APPENDIX A: SAR TEST PLOTS

ELEMENT

DUT: PY7-84558E; Type: Portable Handset; Serial: 02946

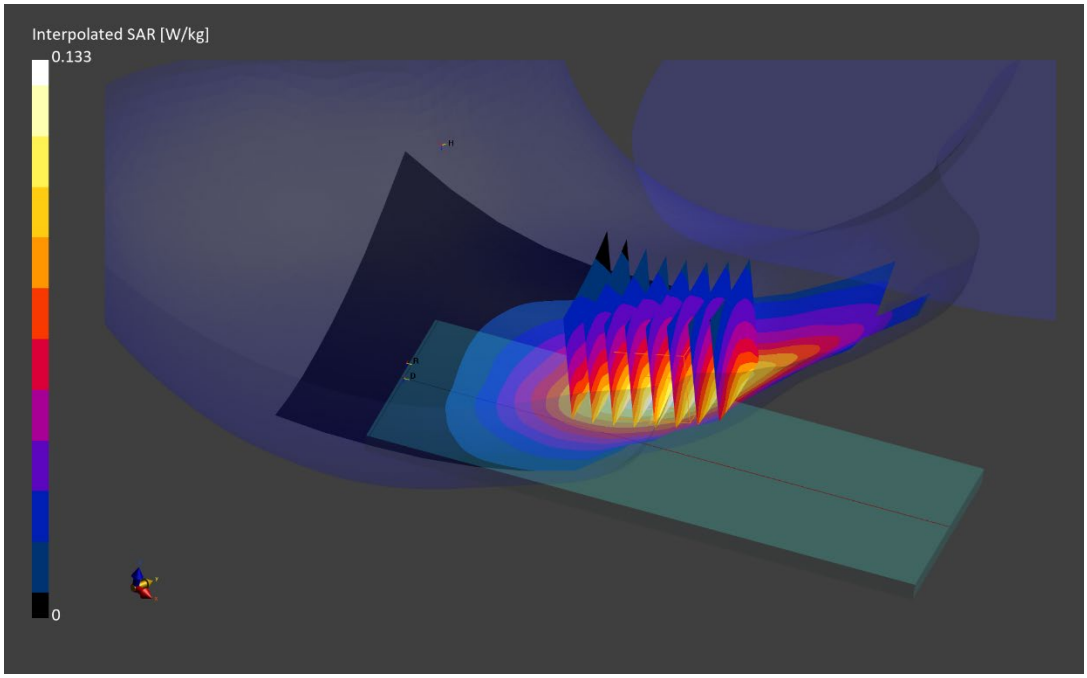
Communication System: UID:10021 - DAC, GSM; MAIA: Y; Frequency: 836.6 MHz
Medium: 835 Head; Medium parameters used:
f = 836.6 MHz; cond = 0.892 S/m; perm = 40.8; density = 1000 kg/m3
Phantom Section: RightHead; Space: 0.00 mm

Test Date: 03/07/2023; Ambient Temp: 22.0°C; Tissue Temp: 20.1°C

Probe: EX3DV4 - SN7406; ConvF:(9.86,9.86,9.86); Calibrated: 2022-07-18
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1677; Calibrated: 2022-07-18
Phantom: Twin-SAM V8.0; Serial: 2064
Measurement SW: DASY Module SAR V16.2.0.1425

Mode: GSM 850, Right Head, Cheek, Mid Ch.

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 = 0.11 W/kg; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 0.133 W/kg
SAR(1 g) = 0.106 W/kg
Smallest distance from peaks to all points 3 dB below is 20.9 mm
Ratio of SAR at M2 to SAR at M1 = 92.0 %



ELEMENT

DUT: PY7-84558E; Type: Portable Handset; Serial: 02946

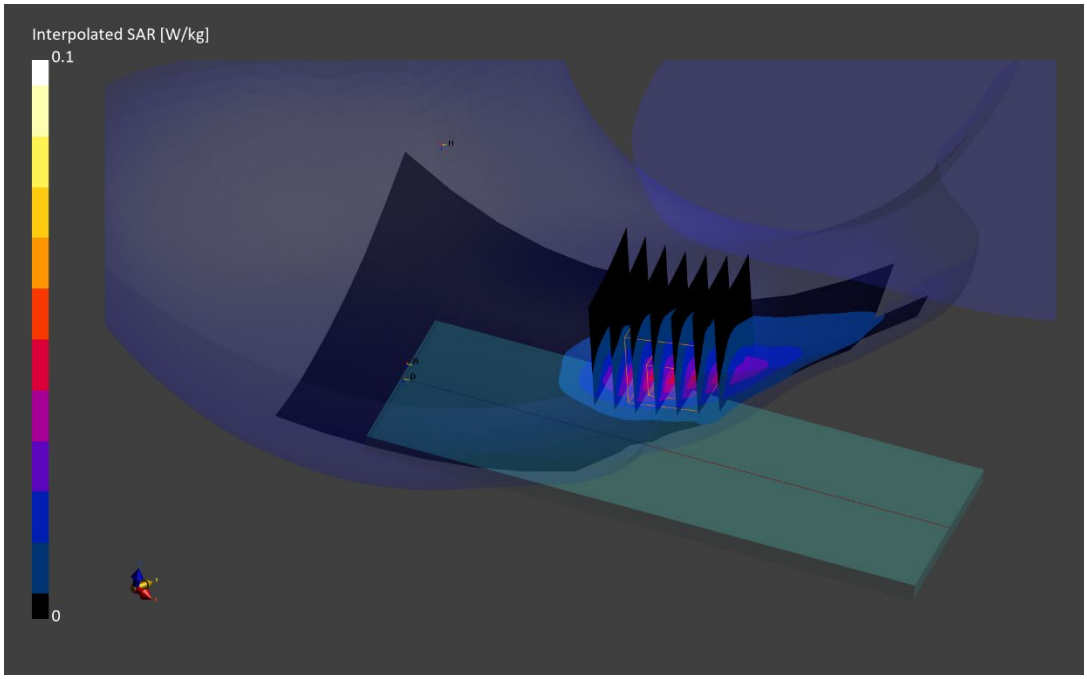
Communication System: UID:10021 - DAC, GSM; MAIA: Y; Frequency: 1850.2 MHz
Medium: 1900 Head; Medium parameters used:
f = 1850.2 MHz; cond = 1.37 S/m; perm = 40.9; density = 1000 kg/m3
Phantom Section: RightHead; Space: 0.00 mm

Test Date: 03/15/2023; Ambient Temp: 19.1°C; Tissue Temp: 19.4°C

Probe: EX3DV4 - SN7713; ConvF:(8.68,8.68,8.68); Calibrated: 2023-01-11
Sensor-Surface: 1.4mm (All points)
Electronics: DAE4 Sn1530; Calibrated: 2023-01-18
Phantom: Twin-SAM V8.0; Serial: 2065
Measurement SW: DASY Module SAR V16.2.0.1425

Mode: GSM 1900, Right Head, Cheek, Low Ch.

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 = 0.04 W/kg; Power Drift = -0.03 dB
Peak SAR (extrapolated) = 0.057 W/kg
SAR(1 g) = 0.037 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 = 85.9 %



ELEMENT

DUT: PY7-84558E; Type: Portable Handset; Serial: 02946

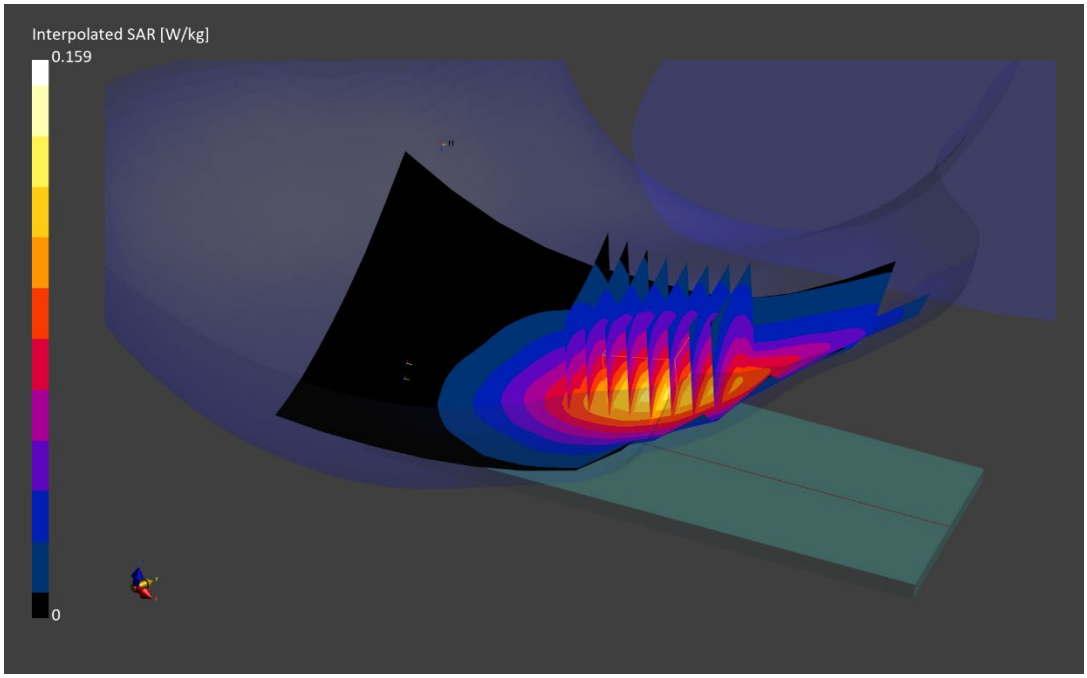
Communication System: UID:10011 - CAB, WCDMA; MAIA: Y; Frequency: 846.6 MHz
Medium: 835 Head; Medium parameters used:
f = 846.6 MHz; cond = 0.896 S/m; perm = 40.7; density = 1000 kg/m3
Phantom Section: RightHead; Space: 0.00 mm

Test Date: 03/07/2023; Ambient Temp: 22.0°C; Tissue Temp: 20.1°C

Probe: EX3DV4 - SN7406; ConvF:(9.86,9.86,9.86); Calibrated: 2022-07-18
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1677; Calibrated: 2022-07-18
Phantom: Twin-SAM V8.0; Serial: 2064
Measurement SW: DASY Module SAR V16.2.0.1425

Mode: UMTS 850, Right Head, Cheek, High Ch.

