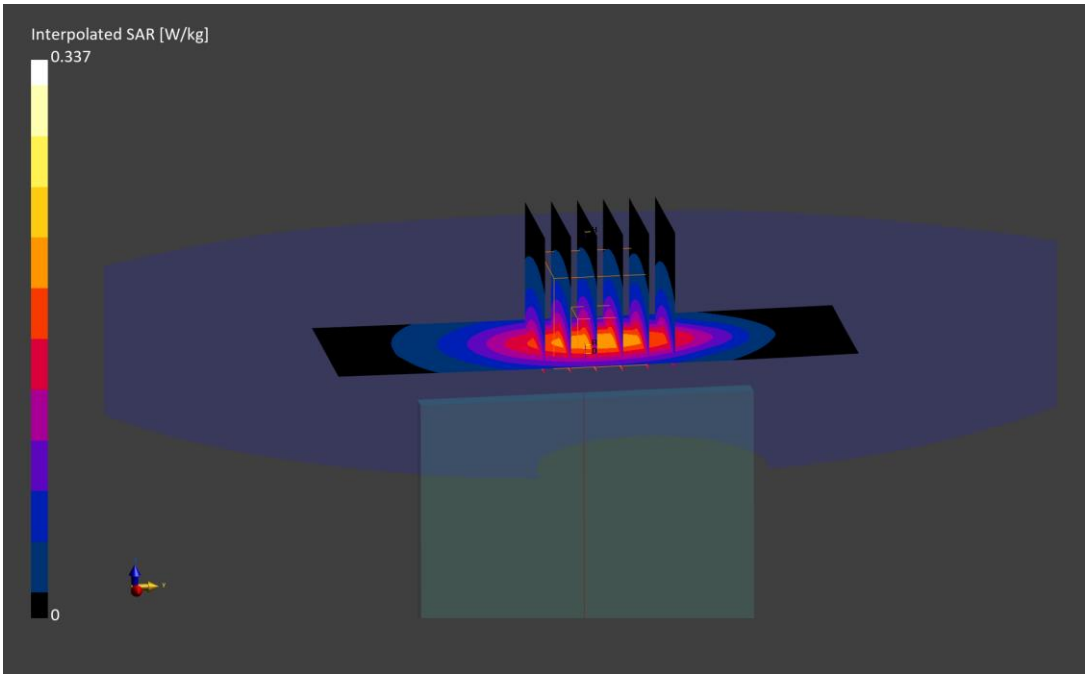
Communication System: UID:10297 - AAD, LTE-FDD; MAIA: Y; Frequency: 1720.0 MHz
Medium: 1750 Head; Medium parameters used:
f = 1720.0 MHz; cond = 1.38 S/m; perm = 39.0; density = 1000 kg/m3
Phantom Section: Flat; Space: 10.00 mm

Test Date: 10/02/2023; Ambient Temp: 21.9°C; Tissue Temp: 21.5°C

Probe: EX3DV4 - SN7640; ConvF:(9.23,9.23,9.23); Calibrated: 2023-02-10
Sensor-Surface: 1.4mm (All points)
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 B, Exp: Hotspot| Bottom Edge, Ch. Low, 20 MHz Bandwidth, 20 MHz Bandwidth, QPSK, 50 RB, 25 RB Offset

Area Scan (40.0 x 120.0): Measurement grid: dx=5.0 mm, dy=15.0 mm
Zoom Scan (30.0 x 30.0 x 30.0): Measurement grid: dx=6.0 mm, dy=6.0 mm, dz=1.5 mm; Graded Ratio: 1.5
Reference Value = 0.15 W/kg; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 0.337 W/kg
SAR(1 g) = 0.188 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 = 81.1 %



ELEMENT

DUT: A3LSMA156U; Type: Portable Handset; Serial: 07056

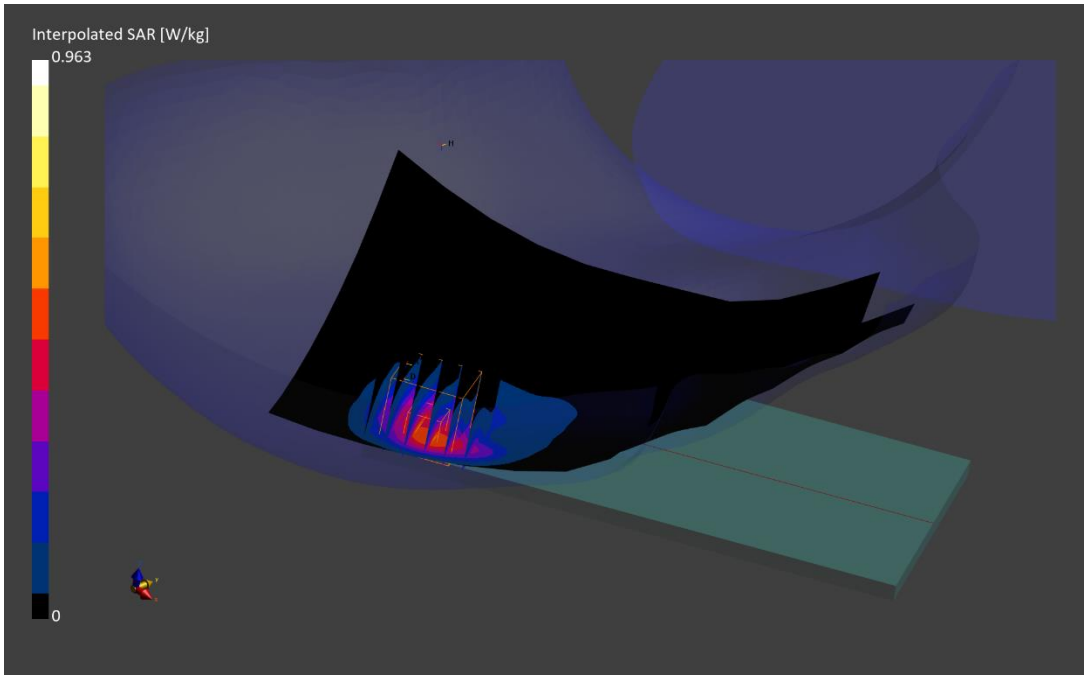
Communication System: UID:10169 - CAE, LTE-FDD; MAIA: Y; Frequency: 1905.0 MHz
Medium: 1900 Head; Medium parameters used:
f = 1905.0 MHz; cond = 1.43 S/m; perm = 38.3; density = 1000 kg/m3
Phantom Section: RightHead; Space: 0.00 mm

Test Date: 10/25/2023; Ambient Temp: 20.1°C; Tissue Temp: 19.6°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 C, Exp: Head| Right Cheek, Ch. High, 20 MHz Bandwidth, QPSK, 1 RB, 99 RB Offset

Area Scan (120.0 x 210.0): Measurement grid: dx=15.0 mm, dy=15.0 mm
Zoom Scan (30.0 x 30.0 x 30.0): Measurement grid: dx=6.0 mm, dy=6.0 mm, dz=1.5 mm; Graded Ratio: 1.5
Reference Value = 0.40 W/kg; Power Drift = -0.02 dB
Peak SAR (extrapolated) = 0.963 W/kg
SAR(1 g) = 0.496 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 = 82.1 %



ELEMENT

DUT: A3LSMA156U; Type: Portable Handset; Serial: 07080

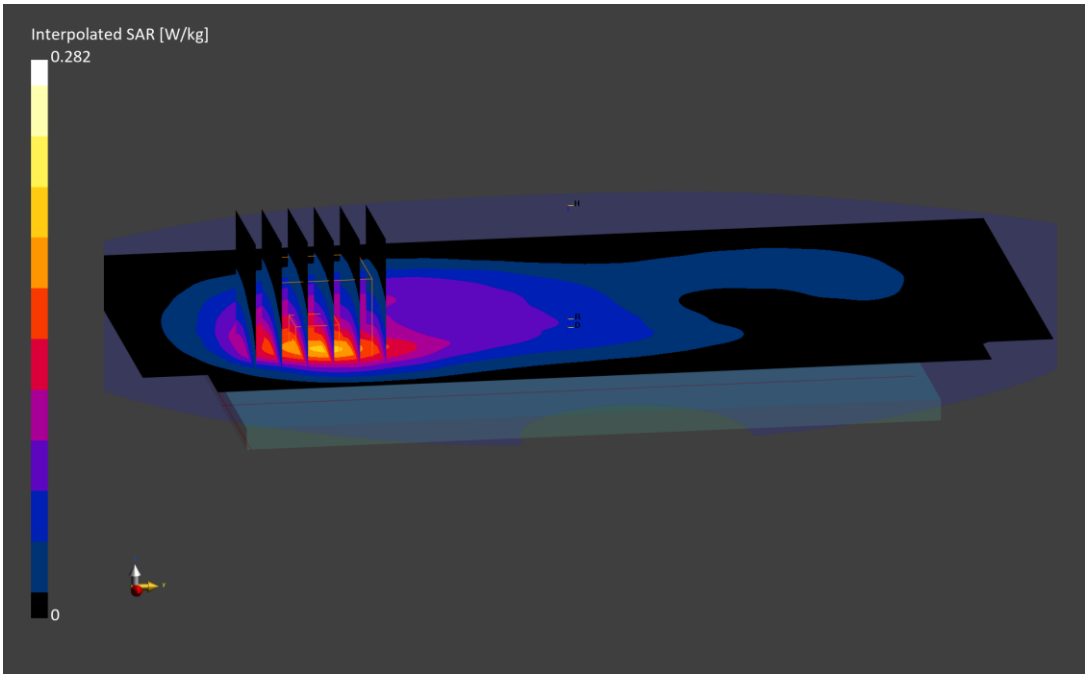
Communication System: UID:10169 - CAE, LTE-FDD; MAIA: Y; Frequency: 1882.5 MHz
Medium: 1900 Head; Medium parameters used:
f = 1882.5 MHz; cond = 1.37 S/m; perm = 39.2; density = 1000 kg/m3
Phantom Section: Flat; Space: 10.00 mm

Test Date: 10/11/2023; Ambient Temp: 21.1°C; Tissue Temp: 22.2°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: LTE Band 25, Antenna C, Exp: Body-worn | Back Side, Ch. Mid, 20 MHz Bandwidth, QPSK, 1 RB, 50 RB Offset

Area Scan (120.0 x 210.0): Measurement grid: dx=15.0 mm, dy=15.0 mm
Zoom Scan (30.0 x 30.0 x 30.0): Measurement grid: dx=6.0 mm, dy=6.0 mm, dz=1.5 mm; Graded Ratio: 1.5
Reference Value = 0.16 W/kg; Power Drift = -0.02 dB
Peak SAR (extrapolated) = 0.282 W/kg
SAR(1 g) = 0.156 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 = 81.7 %



ELEMENT

DUT: A3LSMA156U; Type: Portable Handset; Serial: 07973

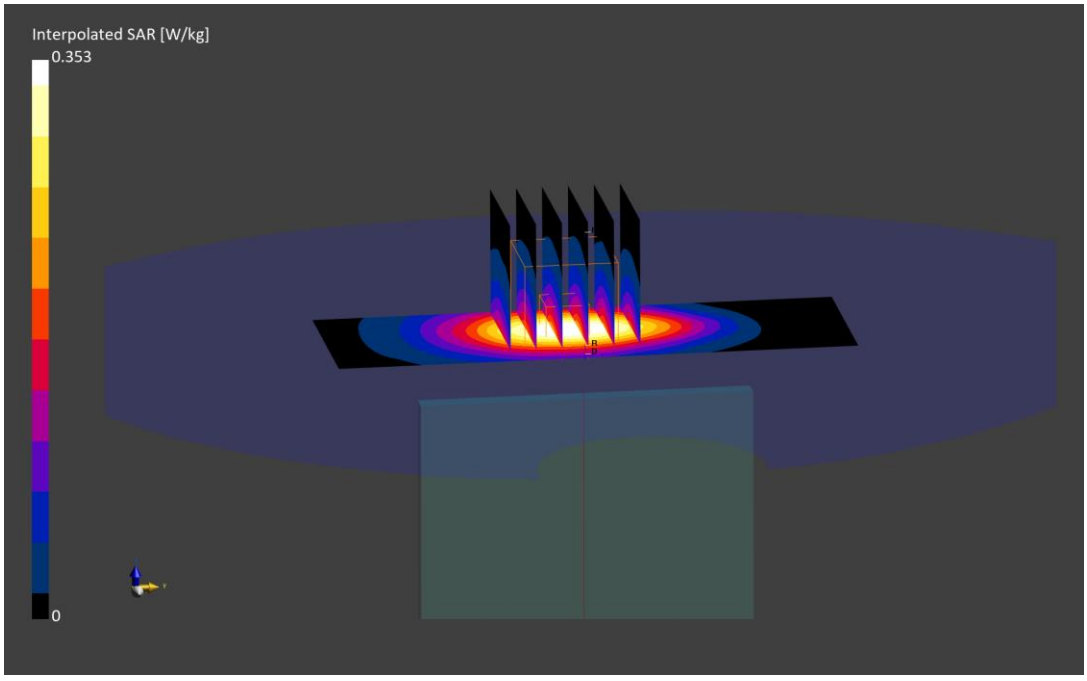
Communication System: UID:10169 - CAE, LTE-FDD; MAIA: Y; Frequency: 1882.5 MHz
Medium: 1900 Head; Medium parameters used:
f = 1882.5 MHz; cond = 1.40 S/m; perm = 38.6; density = 1000 kg/m3
Phantom Section: Flat; Space: 10.00 mm

Test Date: 10/02/2023; Ambient Temp: 20.0°C; Tissue Temp: 21.8°C

Probe: EX3DV4 - SN7421; ConvF:(7.43,7.43,7.43); Calibrated: 2023-03-16
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn604; Calibrated: 2023-03-15
Phantom: Twin-SAM V8.0; Serial: 2070
Measurement SW: DASY Module SAR V16.2.0.1425

Mode: LTE Band 25, 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=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 = -0.05 dB
Peak SAR (extrapolated) = 0.353 W/kg
SAR(1 g) = 0.201 W/kg;
Smallest distance from peaks to all points 3 dB below is 14.6 mm
Ratio of SAR at M2 to SAR at M1 = 82.5 %



ELEMENT

DUT: A3LSMA156U; Type: Portable Handset; Serial: 07122

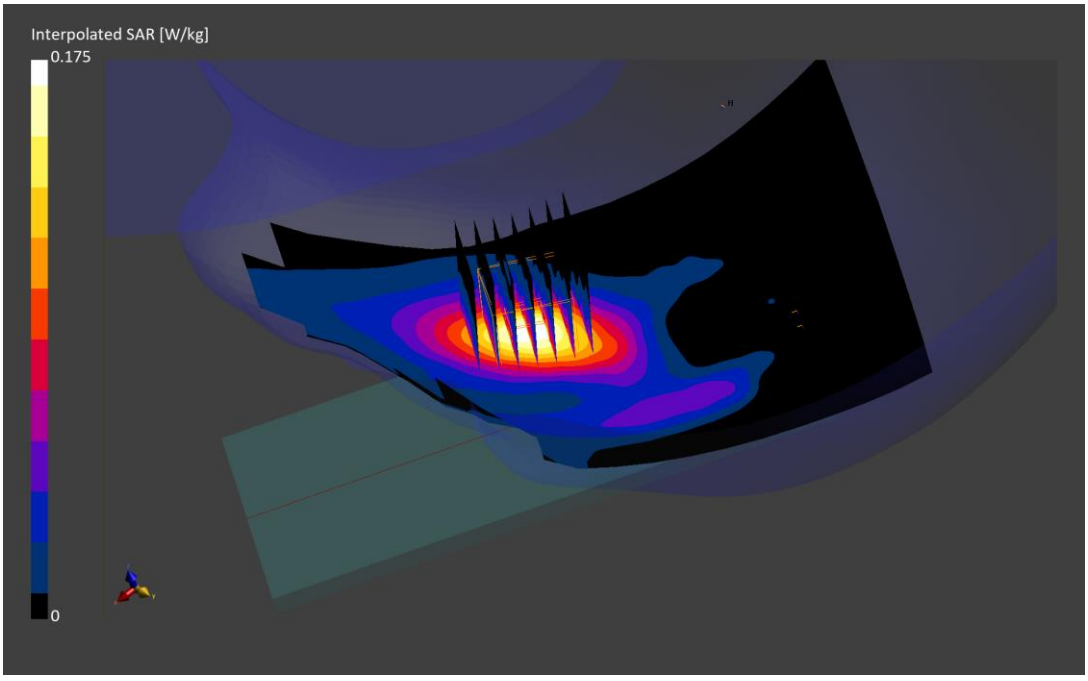
Communication System: UID:10175 - CAG, LTE-FDD; MAIA: Y; Frequency: 2310.0 MHz
Medium: 2450 Head; Medium parameters used:
f = 2310.0 MHz; cond = 1.76 S/m; perm = 38.5; density = 1000 kg/m3
Phantom Section: LeftHead; Space: 0.00 mm

Test Date: 10/28/2023; Ambient Temp: 23.3°C; Tissue Temp: 23.3°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: Head| Left Cheek, Ch. Mid, 10 MHz Bandwidth, QPSK, 1 RB, 25 RB Offset

Area Scan (120.0 x 200.0): Measurement grid: dx=10.0 mm, dy=10.0 mm
Zoom Scan (30.0 x 30.0 x 30.0): Measurement grid: dx=5.0 mm, dy=5.0 mm, dz=1.5 mm; Graded Ratio: 1.5
Reference Value = 0.12 W/kg; Power Drift = -0.14 dB
Peak SAR (extrapolated) = 0.175 W/kg
SAR(1 g) = 0.101 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 = 87.2 %



ELEMENT

DUT: A3LSMA156U; Type: Portable Handset; Serial: 08187

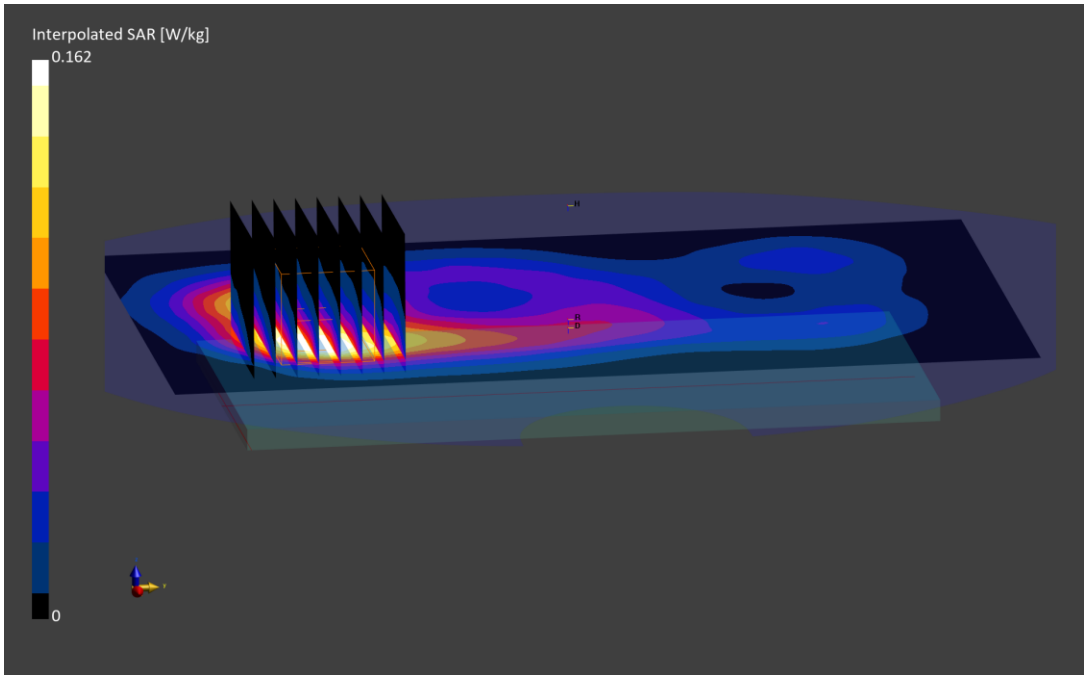
Communication System: UID:10175 - CAG, LTE-FDD; MAIA: Y; Frequency: 2310.0 MHz
Medium: 2450 Head; Medium parameters used:
f = 2310.0 MHz; cond = 1.69 S/m; perm = 41.1; density = 1000 kg/m3
Phantom Section: Flat; Space: 10.00 mm

Test Date: 10/04/2023; Ambient Temp: 22.9°C; Tissue Temp: 23.0°C

Probe: EX3DV4 - SN7427; ConvF:(7.57,7.57,7.57); Calibrated: 2023-02-13
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1403; Calibrated: 2023-02-15
Phantom: Twin-SAM V8.0; Serial: 2027
Measurement SW: DASY Module SAR V16.2.0.1425

Mode: LTE Band 30, Antenna B, Exp: Body-worn/Hotspot| Back Side, Ch. Mid, 10 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 = 0.08 W/kg; Power Drift = -0.05 dB
Peak SAR (extrapolated) = 0.162 W/kg
SAR(1 g) = 0.081 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 = 78.6 %



ELEMENT

DUT: A3LSMA156U; Type: Portable Handset; Serial: 07122

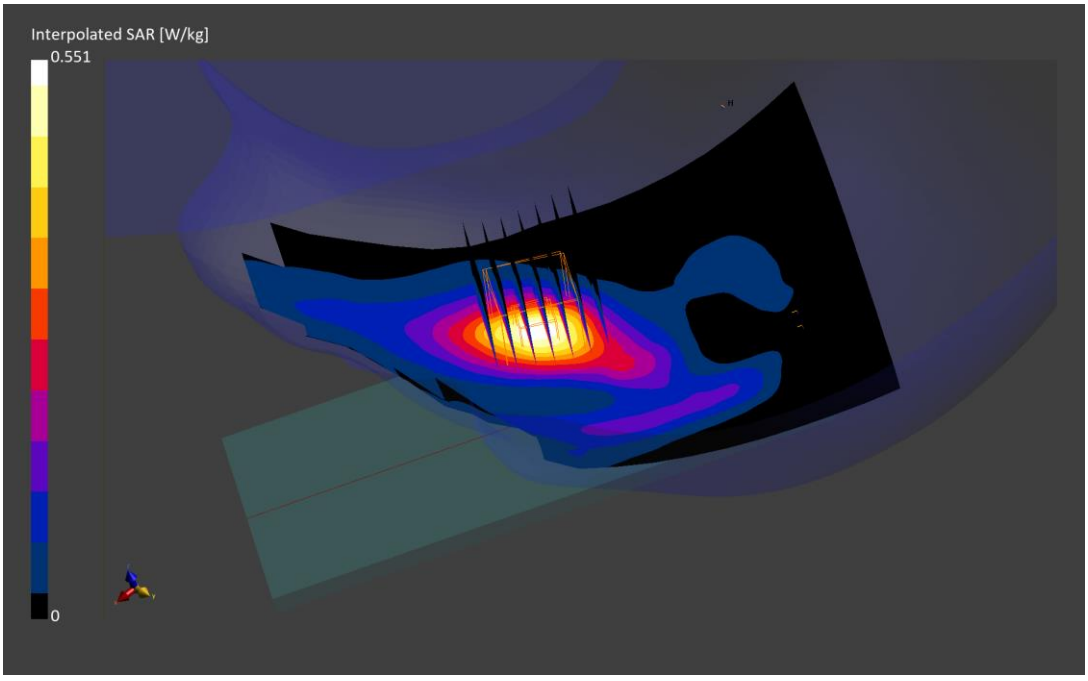
Communication System: UID:10169 - CAE, LTE-FDD; MAIA: Y; Frequency: 2510.0 MHz
Medium: 2450 Head; Medium parameters used:
f = 2510.0 MHz; cond = 1.91 S/m; perm = 38.1; density = 1000 kg/m3
Phantom Section: LeftHead; Space: 0.00 mm

Test Date: 10/28/2023; Ambient Temp: 23.3°C; Tissue Temp: 23.3°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: LTE Band 7, Antenna B, Exp: Head| Left Cheek, Ch. Low, 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 = 0.35 W/kg; Power Drift = 0.00 dB
Peak SAR (extrapolated) = 0.551 W/kg
SAR(1 g) = 0.320 W/kg;
Smallest distance from peaks to all points 3 dB below is 11.3 mm
Ratio of SAR at M2 to SAR at M1 = 86.3 %



ELEMENT

DUT: A3LSMA156U; Type: Portable Handset; Serial: 08187

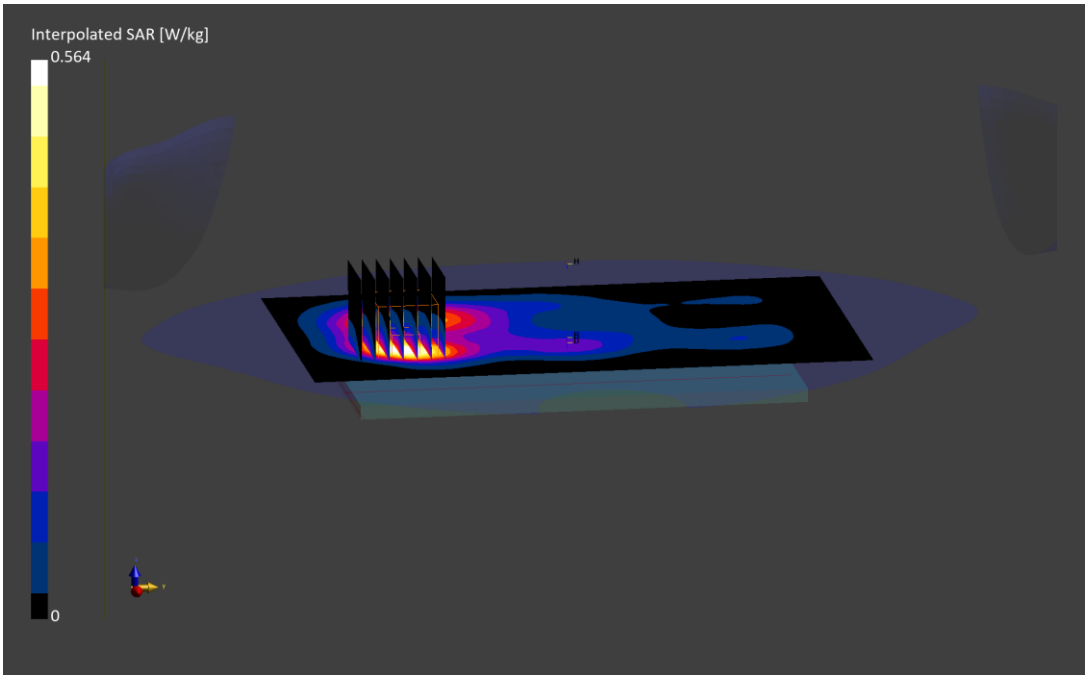
Communication System: UID:10297 - AAD, LTE-FDD; MAIA: Y; Frequency: 2510.0 MHz
Medium: 2450 Head; Medium parameters used:
f = 2510.0 MHz; cond = 1.93 S/m; perm = 40.3; density = 1000 kg/m3
Phantom Section: Flat; Space: 10.00 mm

Test Date: 10/04/2023; Ambient Temp: 22.9°C; Tissue Temp: 23.0°C

Probe: EX3DV4 - SN7427; ConvF:(7.42,7.42,7.42); Calibrated: 2023-02-13
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1403; Calibrated: 2023-02-15
Phantom: Twin-SAM V8.0; Serial: 2027
Measurement SW: DASY Module SAR V16.2.0.1425

Mode: LTE Band 7, Antenna B, Exp: Body-worn/Hotspot| 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 = 0.25 W/kg; Power Drift = 0.00 dB
Peak SAR (extrapolated) = 0.562 W/kg
SAR(1 g) = 0.268 W/kg;
Smallest distance from peaks to all points 3 dB below is 10.7 mm
Ratio of SAR at M2 to SAR at M1 = 78.4 %



ELEMENT

DUT: A3LSMA156U; Type: Portable Handset; Serial: 08039

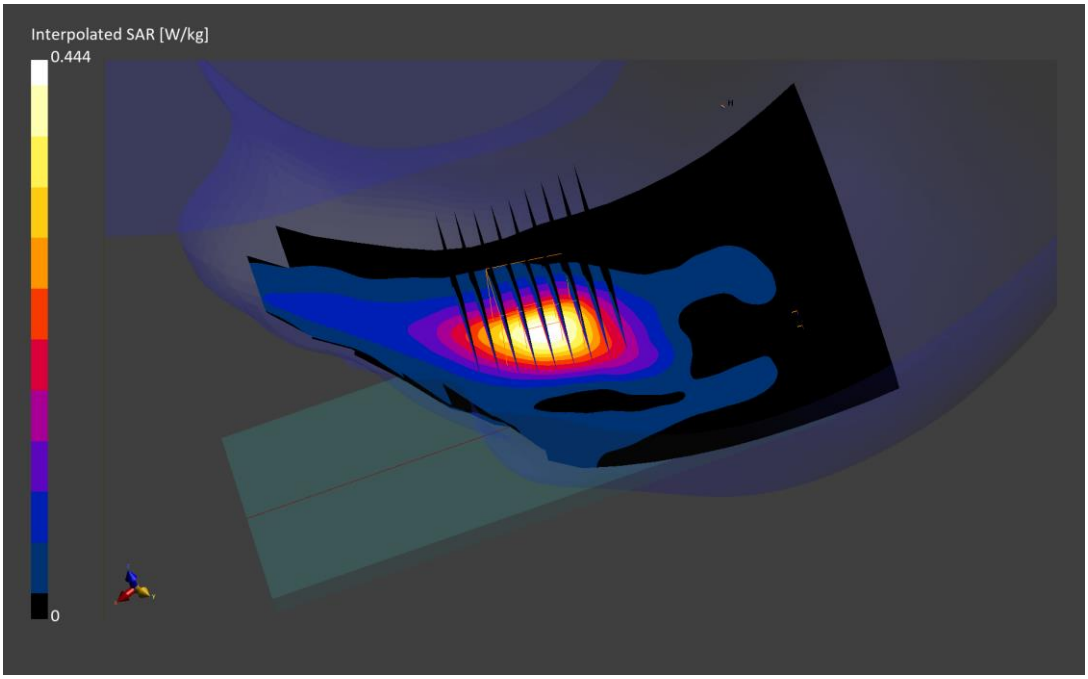
Communication System: UID:10435 - AAF, LTE-TDD; MAIA: Y; Frequency: 2680.0 MHz
Medium: 2450 Head; Medium parameters used:
f = 2680.0 MHz; cond = 1.98 S/m; perm = 37.1; density = 1000 kg/m3
Phantom Section: LeftHead; Space: 0.00 mm

Test Date: 10/20/2023; Ambient Temp: 20.2°C; Tissue Temp: 20.8°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 41, ULCA 41C, Antenna B, Exp: Head| Left Cheek, PCC: Ch. 41490, 20 MHz Bandwidth, QPSK, 1RB 0RB Offset SCC: Ch. 41292, 20 MHz Bandwidth, QPSK, 1RB 99RB 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 = 0.21 W/kg; Power Drift = 0.05 dB
Peak SAR (extrapolated) = 0.444 W/kg
SAR(1 g) = 0.244 W/kg;
Smallest distance from peaks to all points 3 dB below is 11.6 mm
Ratio of SAR at M2 to SAR at M1 = 83.0 %



ELEMENT

DUT: A3LSMA156U; Type: Portable Handset; Serial: 08039

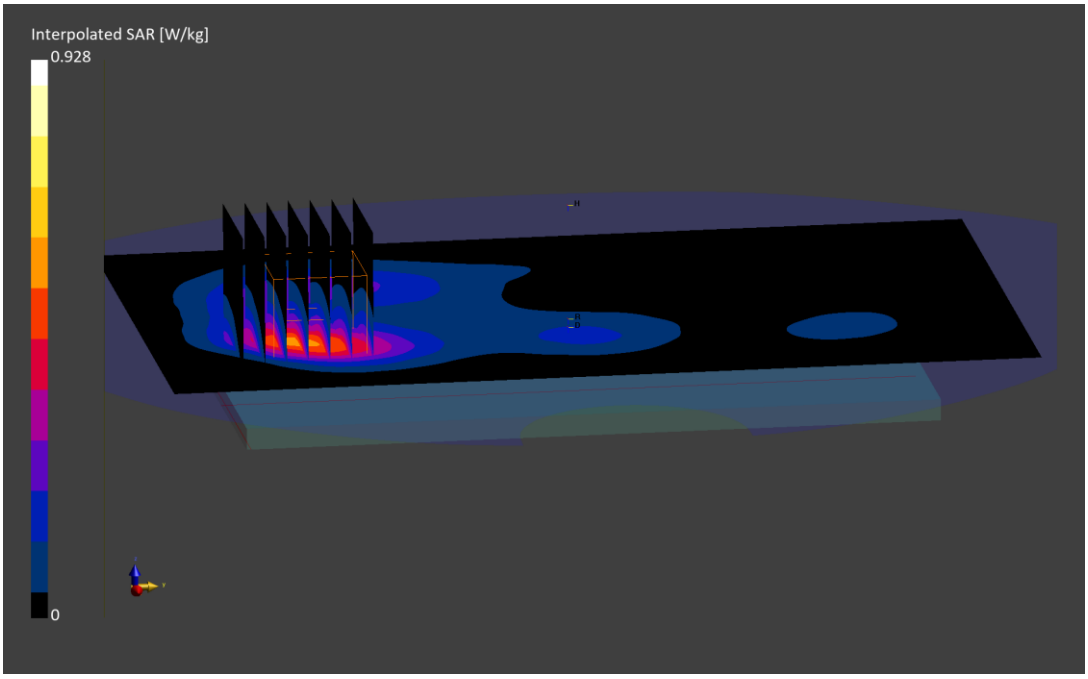
Communication System: UID:10435 - AAF, LTE-TDD; MAIA: Y; Frequency: 2680.0 MHz
Medium: 2450 Head; Medium parameters used:
f = 2680.0 MHz; cond = 2.00 S/m; perm = 37.5; density = 1000 kg/m3
Phantom Section: Flat; Space: 10.00 mm

Test Date: 10/18/2023; Ambient Temp: 21.4°C; Tissue Temp: 20.0°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: LTE Band 41, Antenna B, Exp: Body-worn/Hotspot | Back Side, Ch. High, 20 MHz Bandwidth, QPSK, 1 RB, 50 RB Offset

Area Scan (120.0 x 200.0): Measurement grid: dx=10.0 mm, dy=10.0 mm
Zoom Scan (30.0 x 30.0 x 30.0): Measurement grid: dx=5.0 mm, dy=5.0 mm, dz=1.5 mm; Graded Ratio: 1.5
Reference Value = 0.37 W/kg; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 0.928 W/kg
SAR(1 g) = 0.447 W/kg;
Smallest distance from peaks to all points 3 dB below is 11.2 mm
Ratio of SAR at M2 to SAR at M1 = 78.0 %



ELEMENT

DUT: A3LSMA156U; Type: Portable Handset; Serial: 09847

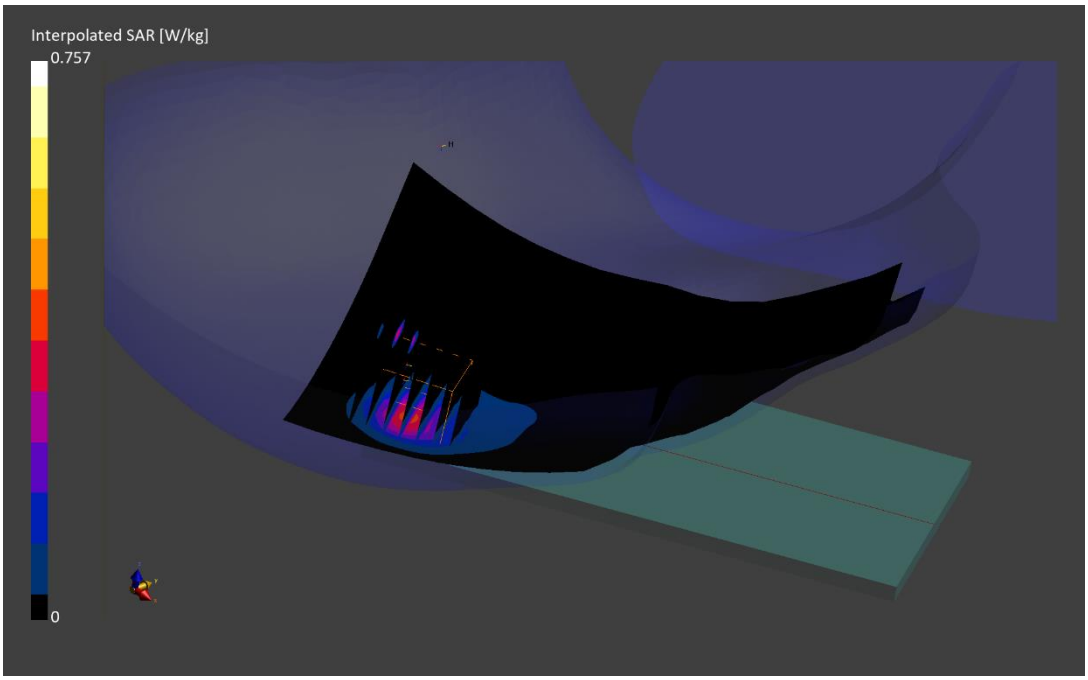
Communication System: UID:10435 - AAF, LTE-TDD; MAIA: Y; Frequency: 3603.3 MHz
Medium: 3600 Head; Medium parameters used:
f = 3603.3 MHz; cond = 2.91 S/m; perm = 38.5; density = 1000 kg/m3
Phantom Section: RightHead; Space: 0.00 mm

Test Date: 10/05/2023; Ambient Temp: 20.0°C; Tissue Temp: 20.0°C

Probe: EX3DV4 - SN7409; ConvF:(6.92,6.92,6.92); 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 48, Antenna F, Exp: Head| Right Cheek, Ch. Low-Mid, 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 (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 = 0.31 W/kg; Power Drift = 0.03 dB
Peak SAR (extrapolated) = 0.757 W/kg
SAR(1 g) = 0.299 W/kg
Smallest distance from peaks to all points 3 dB below is 8.6 mm
Ratio of SAR at M2 to SAR at M1 = 74.9 %



ELEMENT

DUT: A3LSMA156U; Type: Portable Handset; Serial: 09847

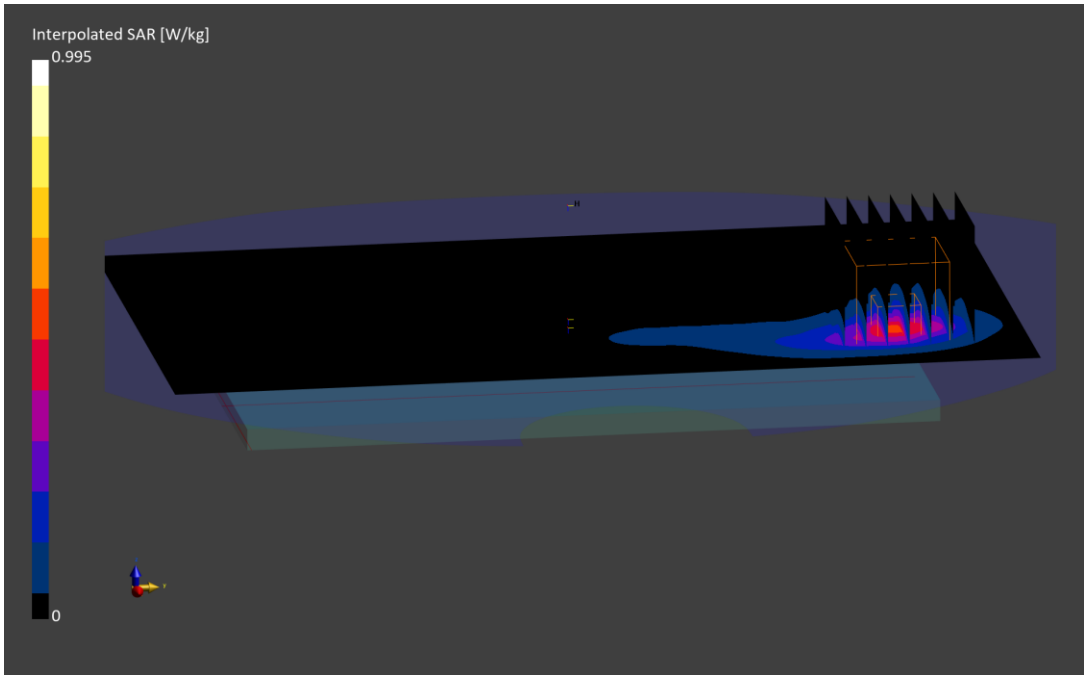
Communication System: UID:10435 - AAF, LTE-TDD; MAIA: Y; Frequency: 3690.0 MHz
Medium: 3600 Head; Medium parameters used:
f = 3690.0 MHz; cond = 3.00 S/m; perm = 38.3; density = 1000 kg/m3
Phantom Section: Flat; Space: 10.00 mm