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 = -0.09 dB
Peak SAR (extrapolated) = 0.159 W/kg
SAR(1 g) = 0.118 W/kg
Smallest distance from peaks to all points 3 dB below is 20.6 mm
Ratio of SAR at M2 to SAR at M1 = 91.3 %



ELEMENT

DUT: PY7-84558E; Type: Portable Handset; Serial: 02946

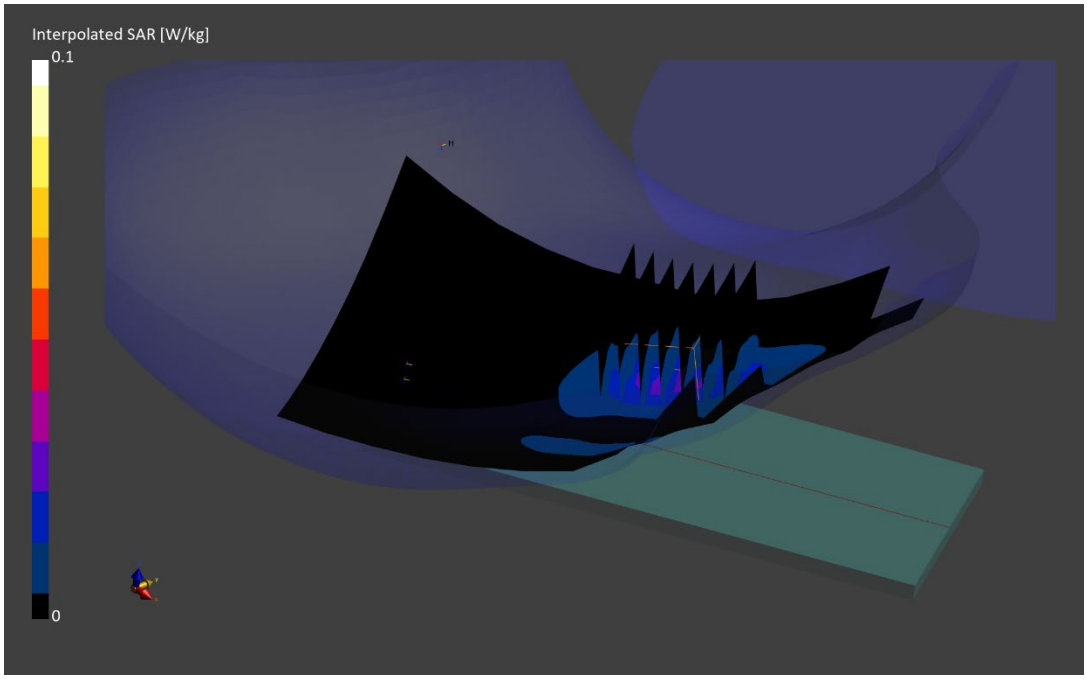
Communication System: UID:10011 - CAB, WCDMA; MAIA: Y; Frequency: 1732.4 MHz
Medium: 1750 Head; Medium parameters used:
f = 1732.4 MHz; cond = 1.39 S/m; perm = 40.5; density = 1000 kg/m3
Phantom Section: RightHead; Space: 0.00 mm

Test Date: 03/16/2023; Ambient Temp: 22.3°C; Tissue Temp: 21.3°C

Probe: EX3DV4 - SN7659; ConvF:(9.43,9.43,9.43); Calibrated: 2022-04-20
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1407; Calibrated: 2022-04-13
Phantom: Twin-SAM V5.0; Serial: 1873
Measurement SW: DASY Module SAR V16.2.0.1425

Mode: UMTS 1750, Right Head, Cheek, Mid Ch.

Area Scan (120.0 x 210.0): Measurement grid: dx=15.0 mm, dy=15.0 mm
Zoom Scan (30.0 x 30.0 x 30.0): Measurement grid: dx=6.0 mm, dy=6.0 mm, dz=1.5 mm; Graded Ratio: 1.5
Reference Value = 0.02 W/kg; Power Drift = 0.14 dB
Peak SAR (extrapolated) = 0.042 W/kg
SAR(1 g) = 0.027 W/kg
Smallest distance from peaks to all points 3 dB below is 12.2 mm
Ratio of SAR at M2 to SAR at M1 = 91.2 %



ELEMENT

DUT: PY7-84558E; Type: Portable Handset; Serial: 02144

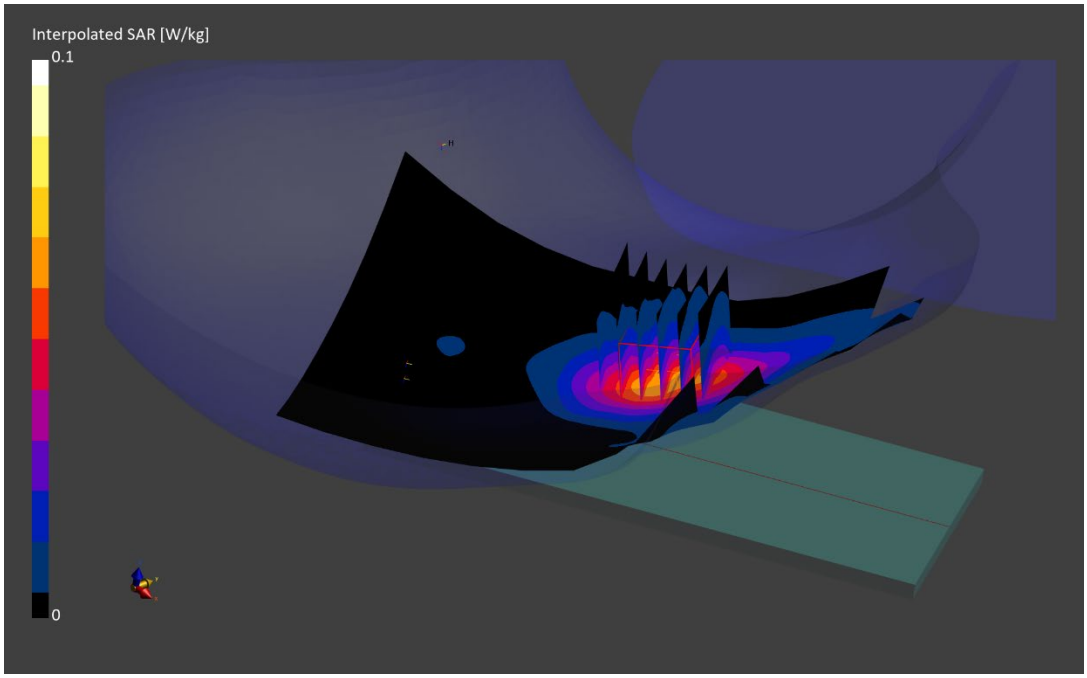
Communication System: UID:10011 - CAB, WCDMA; MAIA: Y; Frequency: 1880.0 MHz
Medium: 1900 Head; Medium parameters used:
f = 1880.0 MHz; cond = 1.40 S/m; perm = 40.2; density = 1000 kg/m3
Phantom Section: RightHead; Space: 0.00 mm

Test Date: 03/10/2023; Ambient Temp: 21.4°C; Tissue Temp: 19.3°C

Probe: EX3DV4 - SN7409; ConvF:(8.13,8.13,8.13); Calibrated: 2022-06-16
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1334; Calibrated: 2022-06-14
Phantom: Twin-SAM V5.0; Serial: 1792
Measurement SW: DASY Module SAR V16.2.0.1425

Mode: UMTS 1900, Right Head, Cheek, Mid Ch.

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 = 0.06 W/kg; Power Drift = 0.06 dB
Peak SAR (extrapolated) = 0.087 W/kg
SAR(1 g) = 0.059 W/k
Smallest distance from peaks to all points 3 dB below is 12.2 mm
Ratio of SAR at M2 to SAR at M1 = 91.9 %



ELEMENT

DUT: PY7-84558E; Type: Portable Handset; Serial: 02946

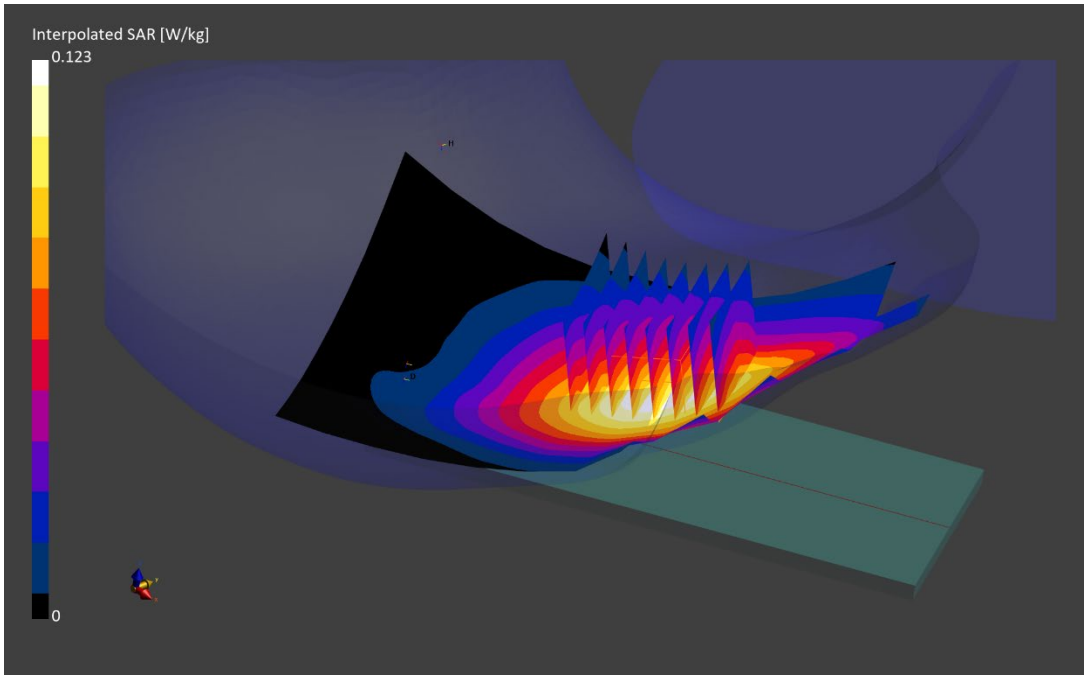
Communication System: UID:10169 - CAE, LTE-FDD; MAIA: Y; Frequency: 680.5 MHz
Medium: 750 Head; Medium parameters used:
f = 680.5 MHz; cond = 0.841 S/m; perm = 41.3; density = 1000 kg/m3
Phantom Section: RightHead; Space: 0.00 mm

Test Date: 03/09/2023; Ambient Temp: 22.3°C; Tissue Temp: 21.6°C

Probe: EX3DV4 - SN7406; ConvF:(10.13,10.13,10.13); Calibrated: 2022-07-18
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1677; Calibrated: 2022-07-18
Phantom: Twin-SAM V8.0; Serial: 2064
Measurement SW: DASY Module SAR V16.2.0.1425

Mode: LTE Band 71, Main 2 Antenna, Right Head, Cheek, Mid Ch., 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 = 0.10 W/kg; Power Drift = -0.03 dB
Peak SAR (extrapolated) = 0.123 W/kg
SAR(1 g) = 0.098 W/kg
Smallest distance from peaks to all points 3 dB below is 24.1 mm
Ratio of SAR at M2 to SAR at M1 = 94.1 %