Test Date: 10/05/2023; Ambient Temp: 20.0°C; Tissue Temp: 20.0°C

Probe: EX3DV4 - SN7409; ConvF:(6.92,6.92,6.92); 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 48, Antenna F, Exp: Body-worn/Hotspot| Back Side, Ch. High, 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 = 0.44 W/kg; Power Drift = 0.00 dB
Peak SAR (extrapolated) = 0.995 W/kg
SAR(1 g) = 0.398 W/kg;
Smallest distance from peaks to all points 3 dB below is 10.0 mm
Ratio of SAR at M2 to SAR at M1 = 76.4 %



ELEMENT

DUT: A3LSMA156U; Type: Portable Handset; Serial: 07296

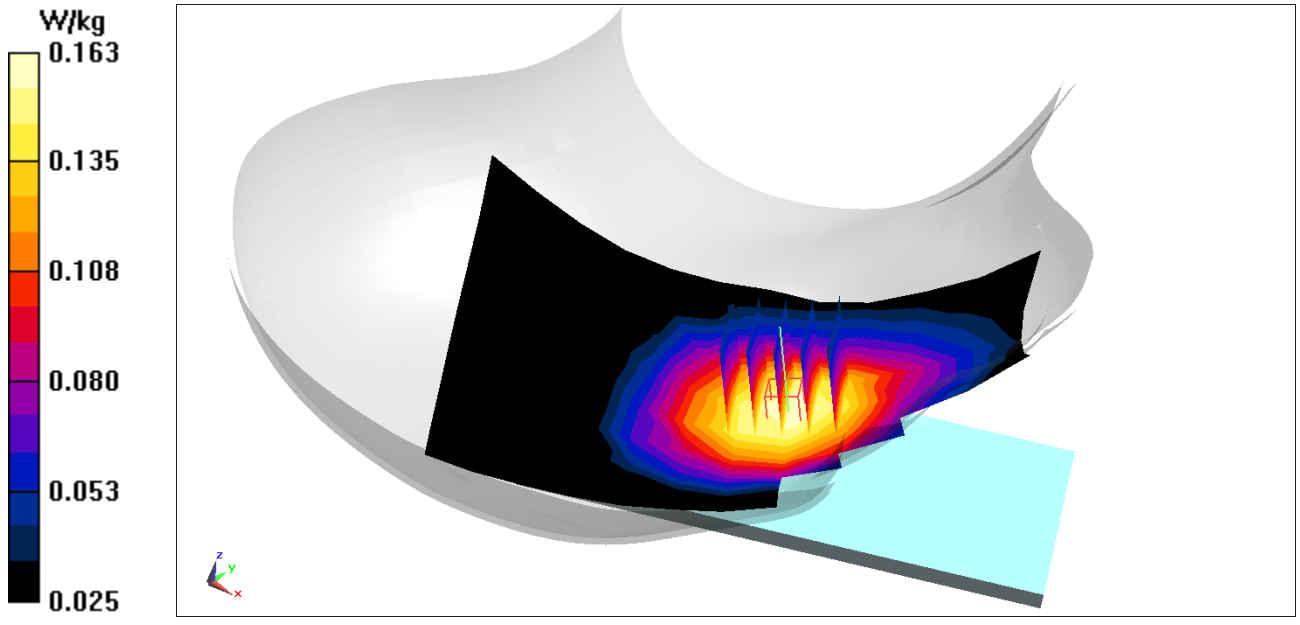
Communication System: UID 0, NR Band n71; Frequency: 680.5 MHz; Duty Cycle: 1:1
Medium: 750 Head; Medium parameters used (interpolated):
$f = 680.5$ MHz; $\sigma = 0.869$ S/m; $\varepsilon_r = 41.643$; $\rho = 1000$ kg/m^3
Phantom section: Right Section;

Test Date: 10/02/2023; Ambient Temp: 21.2°C; Tissue Temp: 21.2°C

Probe: EX3DV4 - SN7402; ConvF(10.21, 10.21, 10.21) @ 680.5 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 n71, Right Head, Cheek, 20 MHz Bandwidth,
DFT-s-OFDM QPSK, Ch. 136100, 1 RB, 104 RB Offset

Area Scan (9x13x1): Measurement grid: dx=15mm, dy=15mm
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 13.90 V/m; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 0.174 W/kg
SAR(1 g) = 0.142 W/kg
Smallest distance from peaks to all points 3 dB below: Larger than measurement grid (> 16 mm)
Ratio of SAR at M2 to SAR at M1 = 83.2%



ELEMENT

DUT: A3LSMA156U; Type: Portable Handset; Serial: 07296

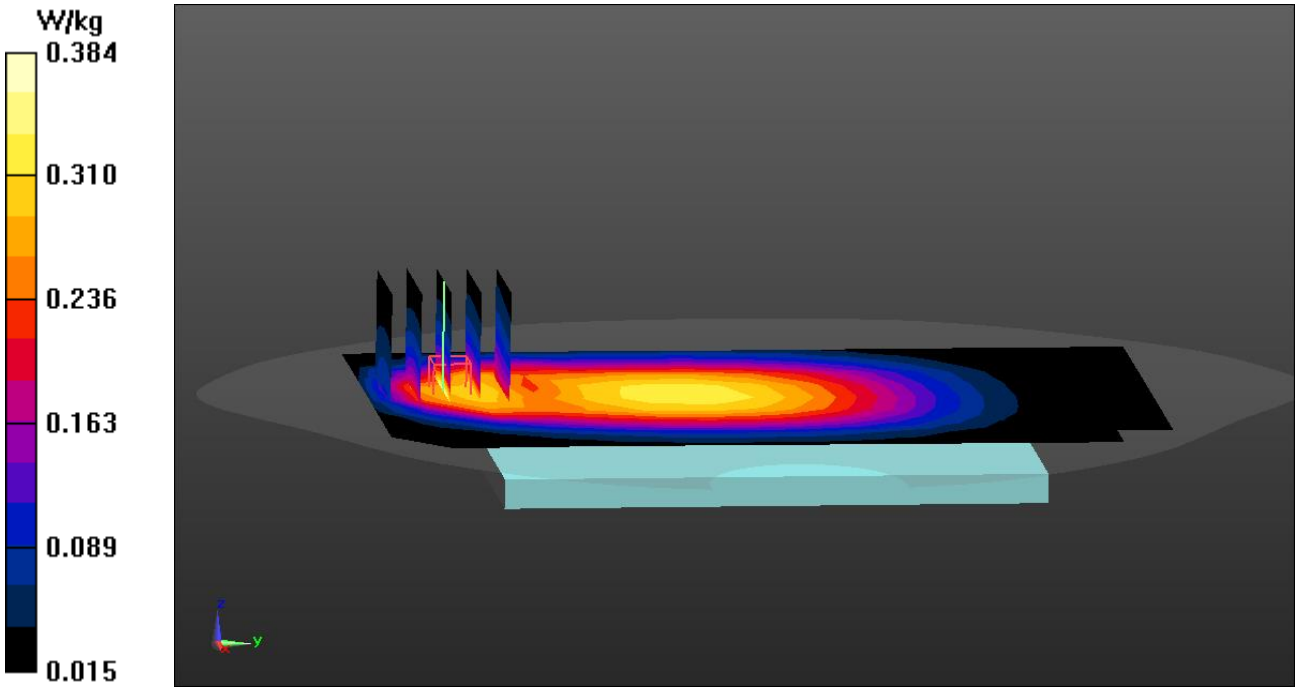
Communication System: UID 0, NR Band n71; Frequency: 680.5 MHz; Duty Cycle: 1:1
Medium: 750 Head; Medium parameters used (interpolated):
f = 680.5 MHz; σ = 0.869 S/m; ε_r = 41.643; ρ = 1000 kg/m^3
Phantom section: Flat Section; Space: 1.0 cm

Test Date: 10/02/2023; Ambient Temp: 21.2°C; Tissue Temp: 21.2°C

Probe: EX3DV4 - SN7402; ConvF(10.21, 10.21, 10.21) @ 680.5 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 n71, Body SAR, Back Side, 20 MHz Bandwidth, DFT-s-OFDM QPSK, Ch. 136100, 1 RB, 104 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 = 17.79 V/m; Power Drift = 0.20 dB
Peak SAR (extrapolated) = 0.473 W/kg
SAR(1 g) = 0.255 W/kg
Smallest distance from peaks to all points 3 dB below = 11.2 mm
Ratio of SAR at M2 to SAR at M1 = 54.7%



ELEMENT

DUT: A3LSMA156U; Type: Portable Handset; Serial: 07296

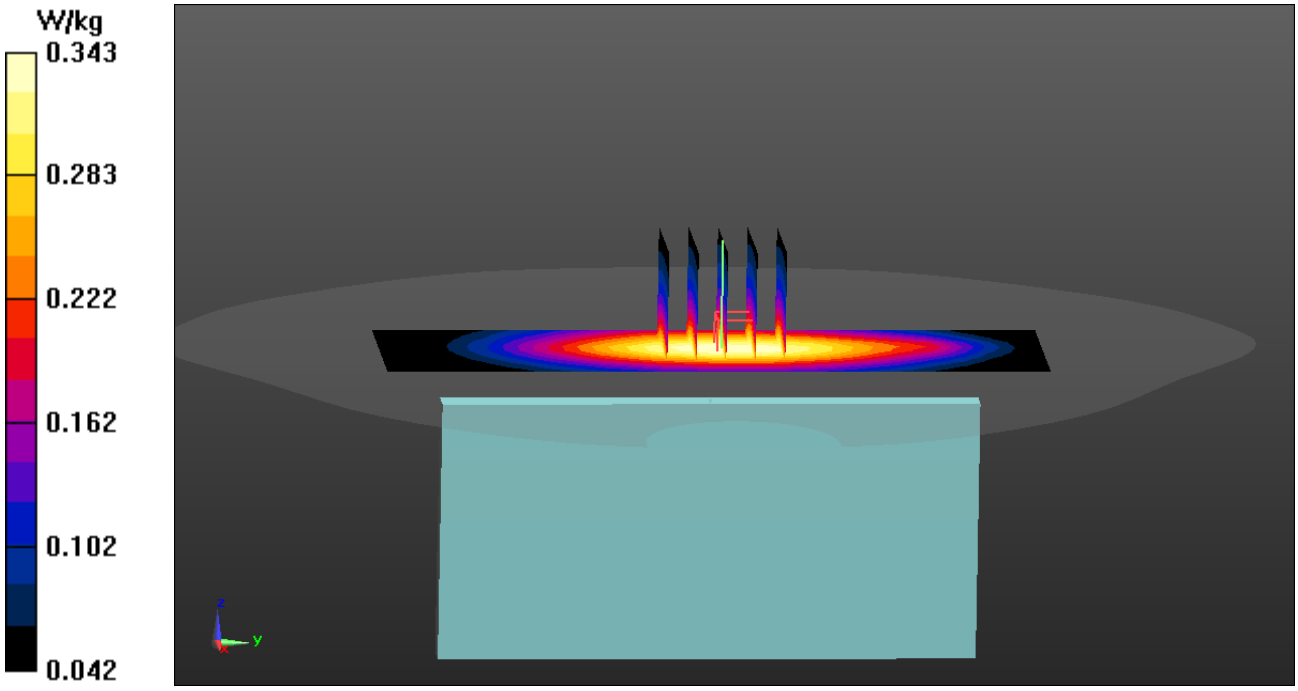
Communication System: UID 0, NR Band n71; Frequency: 680.5 MHz; Duty Cycle: 1:1
Medium: 750 Head; Medium parameters used (interpolated):
f = 680.5 MHz; σ = 0.854 S/m; ε_r = 42.117; ρ = 1000 kg/m^3
Phantom section: Flat Section; Space: 1.0 cm

Test Date: 10/04/2023; Ambient Temp: 21.6°C; Tissue Temp: 21.0°C

Probe: EX3DV4 - SN7402; ConvF(10.21, 10.21, 10.21) @ 680.5 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 n71, Body SAR, Right Edge, 20 MHz Bandwidth, DFT-s-OFDM QPSK, Ch. 136100, 1 RB, 104 RB Offset

Area Scan (11x13x1): Measurement grid: dx=5mm, dy=15mm
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 18.05 V/m; Power Drift = 0.03 dB
Peak SAR (extrapolated) = 0.384 W/kg
SAR(1 g) = 0.267 W/kg
Smallest distance from peaks to all points 3 dB below: Larger than measurement grid (> 16 mm)
Ratio of SAR at M2 to SAR at M1 = 69.4%



ELEMENT

DUT: A3LSMA156U; Type: Portable Handset; Serial: 07056

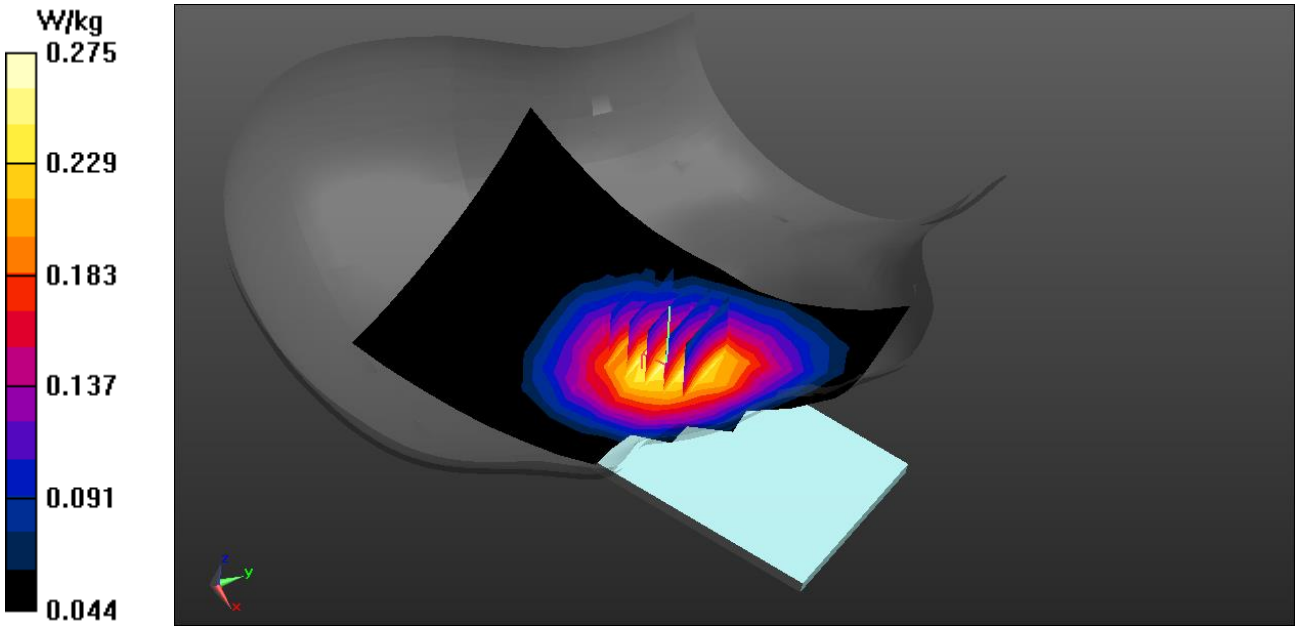
Communication System: UID 0, NR Band n5; Frequency: 836.5 MHz; Duty Cycle: 1:1
Medium: 835 Head; Medium parameters used (interpolated):
f = 836.5 MHz; σ = 0.872 S/m; ε_r = 43.166; ρ = 1000 kg/m^3
Phantom section: Right Section;

Test Date: 09/13/2023; Ambient Temp: 22.4°C; Tissue Temp: 22.5°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, Right Head, Cheek, 20 MHz Bandwidth, DFT-s-OFDM QPSK, Ch. 167300, 50 RB, 28 RB Offset

Area Scan (9x14x1): Measurement grid: dx=15mm, dy=15mm
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 17.29 V/m; Power Drift = 0.10 dB
Peak SAR (extrapolated) = 0.299 W/kg
SAR(1 g) = 0.236 W/kg
Smallest distance from peaks to all points 3 dB below: Larger than measurement grid (> 16 mm)
Ratio of SAR at M2 to SAR at M1 = 79.5%



ELEMENT

DUT: A3LSMA156U; Type: Portable Handset; Serial: 08039

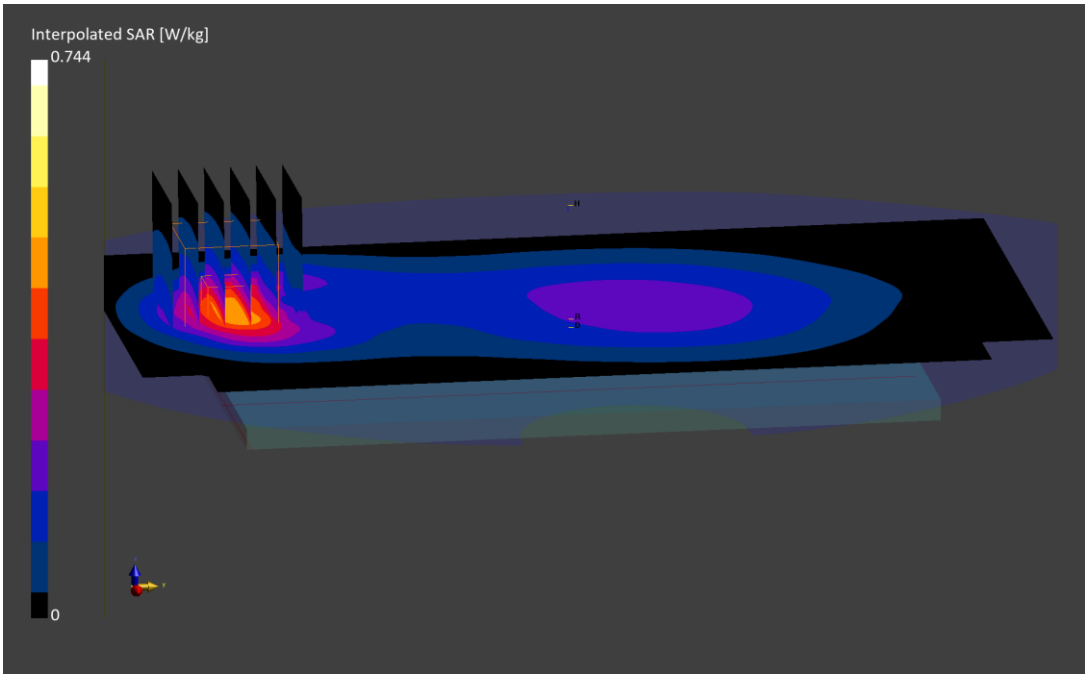
Communication System: UID:10939 - AAC, 5G NR FR1 FDD; MAIA: Y; Frequency: 836.5 MHz
Medium: 835 Head; Medium parameters used:
f = 836.5 MHz; cond = 0.925 S/m; perm = 40.9; density = 1000 kg/m3
Phantom Section: Flat; Space: 10.00 mm

Test Date: 10/04/2023; Ambient Temp: 23.1°C; Tissue Temp: 23.5°C

Probe: EX3DV4 - SN7565; ConvF:(9.16,9.16,9.16); 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 n5, Antenna A, Exp: Body-worn/Hotspot | Back Side, 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 = 0.36 W/kg; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 0.744 W/kg
SAR(1 g) = 0.405 W/kg;
Smallest distance from peaks to all points 3 dB below is 10.8 mm
Ratio of SAR at M2 to SAR at M1 = 82.3 %



ELEMENT

DUT: A3LSMA156U; Type: Portable Handset; Serial: 07080

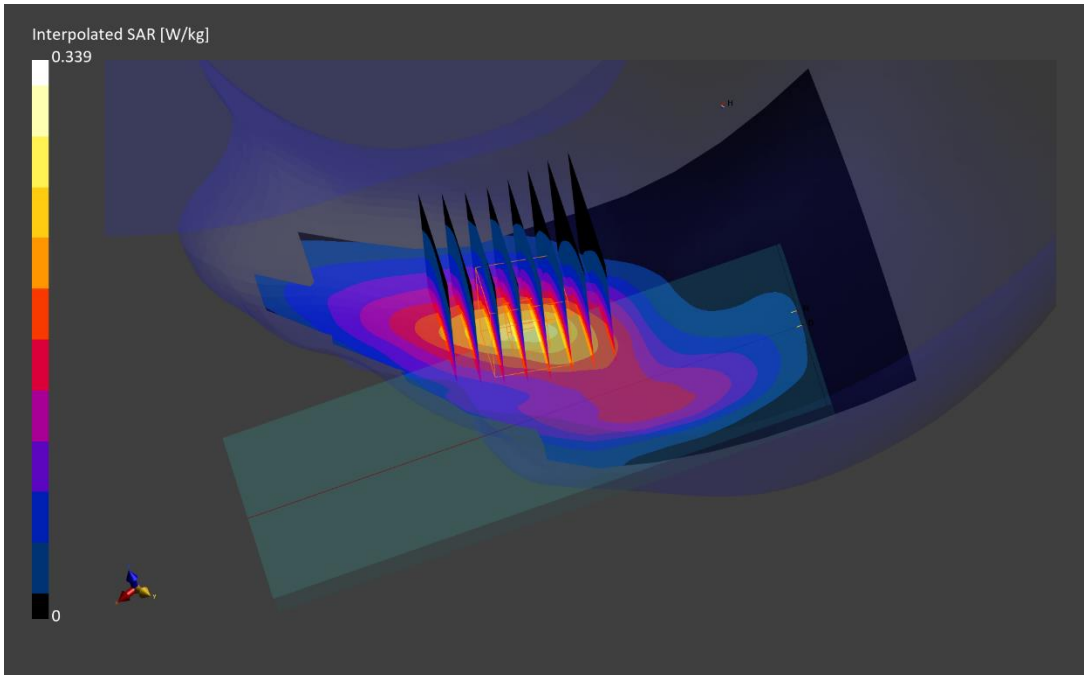
Communication System: UID:10938 - AAC, 5G NR FR1 FDD; MAIA: Y; Frequency: 1702.5 MHz
Medium: 1750 Head; Medium parameters used:
f = 1702.5 MHz; cond = 1.37 S/m; perm = 40.6; density = 1000 kg/m3
Phantom Section: LeftHead; Space: 0.00 mm

Test Date: 09/20/2023; Ambient Temp: 23.5°C; Tissue Temp: 22.3°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 = 0.25 W/kg; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 0.339 W/kg
SAR(1 g) = 0.232 W/kg;
Smallest distance from peaks to all points 3 dB below is 15.3 mm
Ratio of SAR at M2 to SAR at M1 = 89.1 %



ELEMENT

DUT: A3LSMA156U; Type: Portable Handset; Serial: 08005

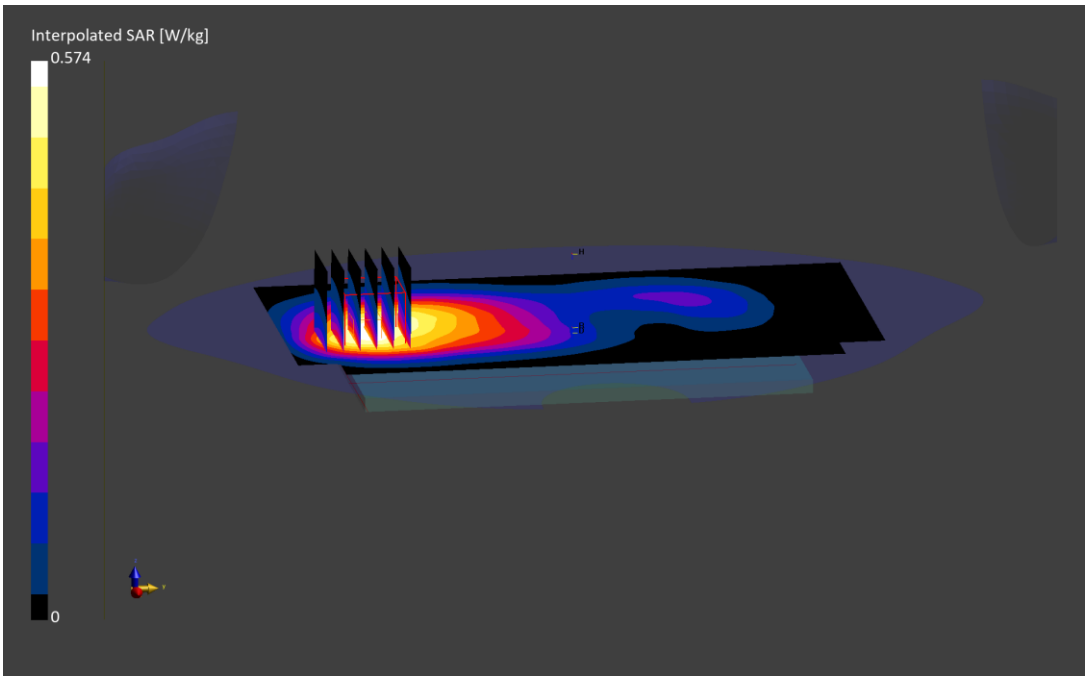
Communication System: UID:10938 - AAC, 5G NR FR1 FDD; MAIA: Y; Frequency: 1702.5 MHz
Medium: 1750 Head; Medium parameters used:
f = 1702.5 MHz; cond = 1.35 S/m; perm = 41.6; density = 1000 kg/m3
Phantom Section: Flat; Space: 10.00 mm

Test Date: 09/18/2023; Ambient Temp: 20.9°C; Tissue Temp: 22.2°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: NR Band n70, Antenna B, Exp: Body-worn | Back Side, Ch. 340500, 15 MHz Bandwidth, DFT-s-OFDM QPSK, 36 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 = 0.31 W/kg; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 0.574 W/kg
SAR(1 g) = 0.333 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 = 81.8 %



ELEMENT

DUT: A3LSMA156U; Type: Portable Handset; Serial: 08005

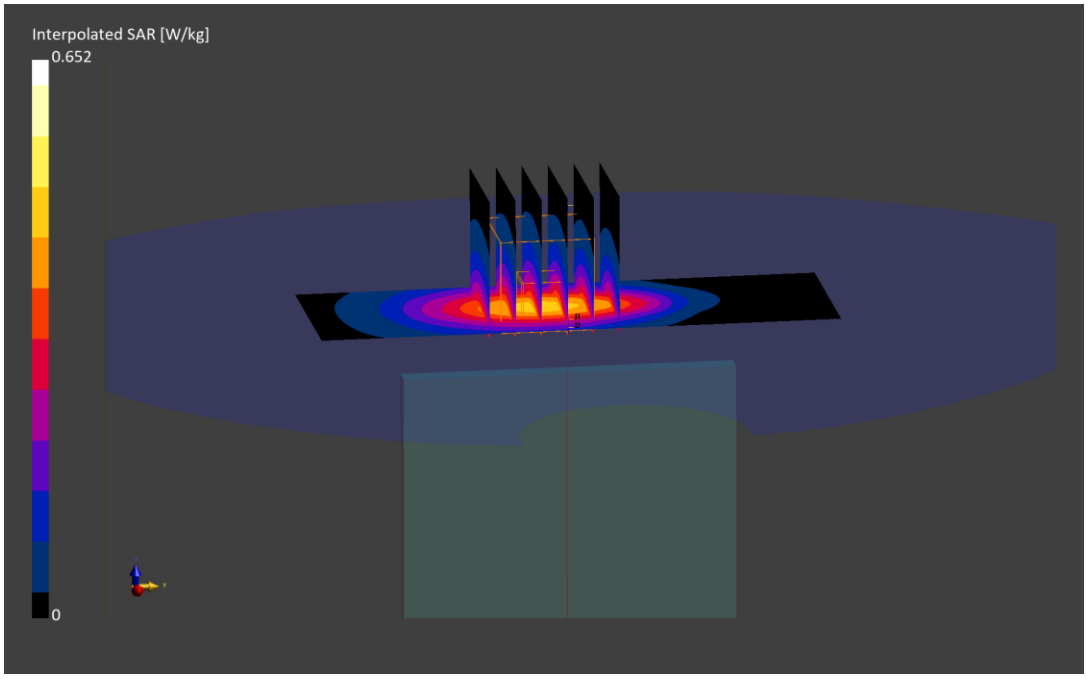
Communication System: UID:10938 - AAC, 5G NR FR1 FDD; MAIA: Y; Frequency: 1702.5 MHz
Medium: 1750 Head; Medium parameters used:
f = 1702.5 MHz; cond = 1.35 S/m; perm = 41.6; density = 1000 kg/m3
Phantom Section: Flat; Space: 10.00 mm

Test Date: 09/18/2023; Ambient Temp: 20.9°C; Tissue Temp: 22.2°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: NR Band n70, Antenna B, Exp: Hotspot| Bottom Edge, Ch. 340500, 15 MHz Bandwidth, DFT-s-OFDM QPSK, 36 RB, 0 RB Offset

Area Scan (40.0 x 120.0): Measurement grid: dx=5.0 mm, dy=15.0 mm
Zoom Scan (30.0 x 30.0 x 30.0): Measurement grid: dx=6.0 mm, dy=6.0 mm, dz=1.5 mm; Graded Ratio: 1.5
Reference Value = 0.35 W/kg; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 0.652 W/kg
SAR(1 g) = 0.375 W/kg;
Smallest distance from peaks to all points 3 dB below is 15.6 mm
Ratio of SAR at M2 to SAR at M1 = 82.3 %



ELEMENT

DUT: A3LSMA156U; Type: Portable Handset; Serial: 07080

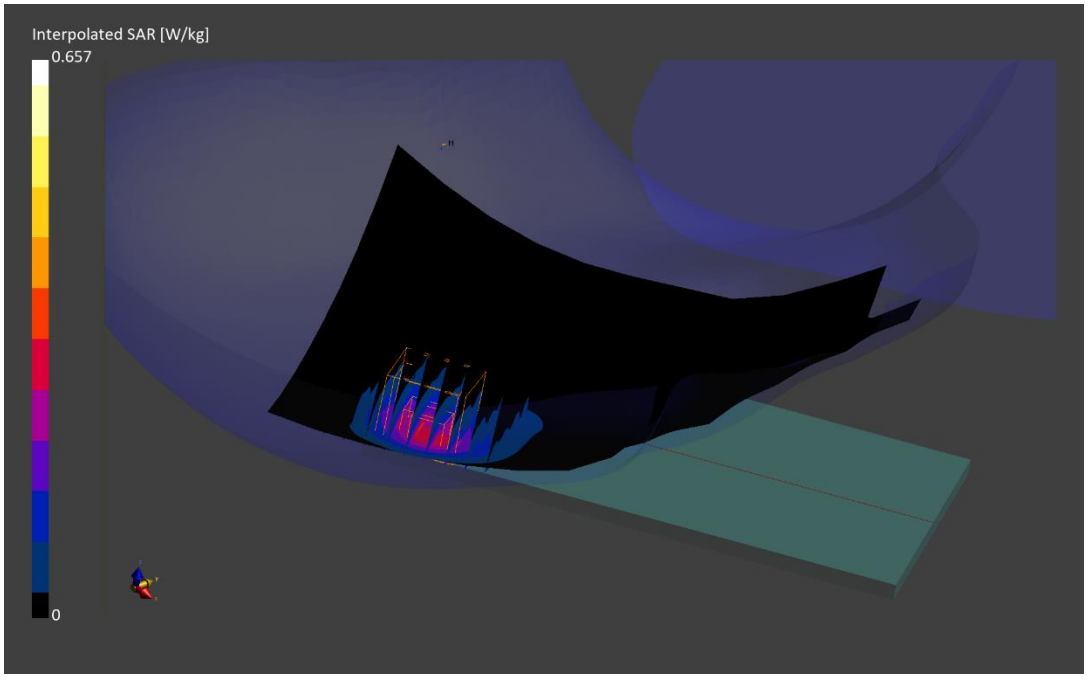
Communication System: UID:10942 - AAC, 5G NR FR1 FDD; MAIA: Y; Frequency: 1745.0 MHz
Medium: 1750 Head; Medium parameters used:
f = 1745.0 MHz; cond = 1.31 S/m; perm = 39.1; density = 1000 kg/m3
Phantom Section: RightHead; Space: 0.00 mm

Test Date: 10/23/2023; Ambient Temp: 22.9°C; Tissue Temp: 21.2°C

Probe: EX3DV4 - SN7661; ConvF:(8.97,8.97,8.97); Calibrated: 2023-06-14
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn728; Calibrated: 2023-05-11
Phantom: Twin-SAM V8.0; Serial: 2064
Measurement SW: DASY Module SAR V16.2.0.1425

Mode: NR Band n66, Antenna C, Exp: Head| Right Cheek, Ch. 349000, 40 MHz Bandwidth, DFT-s-OFDM QPSK, 108 RB, 54 RB Offset

Area Scan (120.0 x 210.0): Measurement grid: dx=15.0 mm, dy=15.0 mm
Zoom Scan (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 = 0.32 W/kg; Power Drift = -0.06 dB
Peak SAR (extrapolated) = 0.657 W/kg
SAR(1 g) = 0.301 W/kg;
Smallest distance from peaks to all points 3 dB below is 9.2 mm
Ratio of SAR at M2 to SAR at M1 = 78.4 %



ELEMENT

DUT: A3LSMA156U; Type: Portable Handset; Serial: 08005

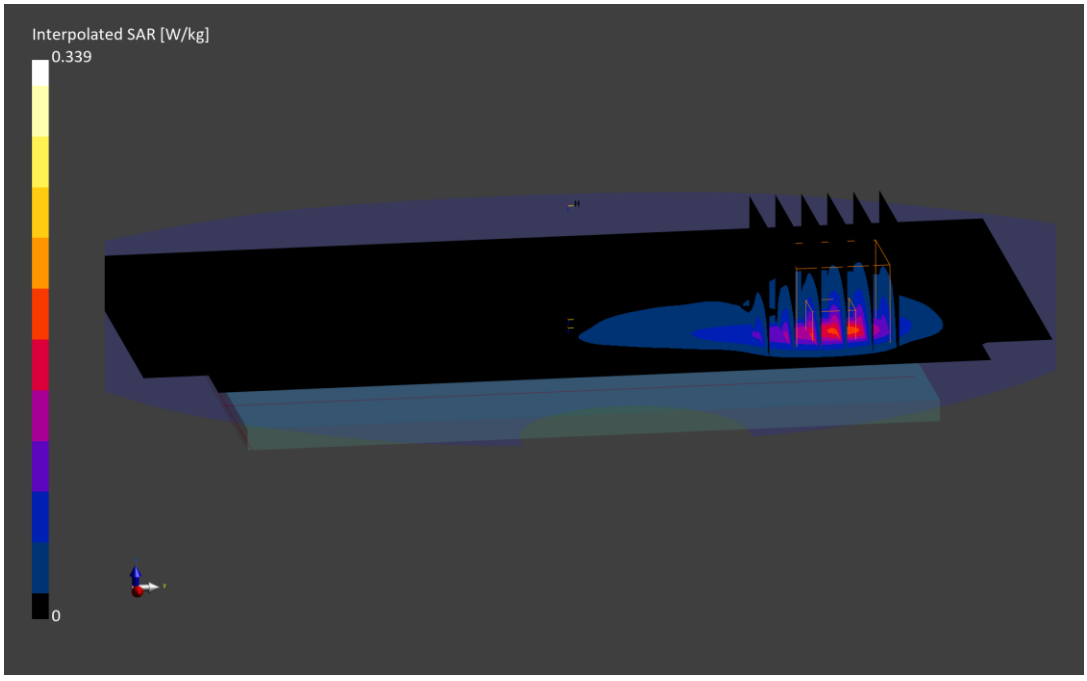
Communication System: UID:10934 - AAC, 5G NR FR1 FDD; MAIA: Y; Frequency: 1745.0 MHz
Medium: 1750 Head; Medium parameters used:
f = 1745.0 MHz; cond = 1.31 S/m; perm = 39.1; density = 1000 kg/m3
Phantom Section: Flat; Space: 10.00 mm

Test Date: 10/23/2023; Ambient Temp: 22.8°C; Tissue Temp: 21.2°C

Probe: EX3DV4 - SN7661; ConvF:(8.97,8.97,8.97); Calibrated: 2023-06-14
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn728; Calibrated: 2023-05-11
Phantom: Twin-SAM V8.0; Serial: 2064
Measurement SW: DASY Module SAR V16.2.0.1425

Mode: NR Band n66, Antenna C, 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 = 0.15 W/kg; Power Drift = 0.00 dB
Peak SAR (extrapolated) = 0.339 W/kg
SAR(1 g) = 0.154 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 = 76.0 %



ELEMENT

DUT: A3LSMA156U; Type: Portable Handset; Serial: 07122

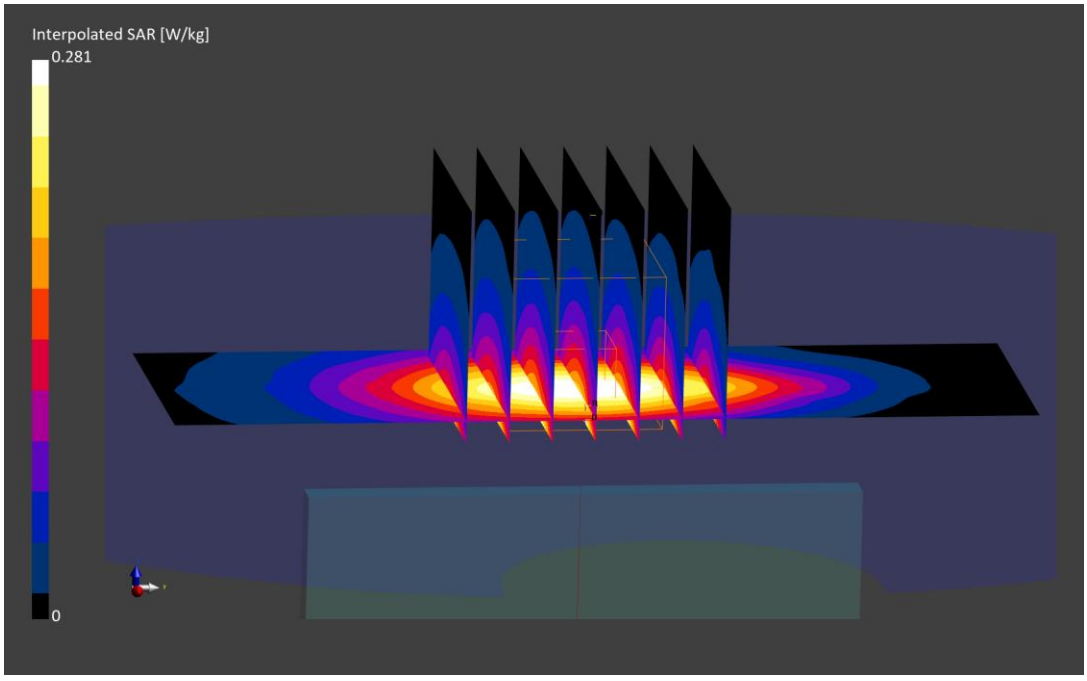
Communication System: UID:10934 - AAC, 5G NR FR1 FDD; MAIA: Y; Frequency: 1745.0 MHz
Medium: 1750 Head; Medium parameters used:
f = 1745.0 MHz; cond = 1.33 S/m; perm = 39.9; density = 1000 kg/m3
Phantom Section: Flat; Space: 10.00 mm

Test Date: 10/17/2023; Ambient Temp: 23.0°C; Tissue Temp: 21.5°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: Hotspot| Bottom Edge, Ch. 349000, 40 MHz Bandwidth, DFT-s-OFDM QPSK, 1 RB, 1 RB Offset

Area Scan (40.0 x 120.0): Measurement grid: dx=5.0 mm, dy=15.0 mm
Zoom Scan (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 = 0.18 W/kg; Power Drift = -0.05 dB
Peak SAR (extrapolated) = 0.281 W/kg
SAR(1 g) = 0.170 W/kg
Smallest distance from peaks to all points 3 dB below is 15.8 mm
Ratio of SAR at M2 to SAR at M1 = 84.2 %