ELEMENT

DUT: PY7-84558E; Type: Portable Handset; Serial: 02169

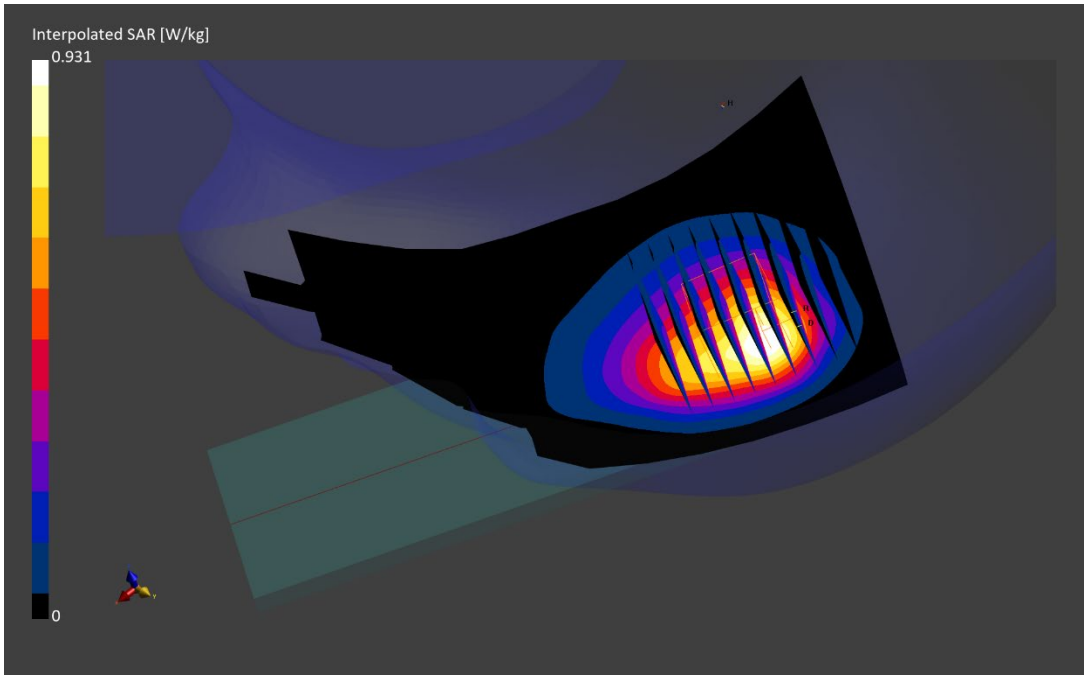
Communication System: UID:10154 - CAG, LTE-FDD; MAIA: Y; Frequency: 707.5 MHz
Medium: 750 Head; Medium parameters used:
f = 707.5 MHz; cond = 0.847 S/m; perm = 41.2; density = 1000 kg/m3
Phantom Section: LeftHead; Space: 0.00 mm

Test Date: 03/09/2023; Ambient Temp: 22.3°C; Tissue Temp: 21.6°C

Probe: EX3DV4 - SN7406; ConvF:(10.13,10.13,10.13); Calibrated: 2022-07-18
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1677; Calibrated: 2022-07-18
Phantom: Twin-SAM V8.0; Serial: 2064
Measurement SW: DASY Module SAR V16.2.0.1425

Mode: LTE Band 12, Sub Antenna, Left Head, Cheek, Mid Ch, 10 MHz Bandwidth, QPSK, 25 RB, 25 RB Offset

Area Scan (120.0 x 210.0): Measurement grid: dx=15.0 mm, dy=15.0 mm
Zoom Scan (30.0 x 30.0 x 30.0): Measurement grid: dx=6.0 mm, dy=6.0 mm, dz=1.5 mm; Graded Ratio: 1.5
Reference Value = 0.43 W/kg; Power Drift = 0.00 dB
Peak SAR (extrapolated) = 0.931 W/kg
SAR(1 g) = 0.439 W/kg
Smallest distance from peaks to all points 3 dB below is 6.1 mm
Ratio of SAR at M2 to SAR at M1 = 71.1 %



ELEMENT

DUT: PY7-84558E; Type: Portable Handset; Serial: 02169

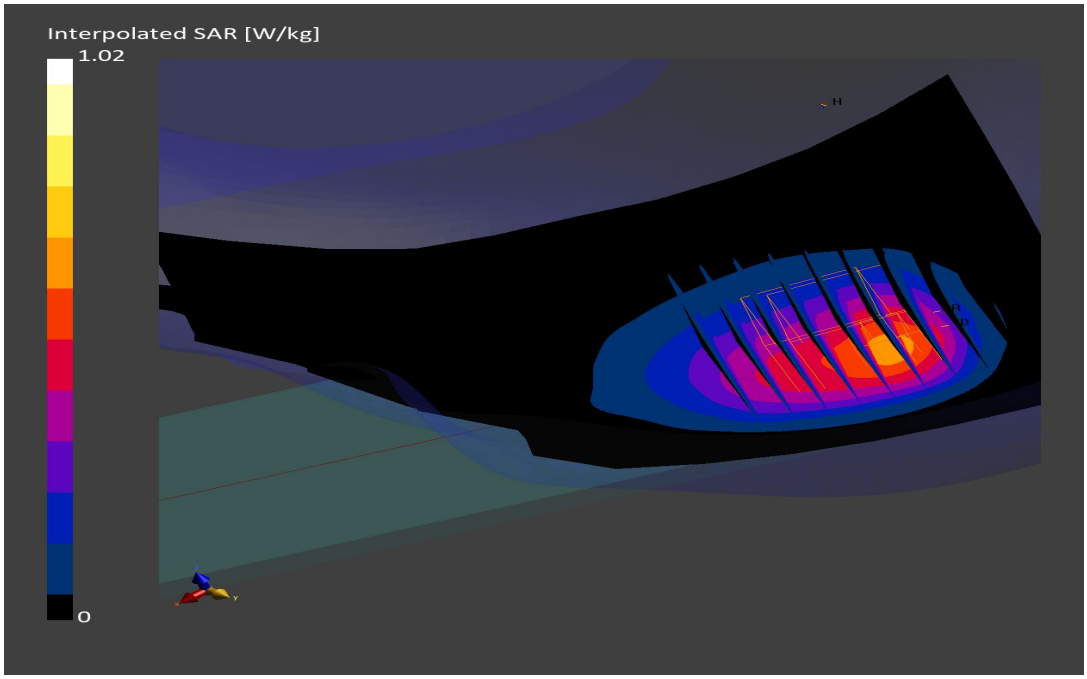
Communication System: UID:10175 - CAG, LTE-FDD; MAIA: Y; Frequency: 782.0 MHz
Medium: 750 Head; Medium parameters used:
f = 782.0 MHz; cond = 0.930 S/m; perm = 41.8; density = 1000 kg/m3
Phantom Section: LeftHead; Space: 0.00 mm

Test Date: 03/20/2023; Ambient Temp: 22.3°C; Tissue Temp: 21.9°C

Probe: EX3DV4 - SN7659; ConvF:(10.93,10.93,10.93); Calibrated: 2022-04-20
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1407; Calibrated: 2022-04-13
Phantom: Twin-SAM V5.0; Serial: 1873
Measurement SW: DASY Module SAR V16.2.0.1425

Mode: LTE Band 13, Sub Antenna, Left Head, Cheek, Mid Ch, 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 = 0.47 W/kg; Power Drift = 0.00 dB
Peak SAR (extrapolated) = 1.03 W/kg
SAR(1 g) = 0.504 W/kg
Smallest distance from peaks to all points 3 dB below is 7.1 mm
Ratio of SAR at M2 to SAR at M1 = 72.0 %



ELEMENT

DUT: PY7-84558E; Type: Portable Handset; Serial: 02169

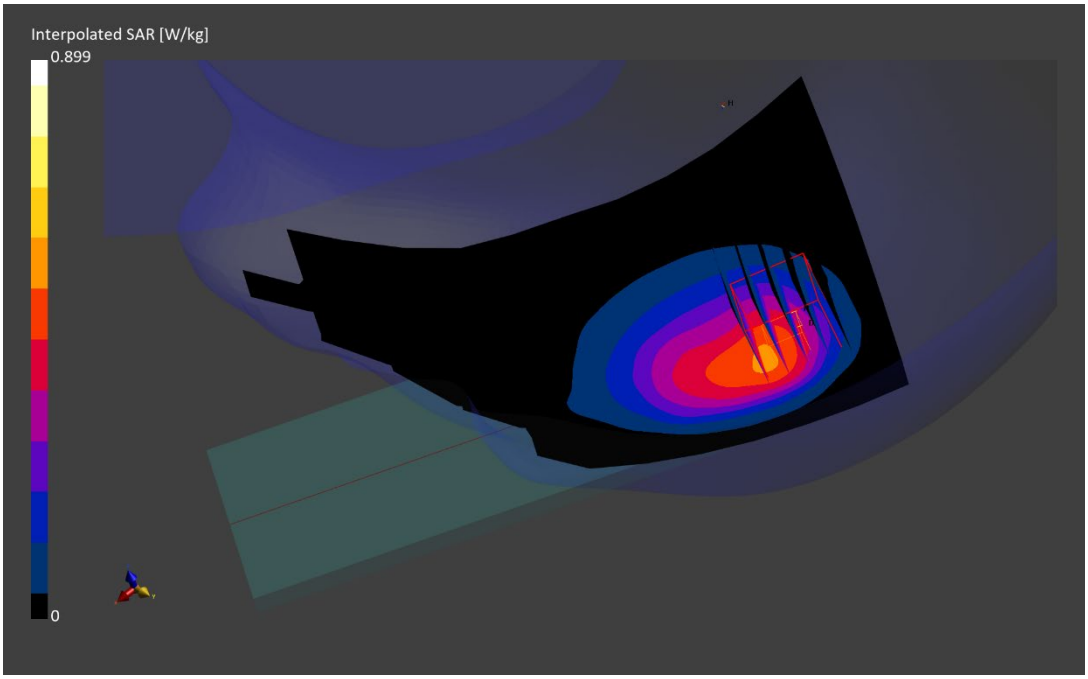
Communication System: UID:10175 - CAG, LTE-FDD; MAIA: Y; Frequency: 836.5 MHz
Medium: 835 Head; Medium parameters used:
f = 836.5 MHz; cond = 0.870 S/m; perm = 42.6; density = 1000 kg/m3
Phantom Section: LeftHead; Space: 0.00 mm

Test Date: 03/14/2023; Ambient Temp: 19.6°C; Tissue Temp: 19.8°C

Probe: EX3DV4 - SN7410; ConvF:(9.6,9.6,9.6); Calibrated: 2022-07-19
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1583; Calibrated: 2022-07-18
Phantom: Twin-SAM V8.0; Serial: 1630
Measurement SW: DASY Module SAR V16.2.0.1425

Mode: LTE Band 5, Sub Antenna, Left Head, Cheek, Mid Ch, 10 MHz Bandwidth, QPSK, 1 RB, 25 RB Offset

Area Scan (120.0 x 210.0): Measurement grid: dx=15.0 mm, dy=15.0 mm
Zoom Scan (30.0 x 30.0 x 30.0): Measurement grid: dx=6.0 mm, dy=6.0 mm, dz=1.5 mm; Graded Ratio: 1.5
Reference Value = 0.47 W/kg; Power Drift = 0.00 dB
Peak SAR (extrapolated) = 0.899 W/kg
SAR(1 g) = 0.461 W/kg
Smallest distance from peaks to all points 3 dB below is 8.5 mm
Ratio of SAR at M2 to SAR at M1 = 76.9 %



ELEMENT

DUT: PY7-84558E; Type: Portable Handset; Serial: 02185

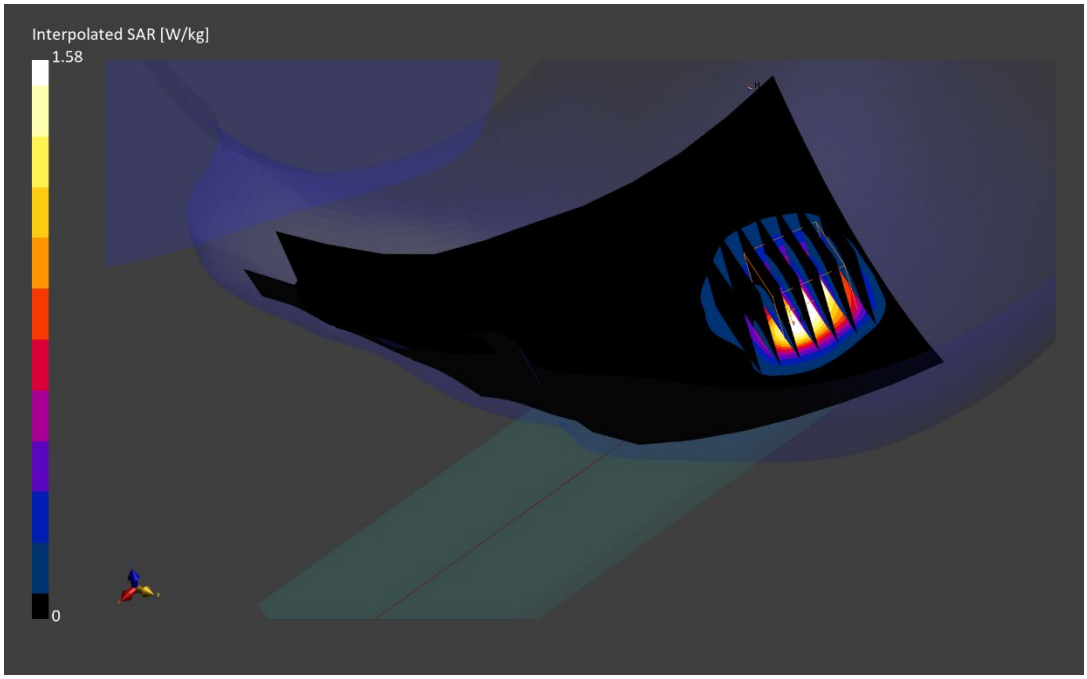
Communication System: UID:10297 - AAD, LTE-FDD; MAIA: Y; Frequency: 1745.0 MHz
Medium: 1750 Head; Medium parameters used:
f = 1745.0 MHz; cond = 1.31 S/m; perm = 41.4; density = 1000 kg/m3
Phantom Section: LeftHead; Space: 0.00 mm

Test Date: 03/13/2023; Ambient Temp: 19.1°C; Tissue Temp: 19.0°C

Probe: EX3DV4 - SN7409; ConvF:(8.33,8.33,8.33); Calibrated: 2022-06-16
Sensor-Surface: 1.4mm (All points)
Electronics: DAE4 Sn1334; Calibrated: 2022-06-14
Phantom: Twin-SAM V5.0; Serial: 1792
Measurement SW: DASY Module SAR V16.2.0.1425

Mode: LTE Band 66 (AWS), Sub Antenna, Left Head, Tilt, Mid Ch., 20 MHz Bandwidth, QPSK, 50 RB, 50 RB Offset

Area Scan (120.0 x 210.0): Measurement grid: dx=15.0 mm, dy=15.0 mm
Zoom Scan (30.0 x 30.0 x 30.0): Measurement grid: dx=5.7 mm, dy=5.7 mm, dz=1.5 mm; Graded Ratio: 1.5
Reference Value = 0.68 W/kg; Power Drift = -0.03 dB
Peak SAR (extrapolated) = 1.58 W/kg
SAR(1 g) = 0.759 W/kg
Smallest distance from peaks to all points 3 dB below is 6.9 mm
Ratio of SAR at M2 to SAR at M1 = 77.8 %



ELEMENT

DUT: PY7-84558E; Type: Portable Handset; Serial: 02946

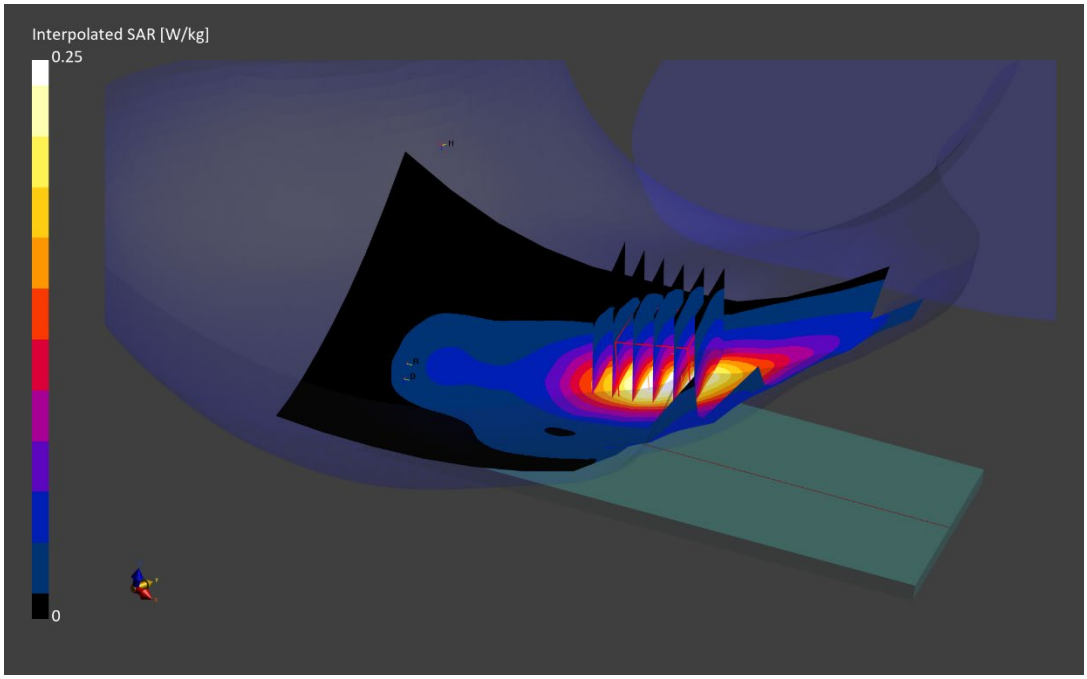
Communication System: UID:10169 - CAE, LTE-FDD; MAIA: Y; Frequency: 1860.0 MHz
Medium: 1900 Head; Medium parameters used:
f = 1860.0 MHz; cond = 1.39 S/m; perm = 40.2; density = 1000 kg/m3
Phantom Section: RightHead; Space: 0.00 mm

Test Date: 03/10/2023; Ambient Temp: 21.4°C; Tissue Temp: 19.3°C

Probe: EX3DV4 - SN7409; ConvF:(8.13,8.13,8.13); Calibrated: 2022-06-16
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1334; Calibrated: 2022-06-14
Phantom: Twin-SAM V5.0; Serial: 1792
Measurement SW: DASY Module SAR V16.2.0.1425

Mode: LTE Band 25, Main 2 Antenna, Right Head, Cheek, Low Ch
20 MHz Bandwidth, QPSK, 1 RB, 0 RB Offset

Area Scan (120.0 x 210.0): Measurement grid: dx=15.0 mm, dy=15.0 mm
Zoom Scan (30.0 x 30.0 x 30.0): Measurement grid: dx=6.0 mm, dy=6.0 mm, dz=1.5 mm; Graded Ratio: 1.5
Reference Value = 0.16 W/kg; Power Drift = 0.05 dB
Peak SAR (extrapolated) = 0.250 W/kg
SAR(1 g) = 0.165 W/kg
Smallest distance from peaks to all points 3 dB below is 13.4 mm
Ratio of SAR at M2 to SAR at M1 = 89.6 %



ELEMENT

DUT: PY7-84558E; Type: Portable Handset; Serial: 02185

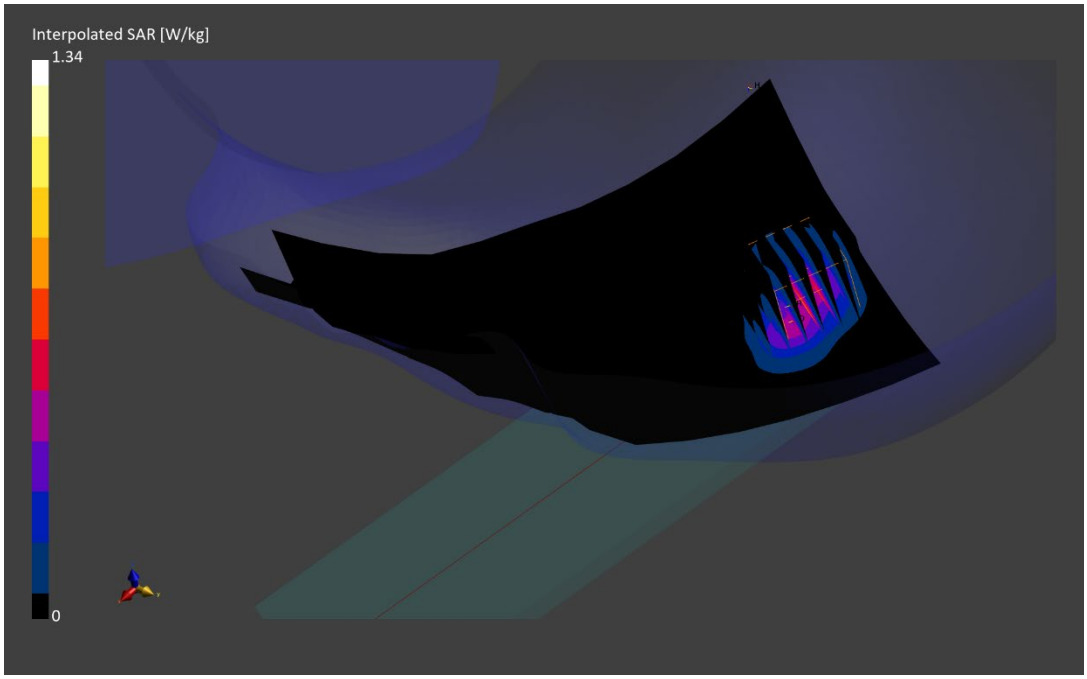
Communication System: UID:10297 - AAD, LTE-FDD; MAIA: Y; Frequency: 1860.0 MHz
Medium: 1900 Head; Medium parameters used:
f = 1860.0 MHz; cond = 1.38 S/m; perm = 41.3; density = 1000 kg/m3
Phantom Section: LeftHead; Space: 0.00 mm