ELEMENT

DUT: A3LSMA156U; Type: Portable Handset; Serial: 07122

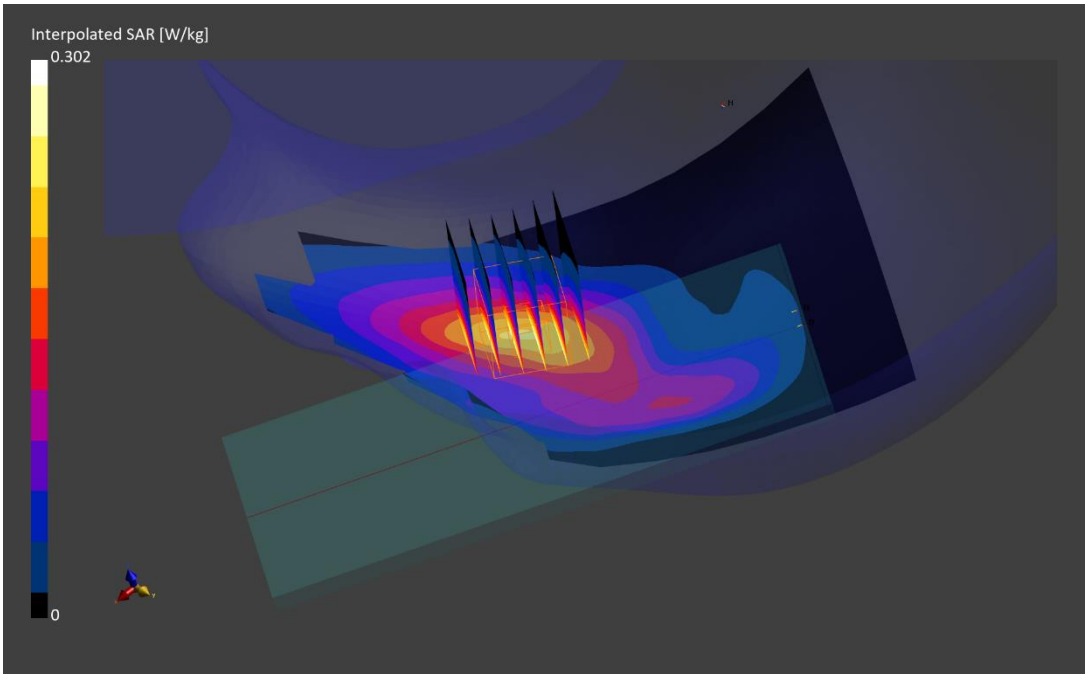
Communication System: UID:10942 - AAC, 5G NR FR1 FDD; MAIA: Y; Frequency: 1882.5 MHz
Medium: 1900 Head; Medium parameters used:
f = 1882.5 MHz; cond = 1.42 S/m; perm = 41.3; density = 1000 kg/m3
Phantom Section: LeftHead; Space: 0.00 mm

Test Date: 09/18/2023; Ambient Temp: 22.3°C; Tissue Temp: 21.4°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: NR Band n25, Antenna B, Left Cheek, Ch. 376500, 40 MHz Bandwidth, 40 MHz Bandwidth, DFT-s-OFDM QPSK, 108 RB, 54 RB Offset

Area Scan (120.0 x 210.0): Measurement grid: dx=15.0 mm, dy=15.0 mm
Zoom Scan (30.0 x 30.0 x 30.0): Measurement grid: dx=6.0 mm, dy=6.0 mm, dz=1.5 mm; Graded Ratio: 1.5
Reference Value = 0.18 W/kg; Power Drift = -0.05 dB
Peak SAR (extrapolated) = 0.302 W/kg
SAR(1 g) = 0.199 W/kg;
Smallest distance from peaks to all points 3 dB below is 14.4 mm
Ratio of SAR at M2 to SAR at M1 = 88.2 %



ELEMENT

DUT: A3LSMA156U; Type: Portable Handset; Serial: 07122

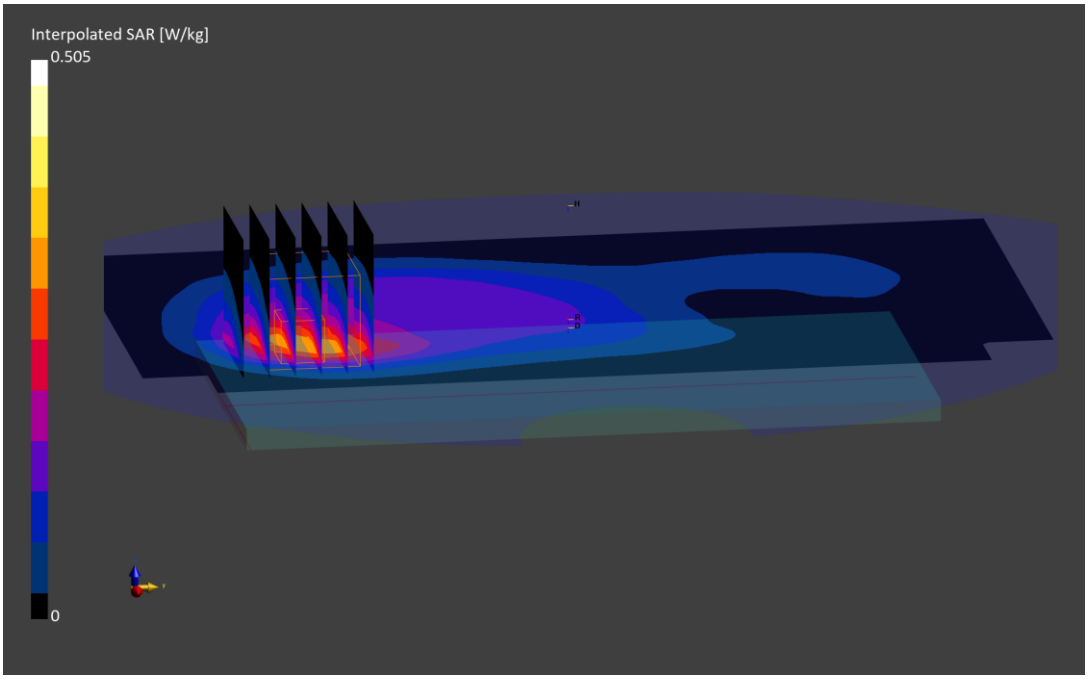
Communication System: UID:10942 - AAC, 5G NR FR1 FDD; MAIA: Y; Frequency: 1882.5 MHz
Medium: 1900 Head; Medium parameters used:
f = 1882.5 MHz; cond = 1.42 S/m; perm = 41.3; density = 1000 kg/m3
Phantom Section: Flat; Space: 10.00 mm

Test Date: 09/18/2023; Ambient Temp: 22.3°C; Tissue Temp: 21.4°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: NR Band n25, Antenna B, Back Side, Ch. 376500, 40 MHz Bandwidth, 40 MHz Bandwidth, DFT-s-OFDM QPSK, 108 RB, 54 RB Offset

Area Scan (150.0 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 = 0.28 W/kg; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 0.505 W/kg
SAR(1 g) = 0.277 W/kg;
Smallest distance from peaks to all points 3 dB below is 14.5 mm
Ratio of SAR at M2 to SAR at M1 = 81.3 %



ELEMENT

DUT: A3LSMA156U; Type: Portable Handset; Serial: 08005

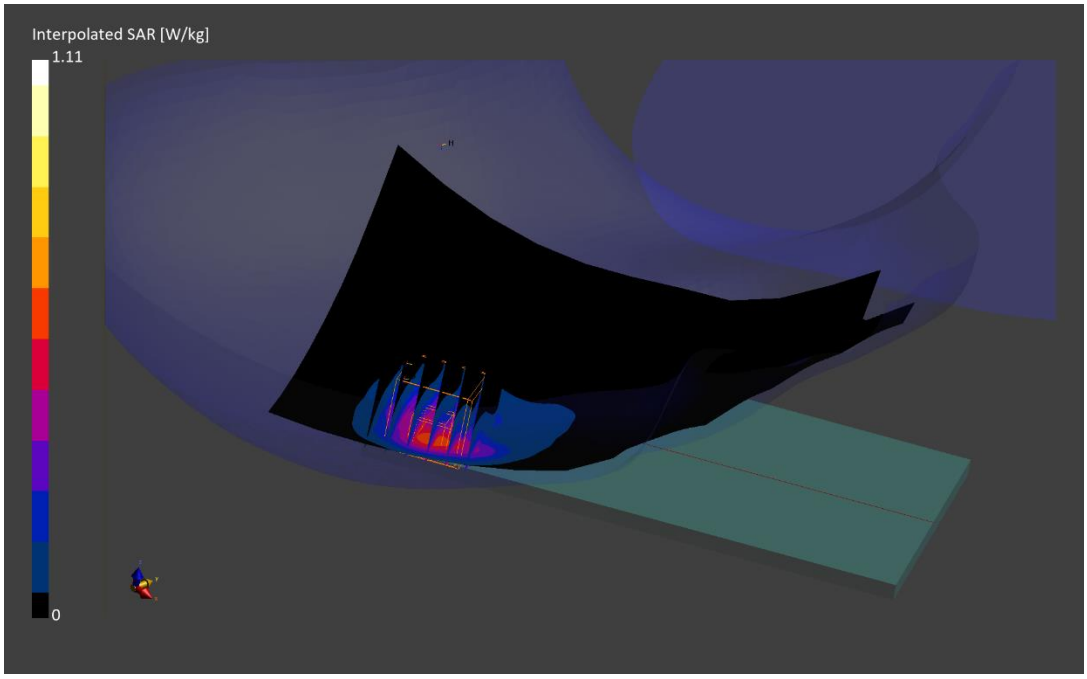
Communication System: UID:10942 - AAC, 5G NR FR1 FDD; MAIA: Y; Frequency: 1880.0 MHz
Medium: 1900 Head; Medium parameters used:
f = 1880.0 MHz; cond = 1.41 S/m; perm = 39.4; density = 1000 kg/m3
Phantom Section: RightHead; Space: 0.00 mm

Test Date: 10/09/2023; Ambient Temp: 19.9°C; Tissue Temp: 20.3°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: NR Band n2, Antenna C, Exp: Head| Right Cheek, Ch. 376000, 40 MHz Bandwidth, DFT-s-OFDM QPSK, 108 RB, 54 RB Offset

Area Scan (120.0 x 210.0): Measurement grid: dx=15.0 mm, dy=15.0 mm
Zoom Scan (30.0 x 30.0 x 30.0): Measurement grid: dx=6.0 mm, dy=6.0 mm, dz=1.5 mm; Graded Ratio: 1.5
Reference Value = 0.41 W/kg; Power Drift = 0.00 dB
Peak SAR (extrapolated) = 1.11 W/kg
SAR(1 g) = 0.512 W/kg;
Smallest distance from peaks to all points 3 dB below is 8.6 mm
Ratio of SAR at M2 to SAR at M1 = 77.6 %



ELEMENT

DUT: A3LSMA156U; Type: Portable Handset; Serial: 08005

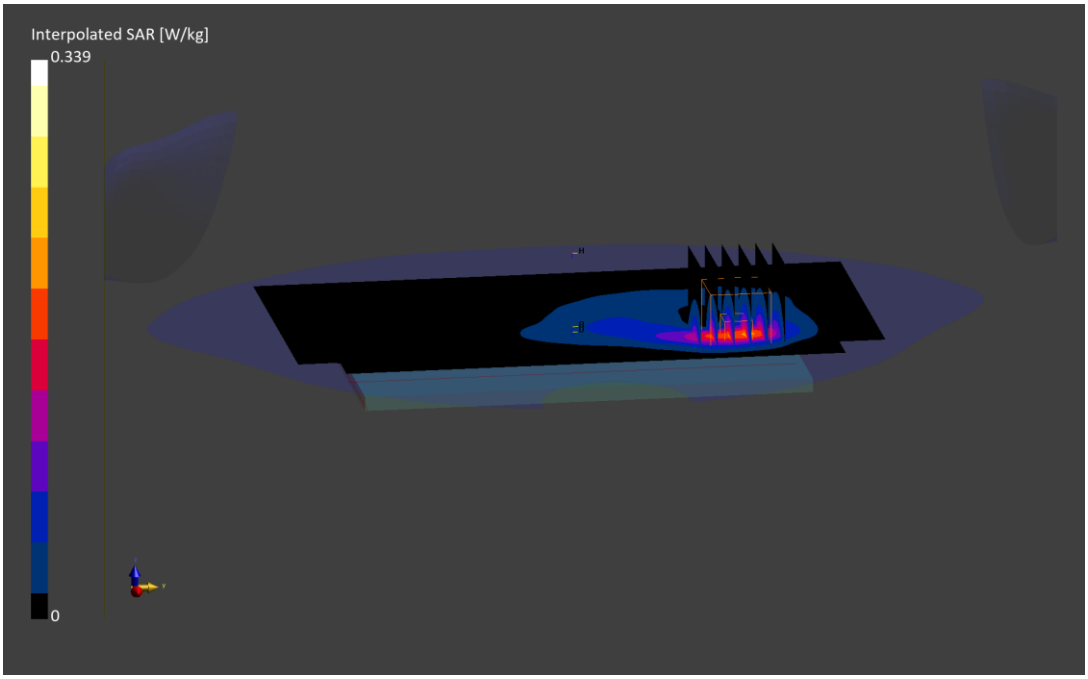
Communication System: UID:10942 - AAC, 5G NR FR1 FDD; MAIA: Y; Frequency: 1880.0 MHz
Medium: 1900 Head; Medium parameters used:
f = 1880.0 MHz; cond = 1.41 S/m; perm = 39.4; density = 1000 kg/m3
Phantom Section: Flat; Space: 10.00 mm

Test Date: 10/09/2023; Ambient Temp: 19.9°C; Tissue Temp: 20.3°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: NR Band n2, Antenna C, Exp: Body-worn | Back Side, Ch. 376500, 40 MHz Bandwidth, DFT-s-OFDM QPSK, 108 RB, 54 RB Offset

Area Scan (120.0 x 210.0): Measurement grid: dx=15.0 mm, dy=15.0 mm
Zoom Scan (30.0 x 30.0 x 30.0): Measurement grid: dx=6.0 mm, dy=6.0 mm, dz=1.5 mm; Graded Ratio: 1.5
Reference Value = 0.17 W/kg; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 0.339 W/kg
SAR(1 g) = 0.172 W/kg;
Smallest distance from peaks to all points 3 dB below is 9.2 mm
Ratio of SAR at M2 to SAR at M1 = 80.5 %



ELEMENT

DUT: A3LSMA156U; Type: Portable Handset; Serial: 08005

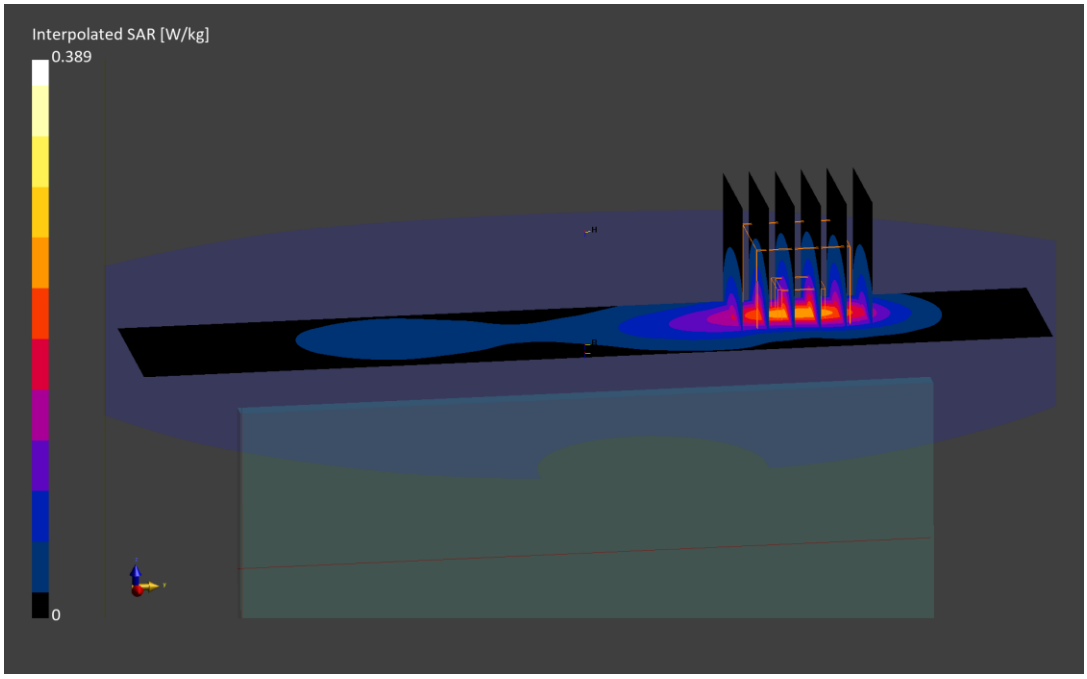
Communication System: UID:10773 - AAD, CW; MAIA: Y; Frequency: 1880.0 MHz
Medium: 1900 Head; Medium parameters used:
f = 1880.0 MHz; cond = 1.41 S/m; perm = 39.4; density = 1000 kg/m3
Phantom Section: Flat; Space: 10.00 mm

Test Date: 10/09/2023; Ambient Temp: 19.9°C; Tissue Temp: 20.3°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: NR Band n2, Antenna C, Exp: Hotspot| Left Edge, Ch. 376000, 40 MHz Bandwidth, CP-OFDM QPSK, 1 RB, 1 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 = 0.20 W/kg; Power Drift = 0.00 dB
Peak SAR (extrapolated) = 0.389 W/kg
SAR(1 g) = 0.201 W/kg;
Smallest distance from peaks to all points 3 dB below is 9.6 mm
Ratio of SAR at M2 to SAR at M1 = 80.2 %



ELEMENT

DUT: A3LSMA156U; Type: Portable Handset; Serial: 07056

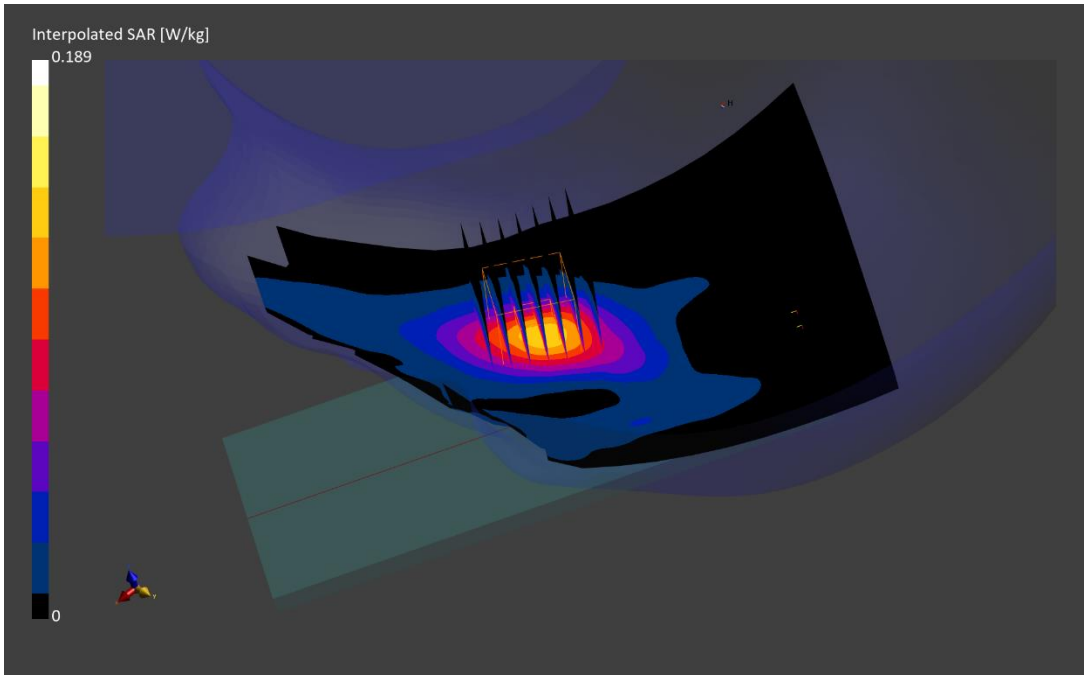
Communication System: UID:10803 - AAD, 5G NR FR1 TDD; MAIA: Y; Frequency: 2593.0 MHz
Medium: 2450 Head; Medium parameters used:
f = 2593.0 MHz; cond = 1.93 S/m; perm = 38.0; density = 1000 kg/m3
Phantom Section: LeftHead; Space: 0.00 mm