Test Date: 03/13/2023; Ambient Temp: 19.1°C; Tissue Temp: 19.0°C

Probe: EX3DV4 - SN7409; ConvF:(8.13,8.13,8.13); Calibrated: 2022-06-16
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1334; Calibrated: 2022-06-14
Phantom: Twin-SAM V5.0; Serial: 1792
Measurement SW: DASY Module SAR V16.2.0.1425

Mode: LTE Band 2, Sub Antenna, Left Head, Tilt, Low Ch, 20 MHz Bandwidth, QPSK, 50 RB, 25 RB Offset

Area Scan (120.0 x 210.0): Measurement grid: dx=15.0 mm, dy=15.0 mm
Zoom Scan (30.0 x 30.0 x 30.0): Measurement grid: dx=5.2 mm, dy=5.2 mm, dz=1.5 mm; Graded Ratio: 1.5
Reference Value = 0.55 W/kg; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 1.34 W/kg
SAR(1 g) = 0.642 W/kg
Smallest distance from peaks to all points 3 dB below is 7.0 mm
Ratio of SAR at M2 to SAR at M1 = 79.8 %



ELEMENT

DUT: PY7-84558E; Type: Portable Handset; Serial: 02185

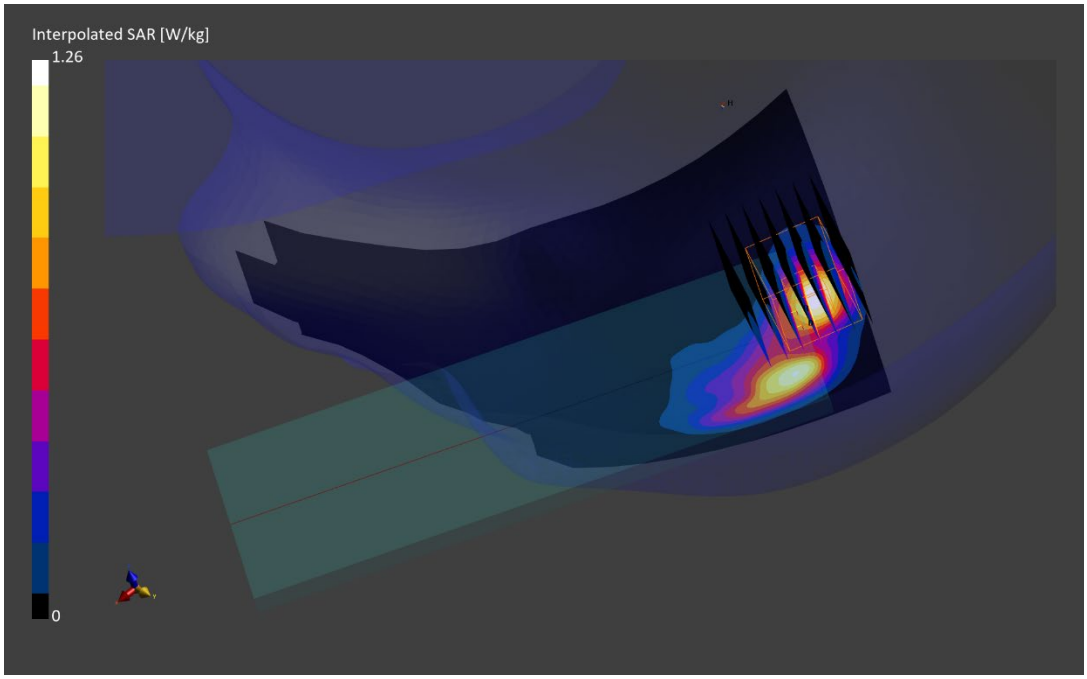
Communication System: UID:10175 - CAG, LTE-FDD; MAIA: Y; Frequency: 2310.0 MHz
Medium: 2450 Head; Medium parameters used:
f = 2310.0 MHz; cond = 1.69 S/m; perm = 40.6; density = 1000 kg/m3
Phantom Section: LeftHead; Space: 0.00 mm

Test Date: 03/13/2023; Ambient Temp: 19.1°C; Tissue Temp: 19.0°C

Probe: EX3DV4 - SN7409; ConvF:(7.52,7.52,7.52); Calibrated: 2022-06-16
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1334; Calibrated: 2022-06-14
Phantom: Twin-SAM V5.0; Serial: 1792
Measurement SW: DASY Module SAR V16.2.0.1425

Mode: LTE Band 30, Sub Antenna, Left Head, Cheek, Mid Ch., 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 = 0.48 W/kg; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 1.26 W/kg
SAR(1 g) = 0.534 W/kg
Smallest distance from peaks to all points 3 dB below is 6.1 mm
Ratio of SAR at M2 to SAR at M1 = 77.5 %



ELEMENT

DUT: PY7-84558E; Type: Portable Handset; Serial: 02946

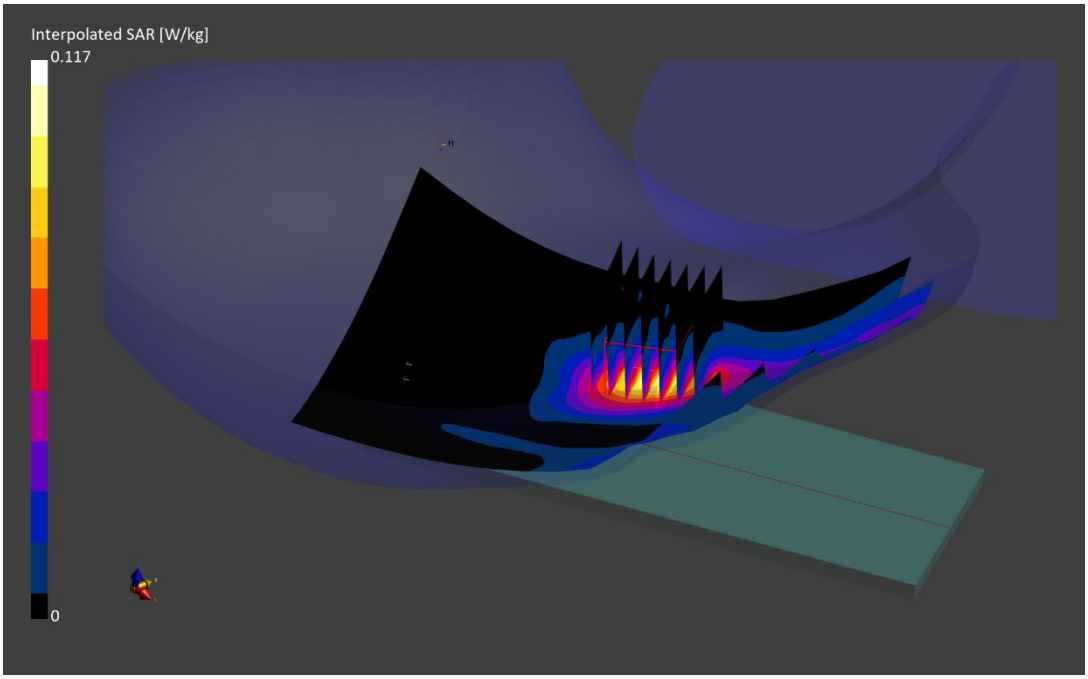
Communication System: UID:10435 - AAF, LTE-TDD; MAIA: Y; Frequency: 2680.0 MHz
Medium: 2450 Head; Medium parameters used:
f = 2680.0 MHz; cond = 1.97 S/m; perm = 38.6; density = 1000 kg/m3
Phantom Section: RightHead; Space: 0.00 mm

Test Date: 03/06/2023; Ambient Temp: 21.7°C; Tissue Temp: 20.5°C

Probe: EX3DV4 - SN7410; ConvF:(7.33,7.33,7.33); Calibrated: 2022-07-19
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1583; Calibrated: 2022-07-18
Phantom: Twin-SAM V8.0; Serial: 1630
Measurement SW: DASY Module SAR V16.2.0.1425

Mode: LTE Band 41, Main 2 Antenna, Right Head, Cheek, High Ch., 20 MHz Bandwidth, QPSK, 1 RB, 99 RB Offset

Area Scan (120.0 x 200.0): Measurement grid: dx=10.0 mm, dy=10.0 mm
Zoom Scan (30.0 x 30.0 x 30.0): Measurement grid: dx=5.0 mm, dy=5.0 mm, dz=1.5 mm; Graded Ratio: 1.5
Reference Value = 0.08 W/kg; Power Drift = 0.13 dB
Peak SAR (extrapolated) = 0.117 W/kg
SAR(1 g) = 0.070 W/kg
Smallest distance from peaks to all points 3 dB below is 9.5 mm
Ratio of SAR at M2 to SAR at M1 = 85.2 %



ELEMENT

DUT: PY7-84558E; Type: Portable Handset; Serial: 02169

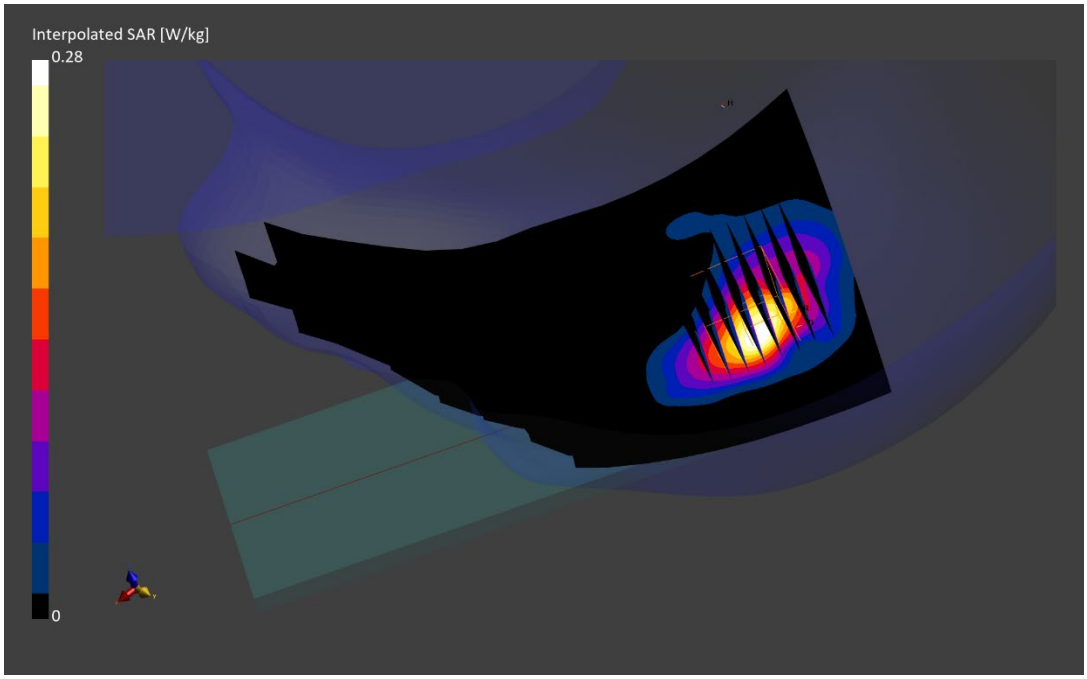
Communication System: UID:10494 - AAF, LTE-TDD; MAIA: Y; Frequency: 3690.0 MHz
Medium: 3600 Head; Medium parameters used:
f = 3690.0 MHz; cond = 3.07 S/m; perm = 37.9; density = 1000 kg/m3
Phantom Section: LeftHead; Space: 0.00 mm

Test Date: 03/20/2023; Ambient Temp: 21.7°C; Tissue Temp: 19.0°C

Probe: EX3DV4 - SN7406; ConvF:(7.02,7.02,7.02); Calibrated: 2022-07-18
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1677; Calibrated: 2022-07-18
Phantom: Twin-SAM V8.0; Serial: 2064
Measurement SW: DASY Module SAR V16.2.0.1425

Mode: LTE Band 48, Sub-UHB Antenna, Right Head, Tilt, High Ch., 20 MHz Bandwidth, QPSK, 50 RB, 50 RB Offset

Area Scan (120.0 x 200.0): Measurement grid: dx=10.0 mm, dy=10.0 mm
Zoom Scan (28.0 x 28.0 x 28.0): Measurement grid: dx=5.0 mm, dy=5.0 mm, dz=1.4 mm; Graded Ratio: 1.5
Reference Value = 0.08 W/kg; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 0.280 W/kg
SAR(1 g) = 0.109 W/kg
Smallest distance from peaks to all points 3 dB below is 7.1 mm
Ratio of SAR at M2 to SAR at M1 = 74.6 %



ELEMENT

DUT: PY7-84558E; Type: Portable Handset; Serial: 02920

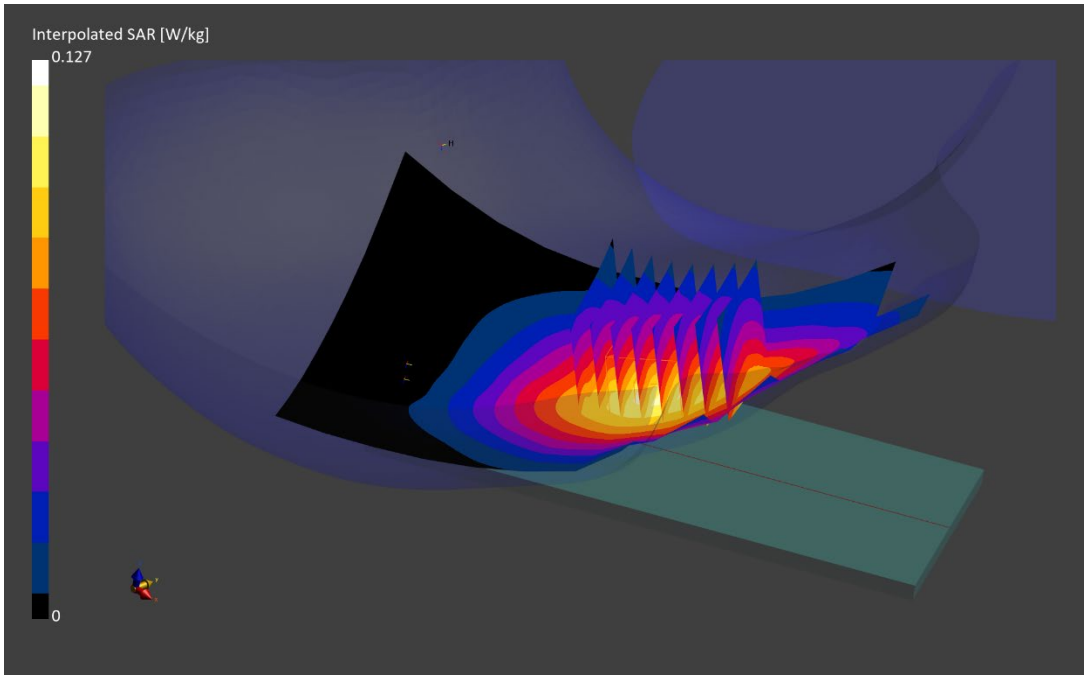
Communication System: UID:10939 - AAC, 5G NR FR1 FDD; MAIA: Y; Frequency: 680.5 MHz
Medium: 750 Head; Medium parameters used:
f = 680.5 MHz; cond = 0.841 S/m; perm = 41.3; density = 1000 kg/m3
Phantom Section: RightHead; Space: 0.00 mm

Test Date: 03/09/2023; Ambient Temp: 22.3°C; Tissue Temp: 21.6°C

Probe: EX3DV4 - SN7406; ConvF:(10.13,10.13,10.13); Calibrated: 2022-07-18
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1677; Calibrated: 2022-07-18
Phantom: Twin-SAM V8.0; Serial: 2064
Measurement SW: DASY Module SAR V16.2.0.1425

Mode: NR Band n71, Main 1 Antenna, Right Head, Cheek, Ch. 136100, 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 = 0.10 W/kg; Power Drift = 0.07 dB
Peak SAR (extrapolated) = 0.127 W/kg
SAR(1 g) = 0.102 W/kg
Smallest distance from peaks to all points 3 dB below is 21.4 mm
Ratio of SAR at M2 to SAR at M1 = 92.8 %



ELEMENT

DUT: PY7-84558E; Type: Portable Handset; Serial: 002805

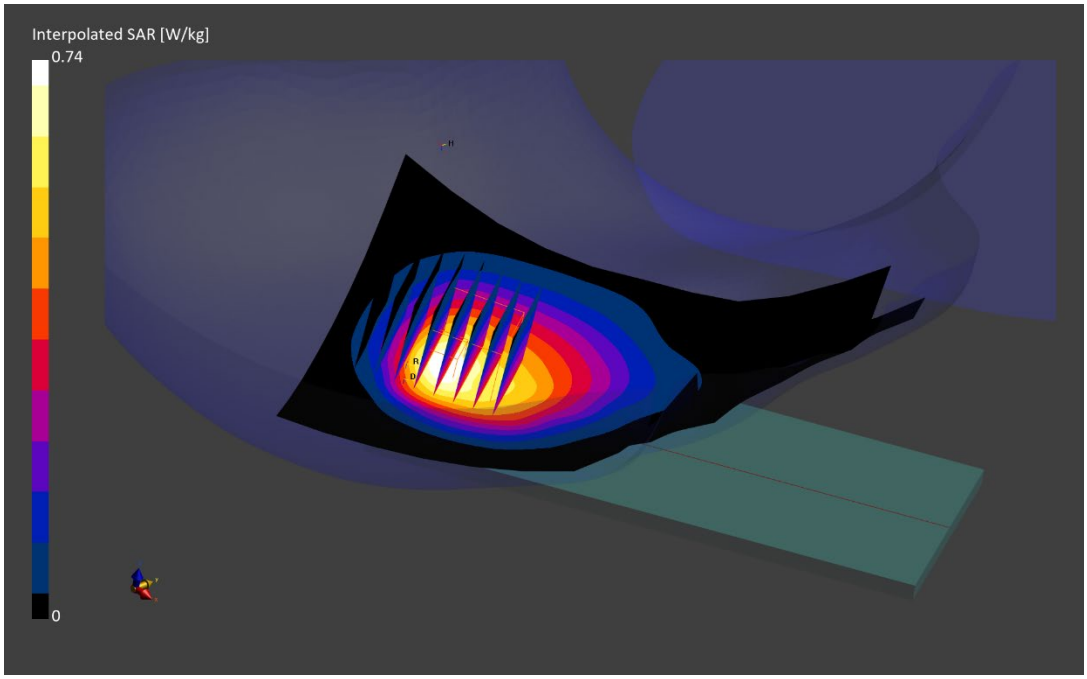
Communication System: UID:10939 - AAC, 5G NR FR1 FDD; MAIA: Y; Frequency: 836.5 MHz
Medium: 835 Head; Medium parameters used:
f = 836.5 MHz; cond = 0.934 S/m; perm = 40.0; density = 1000 kg/m3
Phantom Section: RightHead; Space: 0.00 mm

Test Date: 03/10/2023; Ambient Temp: 22.2°C; Tissue Temp: 21.8°C

Probe: EX3DV4 - SN7639; ConvF:(10.75,10.75,10.75); Calibrated: 2022-11-14
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1646; Calibrated: 2022-11-10
Phantom: Twin-SAM V8.0; Serial: 1936
Measurement SW: DASY Module SAR V16.2.0.1425

Mode: NR Band n5, Sub Antenna, Right Head, Cheek, Ch. 167300, 20 MHz Bandwidth, DFT-s-OFDM QPSK, 50 RB, 28 RB Offset

Area Scan (120.0 x 210.0): Measurement grid: dx=15.0 mm, dy=15.0 mm
Zoom Scan (30.0 x 30.0 x 30.0): Measurement grid: dx=6.0 mm, dy=6.0 mm, dz=1.5 mm; Graded Ratio: 1.5
Reference Value = 0.38 W/kg; Power Drift = 0.00 dB
Peak SAR (extrapolated) = 0.740 W/kg
SAR(1 g) = 0.405 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 = 83.8 %