Test Date: 10/23/2023; Ambient Temp: 20.0°C; Tissue Temp: 21.3°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: Head| Left Cheek, Ch. 518598, 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 (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 = 0.00 dB
Peak SAR (extrapolated) = 0.189 W/kg
SAR(1 g) = 0.109 W/kg;
Smallest distance from peaks to all points 3 dB below is 12.0 mm
Ratio of SAR at M2 to SAR at M1 = 84.0 %



ELEMENT

DUT: A3LSMA156U; Type: Portable Handset; Serial: 07056

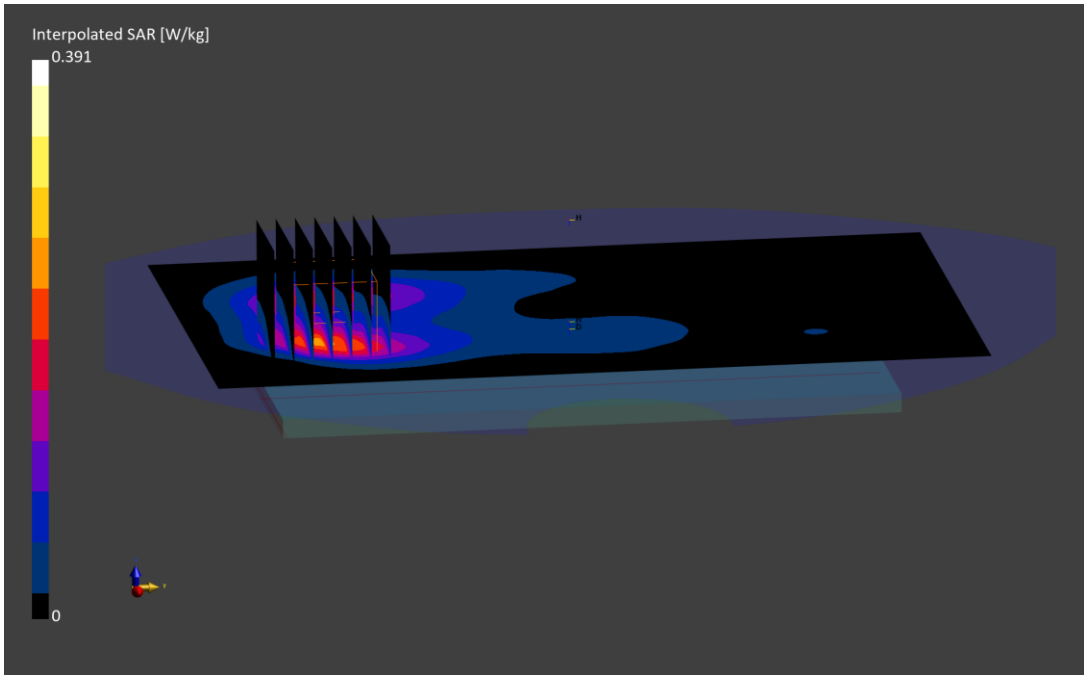
Communication System: UID:10866 - AAD, 5G NR FR1 TDD; MAIA: Y; Frequency: 2593.0 MHz
Medium: 2450 Head; Medium parameters used:
f = 2593.0 MHz; cond = 1.93 S/m; perm = 38.0; density = 1000 kg/m3
Phantom Section: Flat; Space: 10.00 mm

Test Date: 10/23/2023; Ambient Temp: 20.0°C; Tissue Temp: 21.3°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/Hotspot| Back Side, Ch. 518598, 100 MHz Bandwidth, DFT-s-OFDM QPSK, 1 RB, 137 RB Offset

Area Scan (120.0 x 200.0): Measurement grid: dx=10.0 mm, dy=10.0 mm
Zoom Scan (30.0 x 30.0 x 30.0): Measurement grid: dx=5.0 mm, dy=5.0 mm, dz=1.5 mm; Graded Ratio: 1.5
Reference Value = 0.15 W/kg; Power Drift = -0.02 dB
Peak SAR (extrapolated) = 0.391 W/kg
SAR(1 g) = 0.187 W/kg;
Smallest distance from peaks to all points 3 dB below is 11.2 mm
Ratio of SAR at M2 to SAR at M1 = 78.1 %



ELEMENT

DUT: A3LSMA156U; Type: Portable Handset; Serial: 07296

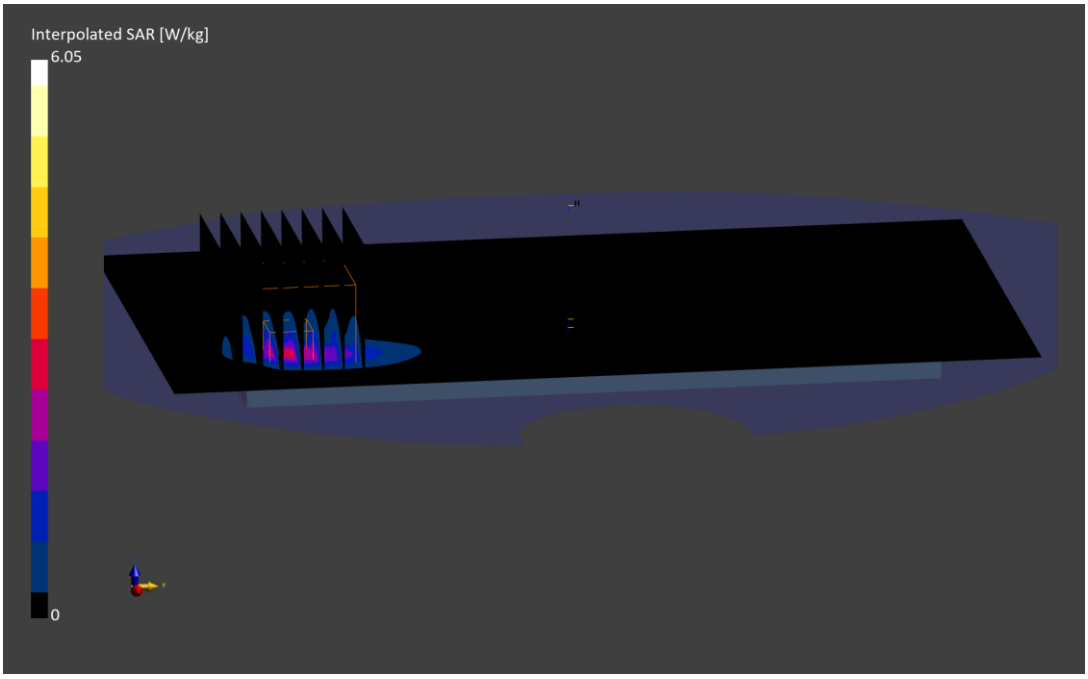
Communication System: UID:10917 - AAB, 5G NR FR1 TDD; MAIA: Y; Frequency: 2593.0 MHz
Medium: 2450 Head; Medium parameters used:
f = 2593.0 MHz; cond = 1.97 S/m; perm = 38.9; density = 1000 kg/m3
Phantom Section: Flat; Space: 0.00 mm

Test Date: 10/27/2023; Ambient Temp: 19.2°C; Tissue Temp: 19.2°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: NR Band n41, Antenna B, Exp: Phablet| Back Side, Ch. 518598, 100 MHz Bandwidth, 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=4.7 mm, dy=4.7 mm, dz=1.5 mm; Graded Ratio: 1.5
Reference Value = 1.92 W/kg; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 6.05 W/kg
SAR(10 g) = 0.830 W/kg
Smallest distance from peaks to all points 3 dB below is 7.6 mm
Ratio of SAR at M2 to SAR at M1 = 68.9 %



ELEMENT

DUT: A3LSMA156U; Type: Portable Handset; Serial: 07973

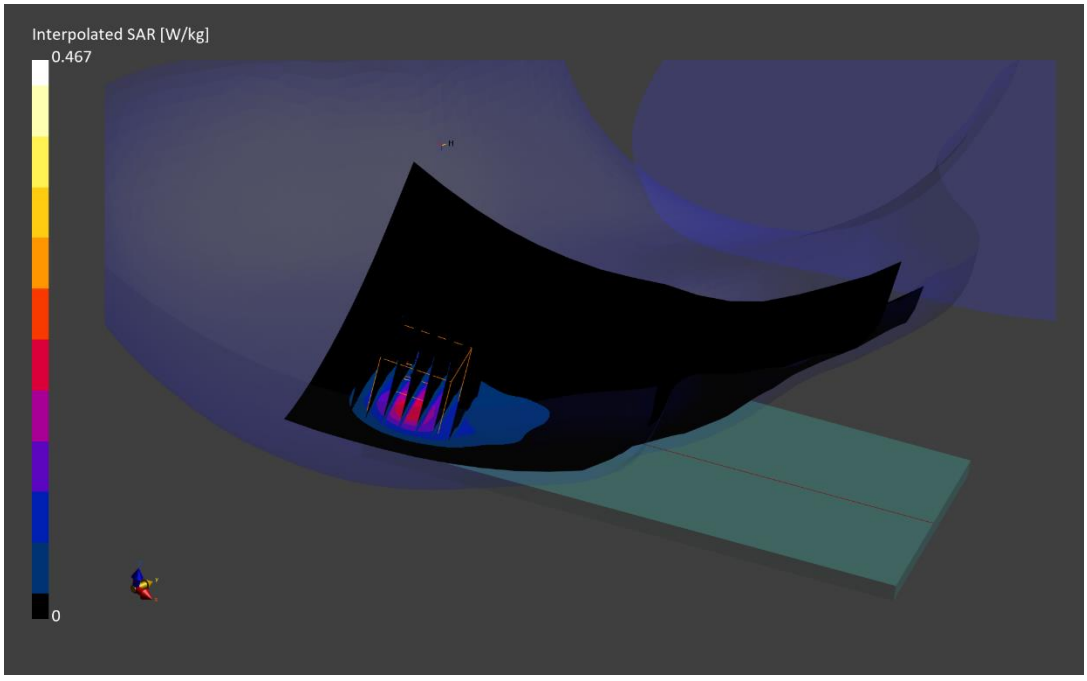
Communication System: UID:10797 - AAD, 5G NR FR1 TDD; MAIA: Y; Frequency: 3625.0 MHz
Medium: 3600 Head; Medium parameters used:
f = 3625.0 MHz; cond = 3.01 S/m; perm = 37.0; density = 1000 kg/m3
Phantom Section: RightHead; Space: 0.00 mm

Test Date: 10/05/2023; Ambient Temp: 23.1°C; Tissue Temp: 21.4°C

Probe: EX3DV4 - SN7490; ConvF:(6.7,6.7,6.7); Calibrated: 2022-12-09
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1644; Calibrated: 2022-12-13
Phantom: Twin-SAM V8.0; Serial: 2034
Measurement SW: DASY Module SAR V16.2.0.1425

Mode: NR Band n48, Antenna F, Exp: Head| Right Cheek, Ch. 641666, 40 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 = 0.13 W/kg; Power Drift = -0.07 dB
Peak SAR (extrapolated) = 0.467 W/kg
SAR(1 g) = 0.168 W/kg;
Smallest distance from peaks to all points 3 dB below is 8.6 mm
Ratio of SAR at M2 to SAR at M1 = 71.9 %



ELEMENT

DUT: A3LSMA156U; Type: Portable Handset; Serial: 07973

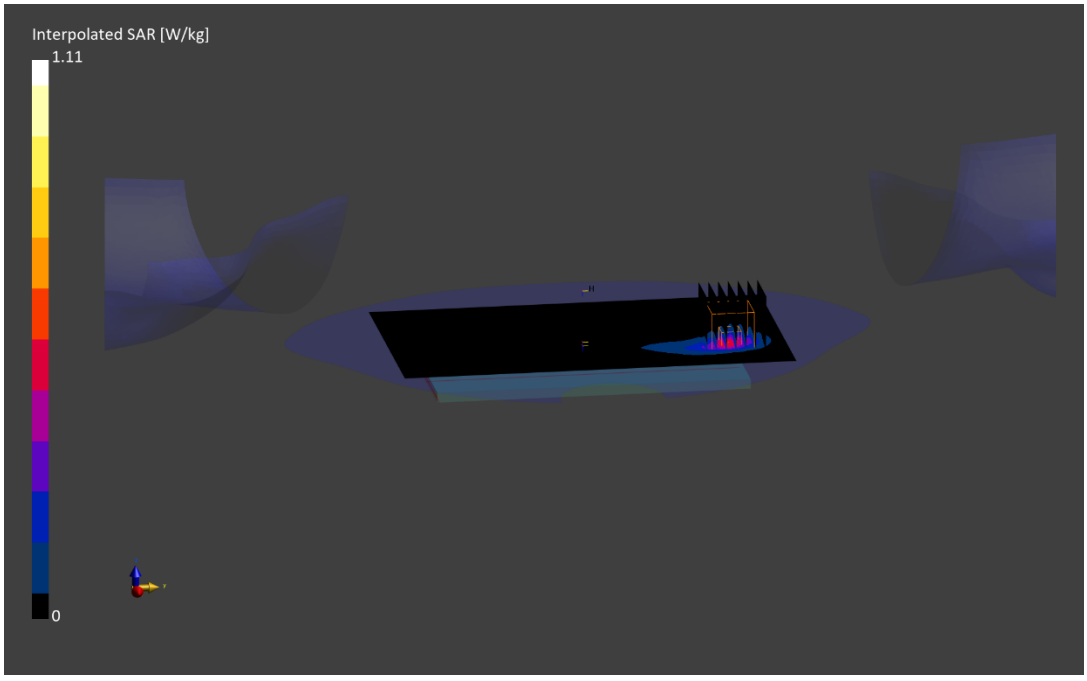
Communication System: UID:10797 - AAD, 5G NR FR1 TDD; MAIA: Y; Frequency: 3625.0 MHz
Medium: 3600 Head; Medium parameters used:
f = 3625.0 MHz; cond = 3.03 S/m; perm = 36.3; density = 1000 kg/m3
Phantom Section: Flat; Space: 10.00 mm

Test Date: 10/09/2023; Ambient Temp: 21.9°C; Tissue Temp: 21.1°C

Probe: EX3DV4 - SN7490; ConvF:(6.7,6.7,6.7); Calibrated: 2022-12-09
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1644; Calibrated: 2022-12-13
Phantom: Twin-SAM V8.0; Serial: 2034
Measurement SW: DASY Module SAR V16.2.0.1425

Mode: NR Band n48, Antenna F, Exp: Body-worn | Back Side, Ch. 641666, 40 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 = 0.36 W/kg; Power Drift = 0.03 dB
Peak SAR (extrapolated) = 1.11 W/kg
SAR(1 g) = 0.414 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 = 72.5 %



ELEMENT

DUT: A3LSMA156U; Type: Portable Handset; Serial: 07973

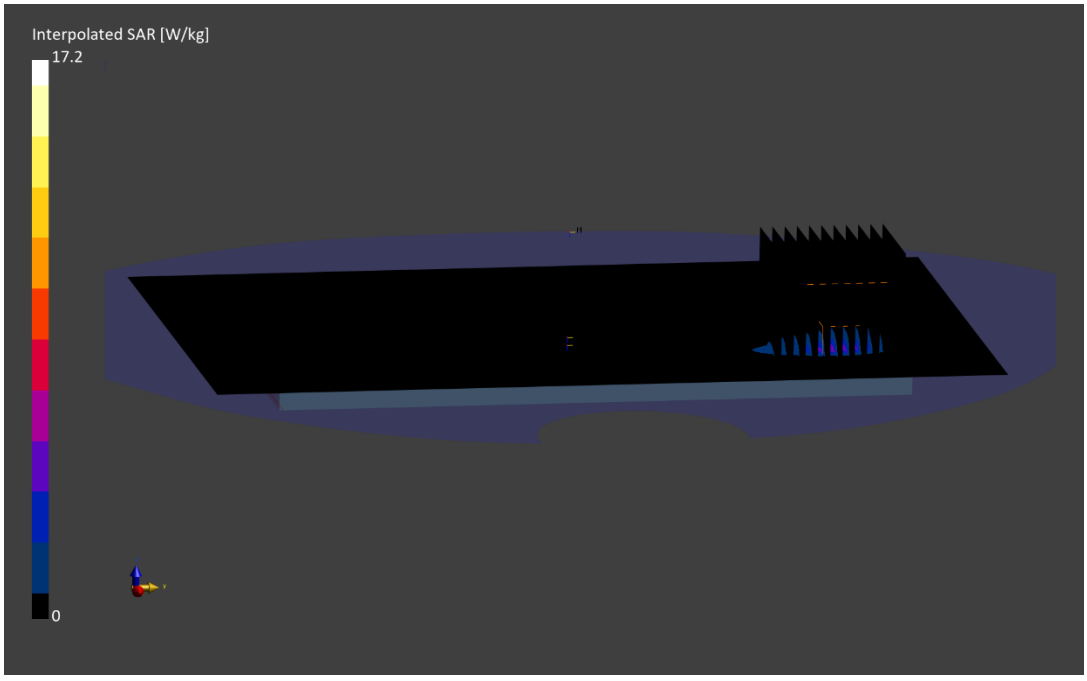
Communication System: UID:10797 - AAD, 5G NR FR1 TDD; MAIA: Y; Frequency: 3625.0 MHz
Medium: 3600 Head; Medium parameters used:
f = 3625.0 MHz; cond = 2.94 S/m; perm = 38.4; density = 1000 kg/m3
Phantom Section: Flat; Space: 0.00 mm

Test Date: 10/23/2023; Ambient Temp: 20.3°C; Tissue Temp: 20.2°C

Probe: EX3DV4 - SN7638; ConvF:(6.99,6.99,6.99); Calibrated: 2023-03-16
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1408; Calibrated: 2023-03-13
Phantom: Twin-SAM V8.0; Serial: 1357
Measurement SW: DASY Module SAR V16.2.0.1425

Mode: NR Band n48, Antenna F, Exp: Phablet| Back Side, Ch. 641666, 40 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 (31.0 x 31.0 x 28.0): Measurement grid: dx=3.1 mm, dy=3.1 mm, dz=1.4 mm; Graded Ratio: 1.5
Reference Value = 6.68 W/kg; Power Drift = 0.06 dB
Peak SAR (extrapolated) = 17.2 W/kg
SAR(10 g) = 1.45 W/kg
Smallest distance from peaks to all points 3 dB below is 3.8 mm
Ratio of SAR at M2 to SAR at M1 = 61.1 %



ELEMENT

DUT: A3LSMA156U; Type: Portable Handset; Serial: 07973

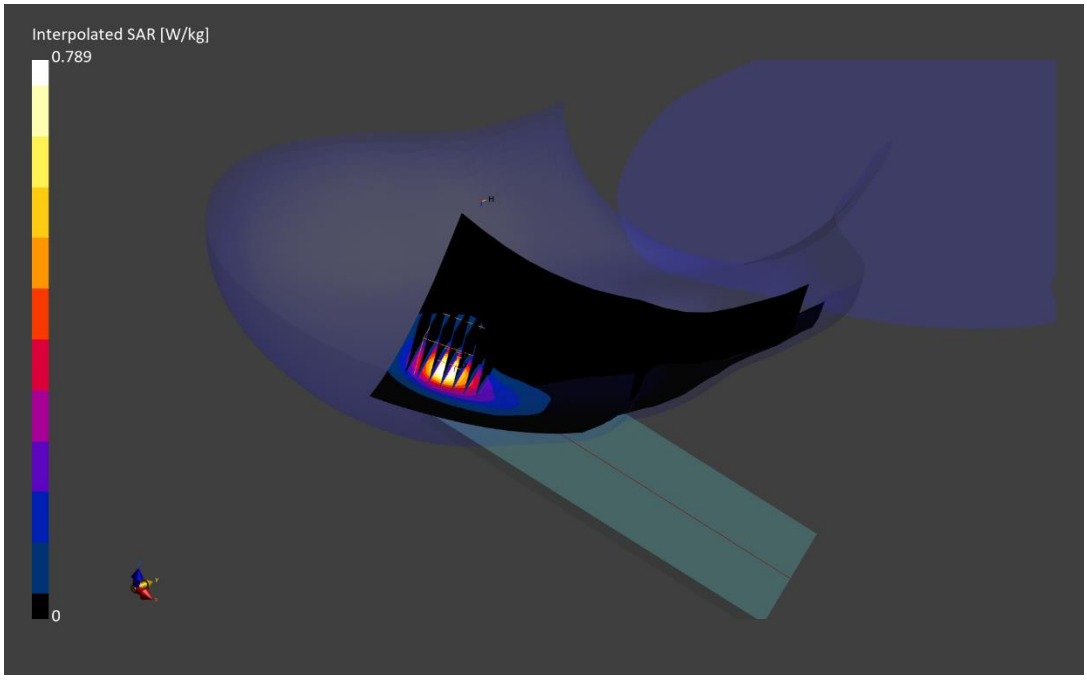
Communication System: UID:0 - -, CW; MAIA: Y; Frequency: 3930.0 MHz
Medium: 3600 Head; Medium parameters used:
f = 3930.0 MHz; cond = 3.23 S/m; perm = 36.9; density = 1000 kg/m3
Phantom Section: RightHead; Space: 0.00 mm