ELEMENT

DUT: PY7-84558E; Type: Portable Handset; Serial: 02920

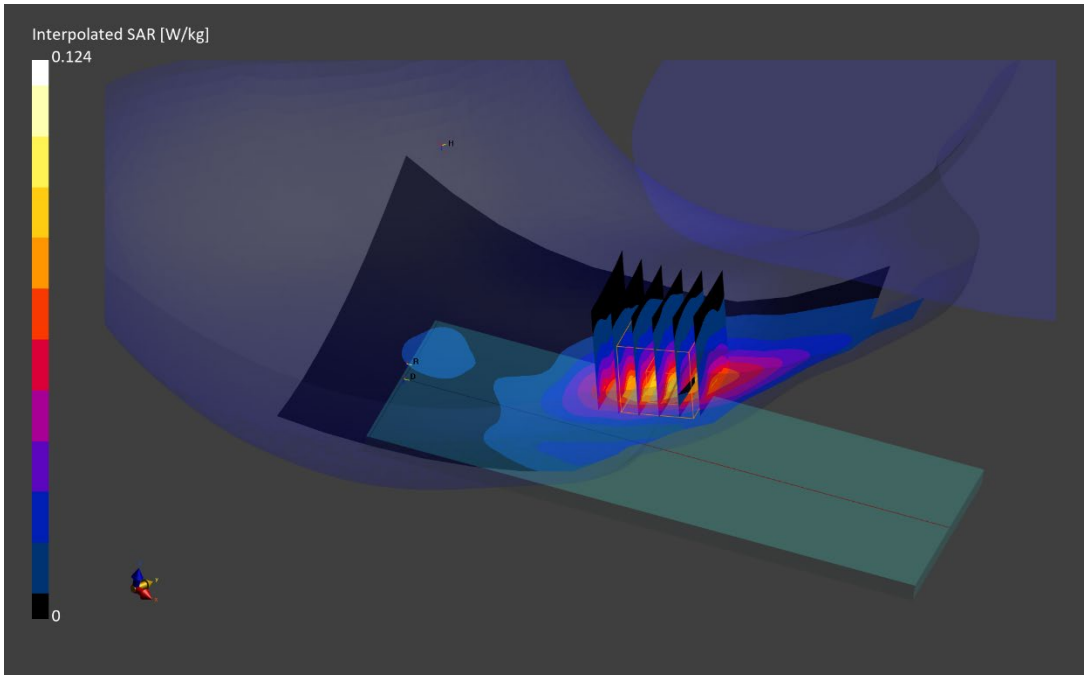
Communication System: UID:10939 - AAC, 5G NR FR1 FDD; MAIA: Y; Frequency: 1745.0 MHz
Medium: 1750 Head; Medium parameters used:
f = 1745.0 MHz; cond = 1.39 S/m; perm = 40.4; density = 1000 kg/m3
Phantom Section: RightHead; Space: 0.00 mm

Test Date: 03/16/2023; Ambient Temp: 22.3°C; Tissue Temp: 21.3°C

Probe: EX3DV4 - SN7659; ConvF:(9.43,9.43,9.43); Calibrated: 2022-04-20
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1407; Calibrated: 2022-04-13
Phantom: Twin-SAM V5.0; Serial: 1873
Measurement SW: DASY Module SAR V16.2.0.1425

Mode: NR Band n66, Main 2 Antenna, Right Head, Cheek, Ch. 349000, 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 = 0.07 W/kg; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 0.124 W/kg
SAR(1 g) = 0.080 W/kg
Smallest distance from peaks to all points 3 dB below is 13.2 mm
Ratio of SAR at M2 to SAR at M1 = 90.2 %



ELEMENT

DUT: PY7-84558E; Type: Portable Handset; Serial: 02920

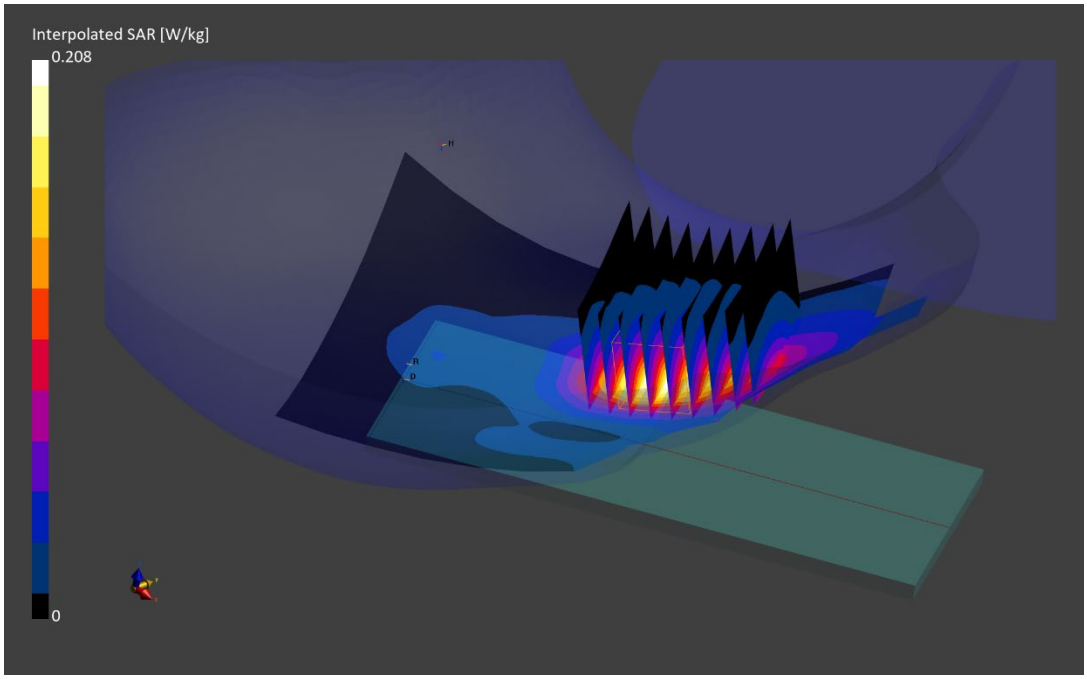
Communication System: UID:10931 - AAC, 5G NR FR1 FDD; MAIA: Y; Frequency: 1860.0 MHz
Medium: 1900 Head; Medium parameters used:
f = 1860.0 MHz; cond = 1.37 S/m; perm = 40.9; density = 1000 kg/m3
Phantom Section: RightHead; Space: 0.00 mm

Test Date: 03/15/2023; Ambient Temp: 19.1°C; Tissue Temp: 19.4°C

Probe: EX3DV4 - SN7713; ConvF:(8.68,8.68,8.68); Calibrated: 2023-01-11
Sensor-Surface: 1.4mm (All points)
Electronics: DAE4 Sn1530; Calibrated: 2023-01-18
Phantom: Twin-SAM V8.0; Serial: 2065
Measurement SW: DASY Module SAR V16.2.0.1425

Mode: NR Band n25, Main 2 Antenna, Right Head, Cheek, Ch. 372000, 20 MHz Bandwidth, DFT-s-OFDM QPSK, 1 RB, 1 RB Offset

Area Scan (120.0 x 210.0): Measurement grid: dx=15.0 mm, dy=15.0 mm
Zoom Scan (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 = 0.01 dB
Peak SAR (extrapolated) = 0.255 W/kg
SAR(1 g) = 0.163 W/kg
Smallest distance from peaks to all points 3 dB below is 13.0 mm
Ratio of SAR at M2 to SAR at M1 = 86.7 %



ELEMENT

DUT: PY7-84558E; Type: Portable Handset; Serial: 02888

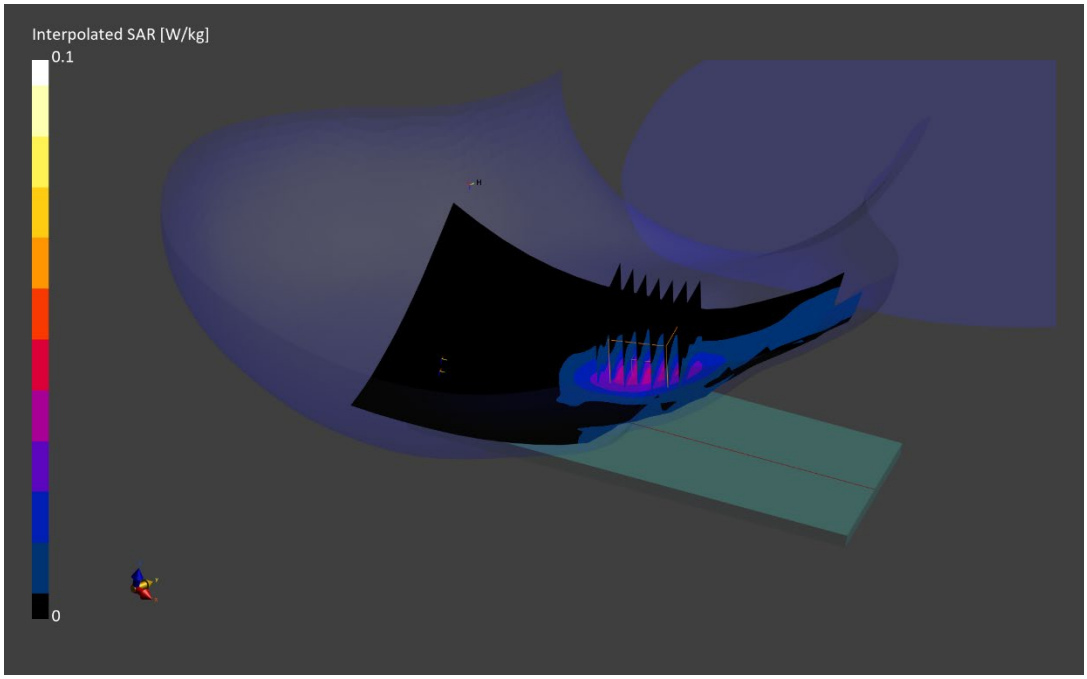
Communication System: UID:10937 - AAC, 5G NR FR1 FDD; MAIA: Y; Frequency: 2310.0 MHz
Medium: 2450 Head; Medium parameters used:
f = 2310.0 MHz; cond = 1.75 S/m; perm = 40.9; density = 1000 kg/m3
Phantom Section: RightHead; Space: 0.00 mm

Test Date: 03/10/2023; Ambient Temp: 21.0°C; Tissue Temp: 20.6°C

Probe: EX3DV4 - SN3837; ConvF:(7.47,7.47,7.47); Calibrated: 2023-01-17
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn793; Calibrated: 2023-01-17
Phantom: Twin-SAM V8.0; Serial: 1944
Measurement SW: DASY Module SAR V16.2.0.1425

Mode: NR Band n30, Main 2 Antenna, Right Head, Cheek, Ch. 462000, 10 MHz Bandwidth, DFT-s-OFDM QPSK, 25 RB, 14 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 = 0.03 W/kg; Power Drift = -0.14 dB
Peak SAR (extrapolated) = 0.060 W/kg
SAR(1 g) = 0.035 W/kg
Smallest distance from peaks to all points 3 dB below is 11.1 mm
Ratio of SAR at M2 to SAR at M1 = 85.3 %