Test Date: 10/11/2023; Ambient Temp: 22.1°C; Tissue Temp: 21.3°C

Probe: EX3DV4 - SN7490; ConvF:(6.6,6.6,6.6); Calibrated: 2022-12-09
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1644; Calibrated: 2022-12-13
Phantom: Twin-SAM V8.0; Serial: 2034
Measurement SW: DASY Module SAR V16.2.0.1425

Mode: NR Band n77, Antenna E, Exp: Head| Right Tilt, Ch. 662000, 100 MHz Bandwidth, CW/SRS

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 = 0.24 W/kg; Power Drift = 0.04 dB
Peak SAR (extrapolated) = 0.789 W/kg
SAR(1 g) = 0.292 W/kg;
Smallest distance from peaks to all points 3 dB below is 9.3 mm
Ratio of SAR at M2 to SAR at M1 = 73.3 %



ELEMENT

DUT: A3LSMA156U; Type: Portable Handset; Serial: 07973

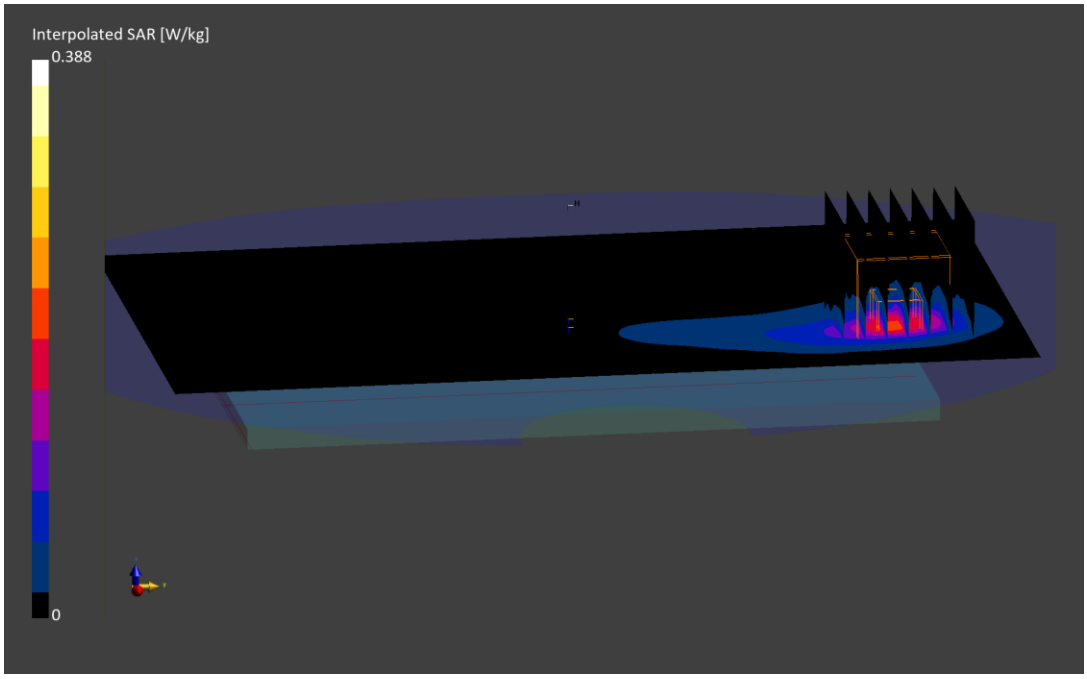
Communication System: UID:10803 - AAD, 5G NR FR1 TDD; MAIA: Y; Frequency: 3500.0 MHz
Medium: 3600 Head; Medium parameters used:
f = 3500.0 MHz; cond = 2.93 S/m; perm = 36.4; density = 1000 kg/m3
Phantom Section: Flat; Space: 10.00 mm

Test Date: 10/09/2023; Ambient Temp: 21.9°C; Tissue Temp: 21.1°C

Probe: EX3DV4 - SN7490; ConvF:(6.9,6.9,6.9); Calibrated: 2022-12-09
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1644; Calibrated: 2022-12-13
Phantom: Twin-SAM V8.0; Serial: 2034
Measurement SW: DASY Module SAR V16.2.0.1425

Mode: NR Band n77 DoD, Antenna F, Exp: Body-worn/Hotspot| Back Side, Ch. 633334, 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 = 0.13 W/kg; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 0.388 W/kg
SAR(1 g) = 0.151 W/kg;
Smallest distance from peaks to all points 3 dB below is 10.3 mm
Ratio of SAR at M2 to SAR at M1 = 73.1 %



ELEMENT

DUT: A3LSMA156U; Type: Portable Handset; Serial: 07973

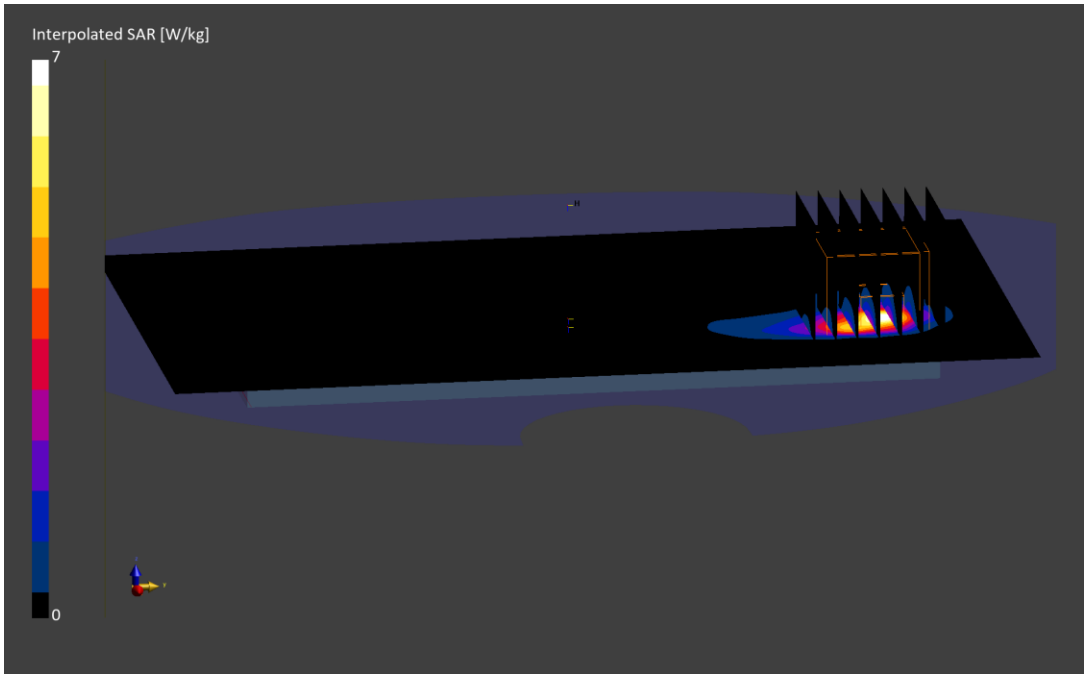
Communication System: UID:10803 - AAD, 5G NR FR1 TDD; MAIA: Y; Frequency: 3500.0 MHz
Medium: 3600 Head; Medium parameters used:
f = 3500.0 MHz; cond = 2.93 S/m; perm = 36.4; density = 1000 kg/m3
Phantom Section: Flat; Space: 0.00 mm

Test Date: 10/09/2023; Ambient Temp: 21.9°C; Tissue Temp: 21.1°C

Probe: EX3DV4 - SN7490; ConvF:(6.9,6.9,6.9); Calibrated: 2022-12-09
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1644; Calibrated: 2022-12-13
Phantom: Twin-SAM V8.0; Serial: 2034
Measurement SW: DASY Module SAR V16.2.0.1425

Mode: NR Band n77 DoD, Antenna F, Exp: Phablet| Back Side, Ch. 633334, 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 = 1.74 W/kg; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 7.00 W/kg
SAR(10 g) = 0.730 W/kg
Smallest distance from peaks to all points 3 dB below is 5.4 mm
Ratio of SAR at M2 to SAR at M1 = 66.4 %



ELEMENT

DUT: A3LSMA156U; Type: Portable Handset; Serial: 02347

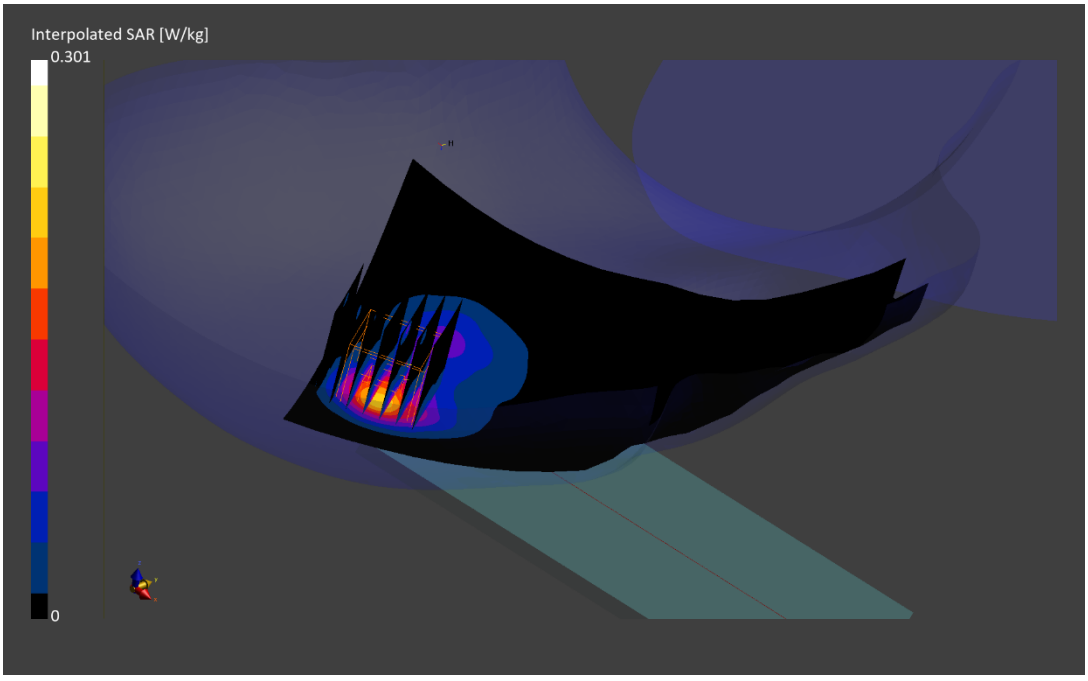
Communication System: UID:10415 - AAA, WLAN; MAIA: Y; Frequency: 2437.0 MHz
Medium: 2450 Head; Medium parameters used:
f = 2437.0 MHz; cond = 1.82 S/m; perm = 38.6; density = 1000 kg/m3
Phantom Section: RightHead; Space: 0.00 mm

Test Date: 10/04/2023; Ambient Temp: 20.7°C; Tissue Temp: 20.1°C

Probe: EX3DV4 - SN7570; ConvF:(7.55,7.55,7.55); 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: 2.4 GHz WIFI/ IEEE 802.11b, Antenna E, 20 MHz Bandwidth, Exp: Head| Right Tilt, Ch. 6, 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 = 0.12 W/kg; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 0.301 W/kg
SAR(1 g) = 0.119 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 = 70.8 %



ELEMENT

DUT: A3LSMA156U; Type: Portable Handset; Serial: 02374

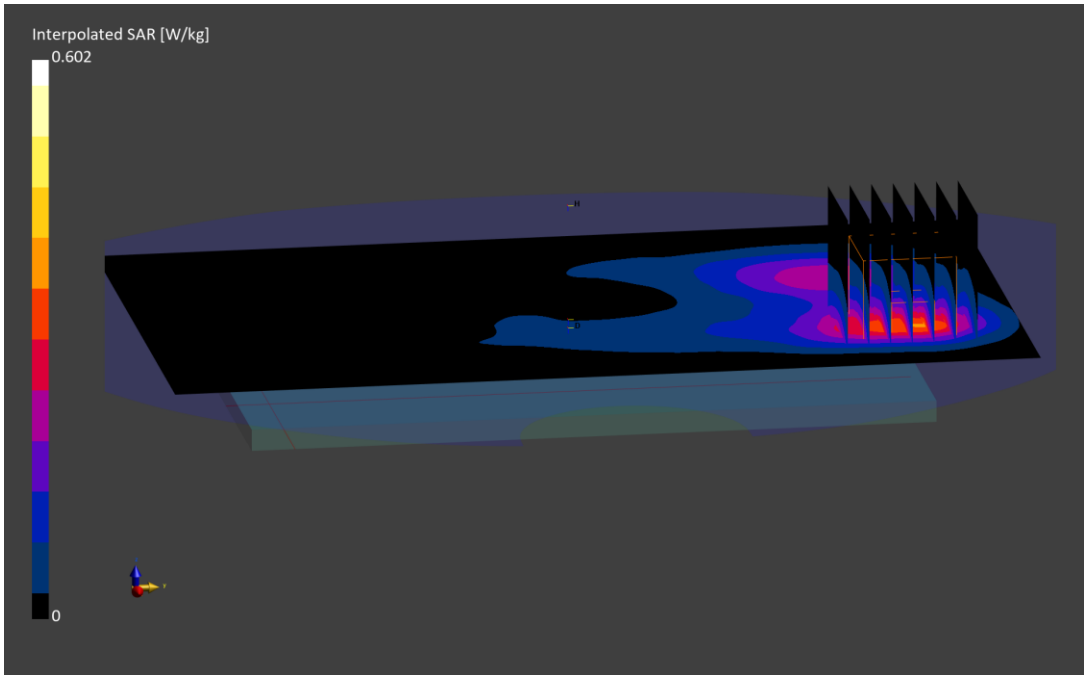
Communication System: UID:10415 - AAA, WLAN; MAIA: Y; Frequency: 2437.0 MHz
Medium: 2450 Head; Medium parameters used:
f = 2437.0 MHz; cond = 1.82 S/m; perm = 38.6; density = 1000 kg/m3
Phantom Section: Flat; Space: 10.00 mm

Test Date: 10/04/2023; Ambient Temp: 20.7°C; Tissue Temp: 20.1°C

Probe: EX3DV4 - SN7570; ConvF:(7.55,7.55,7.55); 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: 2.4 GHz WIFI/ IEEE 802.11b, Antenna E, 20 MHz Bandwidth, Exp: Body-worn/Hotspot| Back Side, Ch. 6, 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 = 0.26 W/kg; Power Drift = -0.08 dB
Peak SAR (extrapolated) = 0.602 W/kg
SAR(1 g) = 0.282 W/kg;
Smallest distance from peaks to all points 3 dB below is 12.0 mm
Ratio of SAR at M2 to SAR at M1 = 74.3 %



ELEMENT

DUT: A3LSMA156U; Type: Portable Handset; Serial: 01768

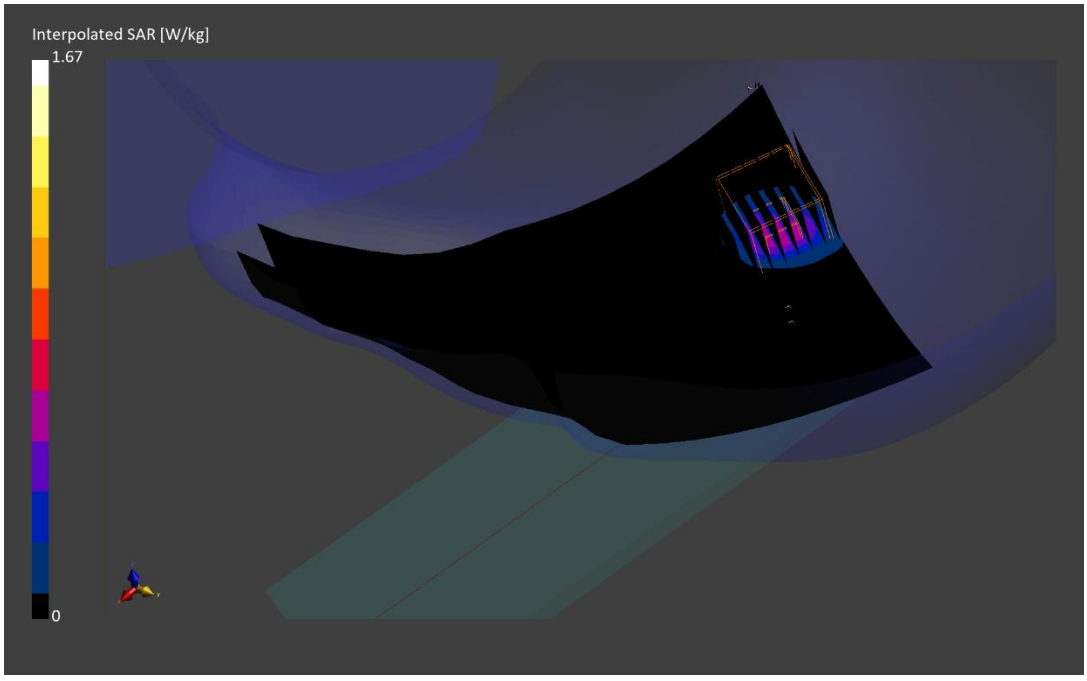
Communication System: UID:10626 - AAC, WLAN; MAIA: Y; Frequency: 5530.0 MHz
Medium: 5200-5800 Head; Medium parameters used:
f = 5530.0 MHz; cond = 4.82 S/m; perm = 34.8; density = 1000 kg/m3
Phantom Section: LeftHead; Space: 0.00 mm

Test Date: 10/10/2023; Ambient Temp: 21.1°C; Tissue Temp: 21.0°C

Probe: EX3DV4 - SN7570; ConvF:(4.84,4.84,4.84); 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 E, 80 MHz Bandwidth, U-NII-2C, Exp: Head| Left Tilt, Ch. 106, 29.3 Mbps

Area Scan (120.0 x 200.0): Measurement grid: dx=10.0 mm, dy=10.0 mm
Zoom Scan (22.0 x 22.0 x 22.0): Measurement grid: dx=4.0 mm, dy=4.0 mm, dz=1.4 mm; Graded Ratio: 1.4
Reference Value = 0.34 W/kg; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 1.67 W/kg
SAR(1 g) = 0.497 W/kg;
Smallest distance from peaks to all points 3 dB below is 8.3 mm
Ratio of SAR at M2 to SAR at M1 = 66.2 %



ELEMENT

DUT: A3LSMA156U; Type: Portable Handset; Serial: 02347

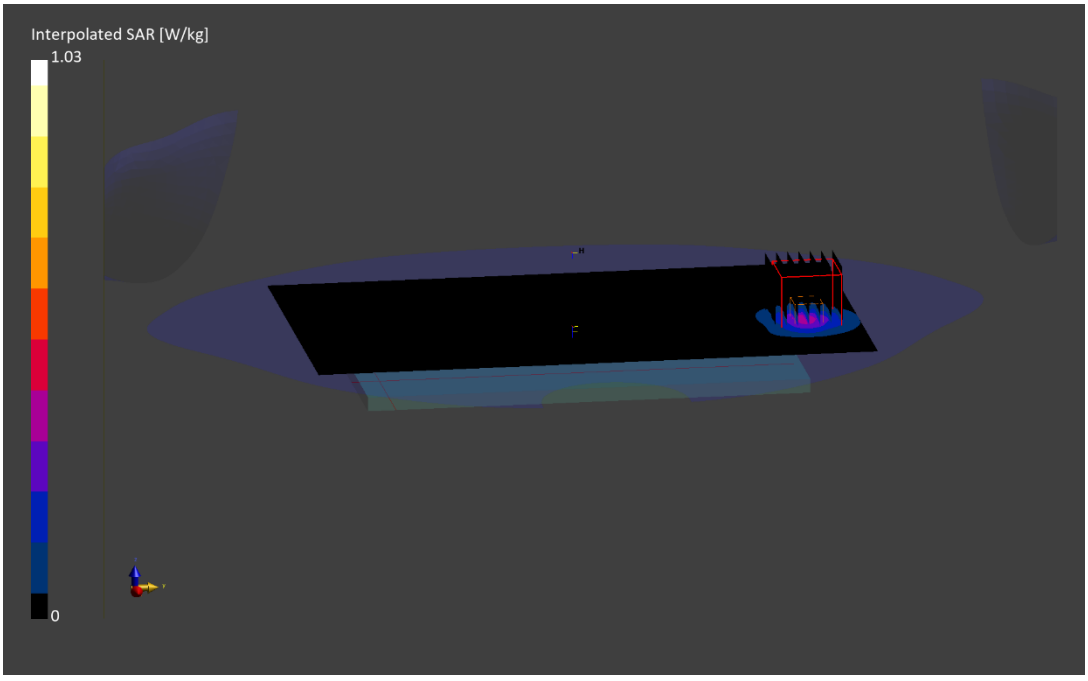
Communication System: UID:10117 - CAD, WLAN; MAIA: Y; Frequency: 5310.0 MHz
Medium: 5200-5800 Head; Medium parameters used:
f = 5310.0 MHz; cond = 4.67 S/m; perm = 35.4; density = 1000 kg/m3
Phantom Section: Flat; Space: 10.00 mm

Test Date: 10/07/2023; Ambient Temp: 21.8°C; Tissue Temp: 21.5°C

Probe: EX3DV4 - SN7417; ConvF:(5.61,5.61,5.61); 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: 5 GHz WIFI/ IEEE 802.11n, Antenna E, 40 MHz Bandwidth, U-NII-2A, Exp: Body-worn/Hotspot| Back Side, Ch. 62, 13.5 Mbps

Area Scan (120.0 x 200.0): Measurement grid: dx=10.0 mm, dy=10.0 mm
Zoom Scan (24.0 x 24.0 x 22.0): Measurement grid: dx=4.0 mm, dy=4.0 mm, dz=1.4 mm; Graded Ratio: 1.4
Reference Value = 0.19 W/kg; Power Drift = 0.05 dB
Peak SAR (extrapolated) = 1.03 W/kg
SAR(1 g) = 0.294 W/kg;
Smallest distance from peaks to all points 3 dB below is 9.6 mm
Ratio of SAR at M2 to SAR at M1 = 64.6 %



ELEMENT

DUT: A3LSMA156U; Type: Portable Handset; Serial: 02347

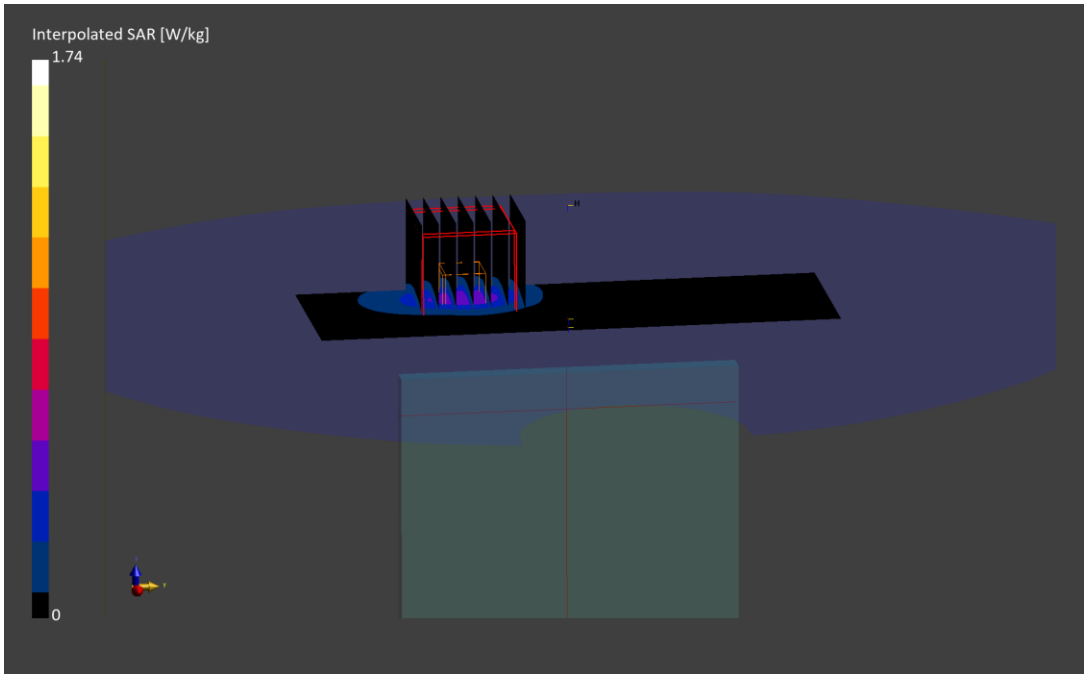
Communication System: UID:10117 - CAD, WLAN; MAIA: Y; Frequency: 5795.0 MHz
Medium: 5200-5800 Head; Medium parameters used:
f = 5795.0 MHz; cond = 5.23 S/m; perm = 34.6; density = 1000 kg/m3
Phantom Section: Flat; Space: 10.00 mm

Test Date: 10/07/2023; Ambient Temp: 21.8°C; Tissue Temp: 21.5°C

Probe: EX3DV4 - SN7417; ConvF:(5.13,5.13,5.13); 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: 5 GHz WIFI/ IEEE 802.11n, Antenna E, 40 MHz Bandwidth, U-NII-3, Exp: Hotspot| Top Edge, Ch. 159, 13.5 Mbps

Area Scan (40.0 x 120.0): Measurement grid: dx=5.0 mm, dy=10.0 mm
Zoom Scan (24.0 x 24.0 x 22.0): Measurement grid: dx=4.0 mm, dy=4.0 mm, dz=1.4 mm; Graded Ratio: 1.4
Reference Value = 0.23 W/kg; Power Drift = 0.00 dB
Peak SAR (extrapolated) = 1.74 W/kg
SAR(1 g) = 0.432 W/kg;
Smallest distance from peaks to all points 3 dB below is 10.4 mm
Ratio of SAR at M2 to SAR at M1 = 59.3 %



ELEMENT

DUT: A3LSMA156U; Type: Portable Handset; Serial: 02347

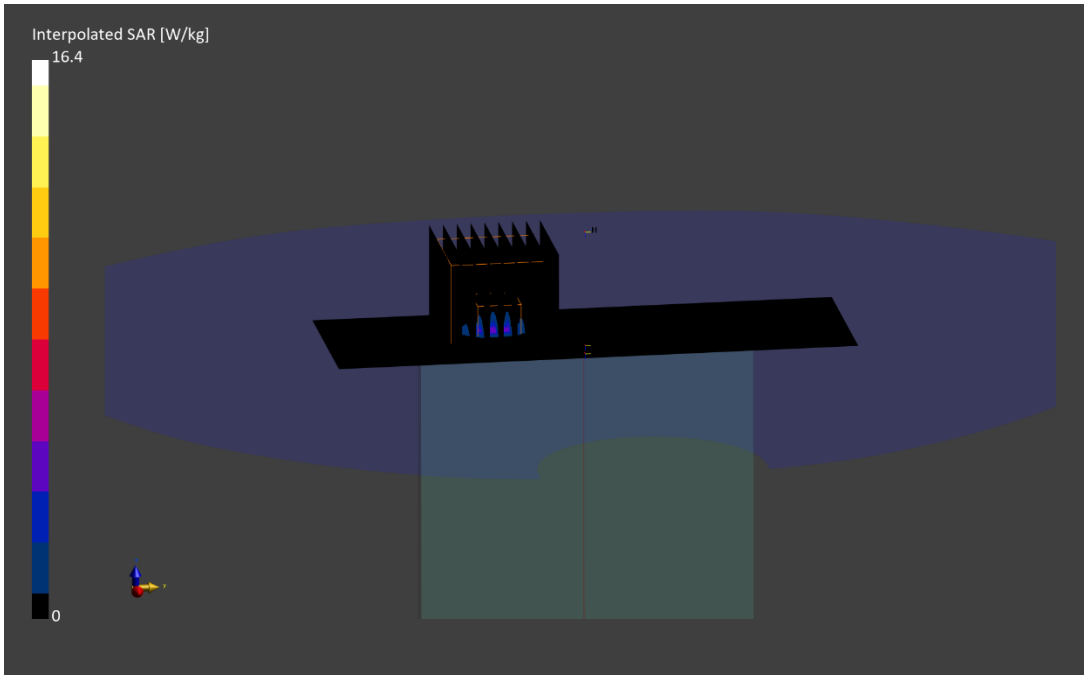
Communication System: UID:10117 - CAD, WLAN; MAIA: Y; Frequency: 5310.0 MHz
Medium: 5200-5800 Head; Medium parameters used:
f = 5310.0 MHz; cond = 4.67 S/m; perm = 35.4; density = 1000 kg/m3
Phantom Section: Flat; Space: 0.00 mm

Test Date: 10/07/2023; Ambient Temp: 21.8°C; Tissue Temp: 21.5°C

Probe: EX3DV4 - SN7417; ConvF:(5.61,5.61,5.61); 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: 5 GHz WIFI/ IEEE 802.11n, Antenna E, 40 MHz Bandwidth, U-NII-2A, Exp: Phablet| Top Edge, Ch. 62, 13.5 Mbps

Area Scan (40.0 x 120.0): Measurement grid: dx=5.0 mm, dy=10.0 mm
Zoom Scan (25.6 x 25.6 x 22.0): Measurement grid: dx=3.2 mm, dy=3.2 mm, dz=1.4 mm; Graded Ratio: 1.4
Reference Value = 1.73 W/kg; Power Drift = -0.02 dB
Peak SAR (extrapolated) = 16.4 W/kg
SAR(10 g) = 0.551 W/kg
Smallest distance from peaks to all points 3 dB below is 3.9 mm
Ratio of SAR at M2 to SAR at M1 = 57.6 %



ELEMENT

DUT: A3LSMA156U; Type: Portable Handset; Serial: 02057

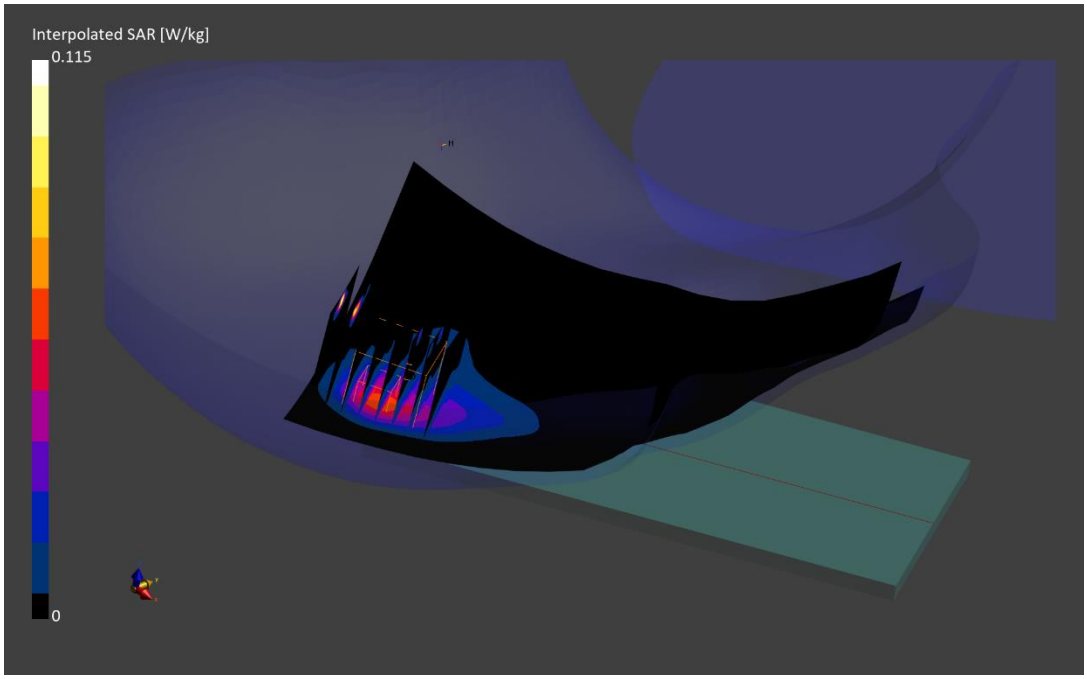
Communication System: UID:10032 - CAA, Bluetooth; MAIA: Y; Frequency: 2402.0 MHz
Medium: 2450 Head; Medium parameters used:
f = 2402.0 MHz; cond = 1.77 S/m; perm = 39.0; density = 1000 kg/m3
Phantom Section: RightHead; Space: 0.00 mm

Test Date: 10/11/2023; Ambient Temp: 22.7°C; Tissue Temp: 21.5°C

Probe: EX3DV4 - SN7409; ConvF:(7.44,7.44,7.44); 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: 2.4 GHz Bluetooth, Antenna E, Exp: Head| Right Cheek, Ch. 0, 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 = 0.04 W/kg; Power Drift = 0.05 dB
Peak SAR (extrapolated) = 0.115 W/kg
SAR(1 g) = 0.050 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 = 76.2 %



ELEMENT

DUT: A3LSMA156U; Type: Portable Handset; Serial: 02057

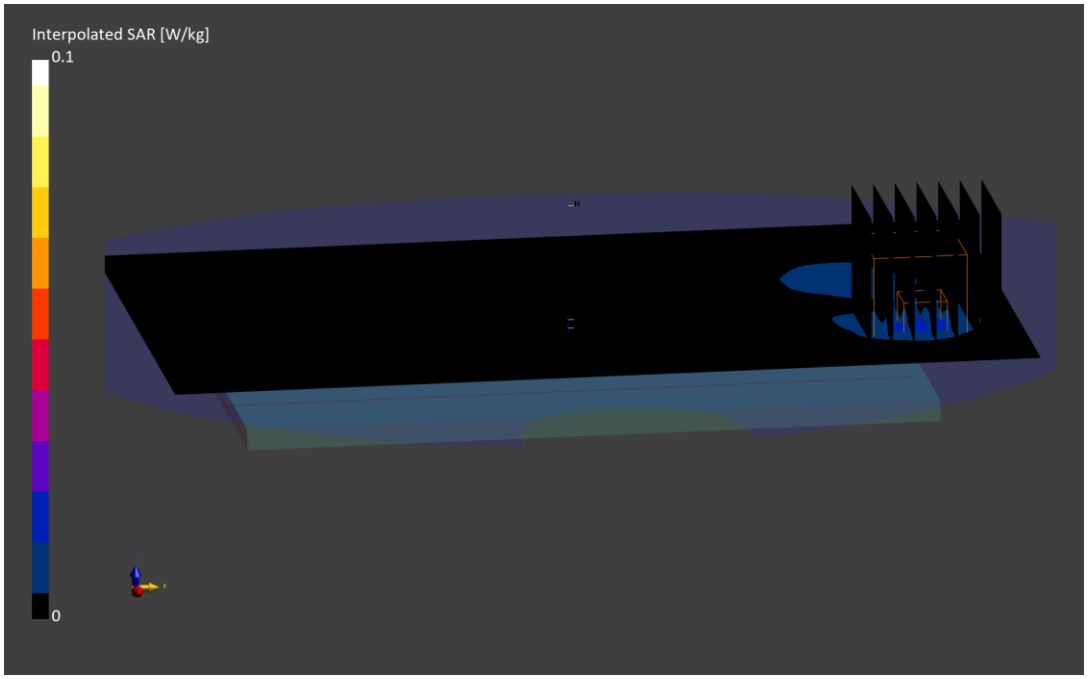
Communication System: UID:10032 - CAA, Bluetooth; MAIA: Y; Frequency: 2402.0 MHz
Medium: 2450 Head; Medium parameters used:
f = 2402.0 MHz; cond = 1.77 S/m; perm = 39.0; density = 1000 kg/m3
Phantom Section: Flat; Space: 10.00 mm

Test Date: 10/11/2023; Ambient Temp: 22.7°C; Tissue Temp: 21.5°C

Probe: EX3DV4 - SN7409; ConvF:(7.44,7.44,7.44); 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: 2.4 GHz Bluetooth, Antenna E, Exp: Body-worn/Hotspot| Back Side, Ch. 0, 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 = -0.05 dB
Peak SAR (extrapolated) = 0.026 W/kg
SAR(1 g) = 0.012 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 = 79.7 %



ELEMENT

DUT: A3LSMA156U; Type: Portable Handset; Serial: 02347

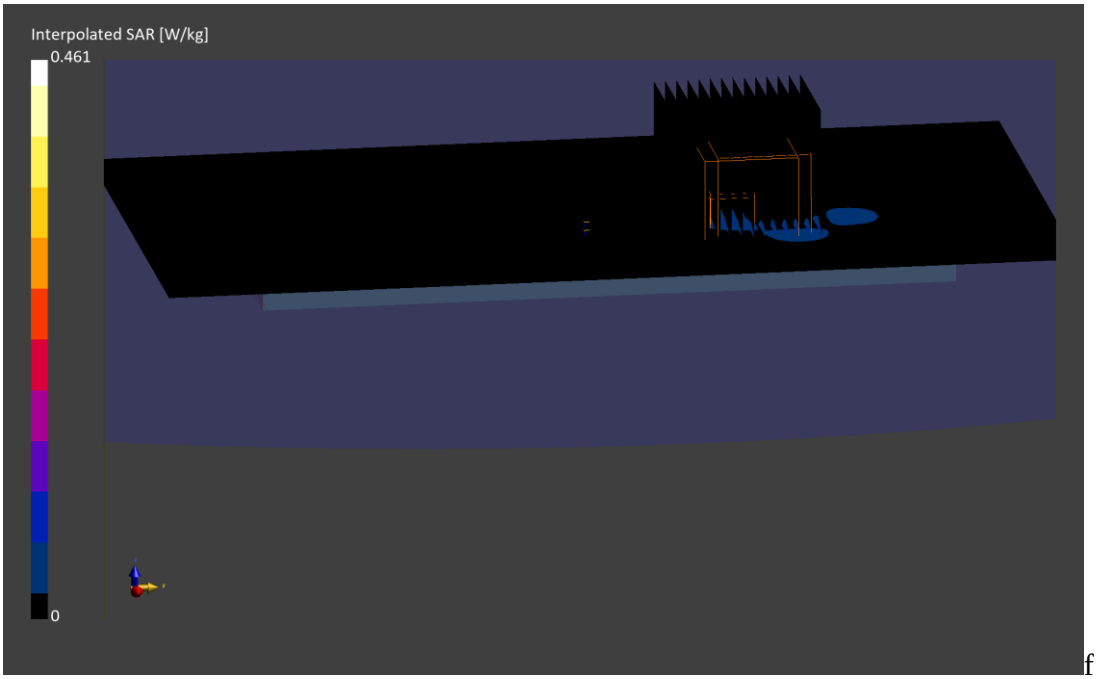
Communication System: UID:0 - -, CW; MAIA: Y; Frequency: 13.6 MHz
Medium: 30 Head; Medium parameters used:
f = 13.6 MHz; cond = 0.726 S/m; perm = 53.3; density = 1000 kg/m3
Phantom Section: Flat; Space: 0.00 mm

Test Date: 10/14/2023; Ambient Temp: 22.5°C; Tissue Temp: 22.5°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; Serial: 2077
Measurement SW: DASY Module SAR V16.2.0.1425

Mode: NFC, Phablet SAR, Back Side

Area Scan (120.0 x 210.0): Measurement grid: dx=15.0 mm, dy=15.0 mm
Zoom Scan (30.0 x 30.0 x 30.0): Measurement grid: dx=2.6 mm, dy=2.6 mm, dz=1.2 mm; Graded Ratio: 1.2
Reference Value = 0.06 W/kg; Power Drift = 0.07 dB
Peak SAR (extrapolated) = 0.461 W/kg
SAR(10 g) = 0.025 W/kg
Smallest distance from peaks to all points 3 dB below is 3.7 mm
Ratio of SAR at M2 to SAR at M1 = 52.7 %



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