ELEMENT

DUT: PY7-84558E; Type: Portable Handset; Serial: 02508

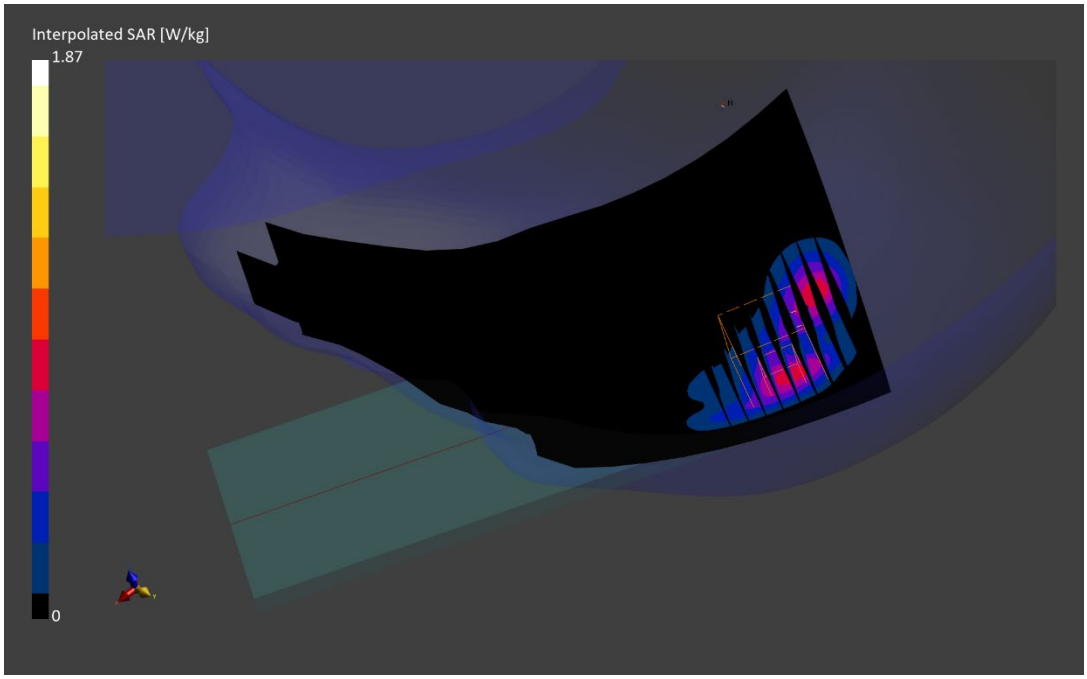
Communication System: UID:10803 - AAD, 5G NR FR1 TDD; MAIA: Y; Frequency: 2593.0 MHz
Medium: 2450 Head; Medium parameters used:
f = 2593.0 MHz; cond = 1.92 S/m; perm = 38.6; density = 1000 kg/m3
Phantom Section: LeftHead; Space: 0.00 mm

Test Date: 03/20/2023; Ambient Temp: 22.1°C; Tissue Temp: 19.4°C

Probe: EX3DV4 - SN7420; ConvF:(7.2,7.2,7.2); Calibrated: 2022-10-20
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1333; Calibrated: 2022-10-13
Phantom: Twin-SAM V8.0; Serial: 1736
Measurement SW: DASY Module SAR V16.2.0.1425

Mode: NR Band n41, Sub Antenna, Left Head, 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 = 0.60 W/kg; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 1.87 W/kg
SAR(1 g) = 0.686 W/kg
Smallest distance from peaks to all points 3 dB below is 6.8 mm
Ratio of SAR at M2 to SAR at M1 = 73.4 %



ELEMENT

DUT: PY7-84558E; Type: Portable Handset; Serial: 02508

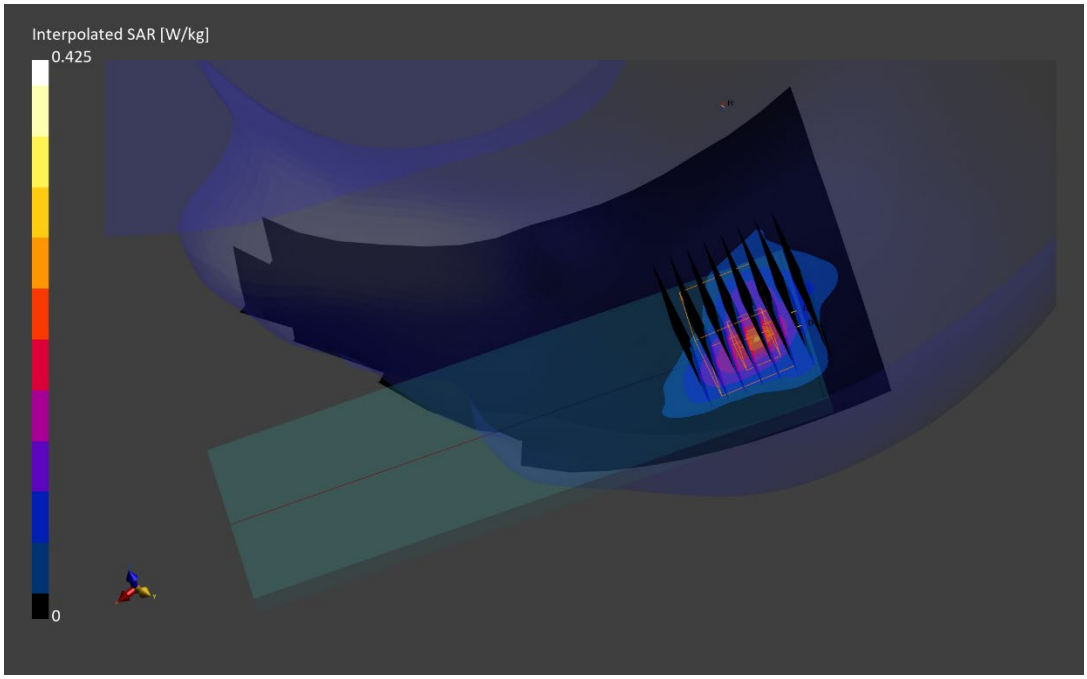
Communication System: UID:10803 - AAD, 5G NR FR1 TDD; MAIA: Y; Frequency: 3930.0 MHz
Medium: 3600 Head; Medium parameters used:
f = 3930.0 MHz; cond = 3.21 S/m; perm = 38.4; density = 1000 kg/m3
Phantom Section: LeftHead; Space: 0.00 mm

Test Date: 03/15/2023; Ambient Temp: 21.6°C; Tissue Temp: 21.0°C

Probe: EX3DV4 - SN7416; ConvF:(6.4,6.4,6.4); Calibrated: 2022-05-18
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn701; Calibrated: 2022-05-16
Phantom: Twin-SAM V8.0; Serial: 2067
Measurement SW: DASY Module SAR V16.2.0.1425

Mode: NR Band n77, Sub-UHB Antenna, Head SAR, Left Cheek, Ch. 662000, 100 MHz Bandwidth, CP-OFDM QPSK, 1 RB, 137 RB Offset

Area Scan (120.0 x 200.0): Measurement grid: dx=10.0 mm, dy=10.0 mm
Zoom Scan (28.0 x 28.0 x 28.0): Measurement grid: dx=5.0 mm, dy=5.0 mm, dz=1.4 mm; Graded Ratio: 1.5
Reference Value = 0.21 W/kg; Power Drift = 0.06 dB
Peak SAR (extrapolated) = 0.425 W/kg
SAR(1 g) = 0.171 W/kg
Smallest distance from peaks to all points 3 dB below is 6.5 mm
Ratio of SAR at M2 to SAR at M1 = 75.9 %



ELEMENT

DUT: PY7-84558E; Type: Portable Handset; Serial: 02847

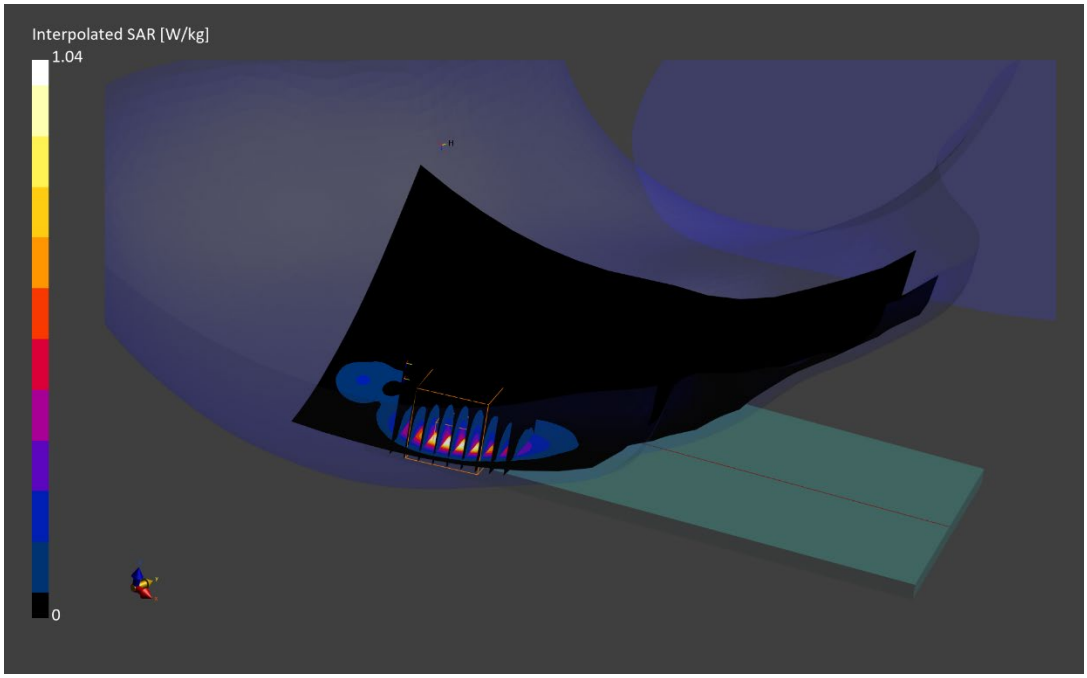
Communication System: UID:10196 - CAD, WLAN; MAIA: Y; Frequency: 2437.0 MHz
Medium: 2450 Head; Medium parameters used:
f = 2437.0 MHz; cond = 1.79 S/m; perm = 38.5; density = 1000 kg/m3
Phantom Section: RightHead; Space: 0.00 mm

Test Date: 03/02/2023; Ambient Temp: 21.5°C; Tissue Temp: 21.0°C

Probe: EX3DV4 - SN7406; ConvF:(7.72,7.72,7.72); Calibrated: 2022-07-18
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1677; Calibrated: 2022-07-18
Phantom: Twin-SAM V8.0; Serial: 2064
Measurement SW: DASY Module SAR V16.2.0.1425

Mode: IEEE 802.11n, MIMO, 20 MHz Bandwidth, Right Head, Cheek, Ch.6, 13 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=4.2 mm, dy=4.2 mm, dz=1.5 mm; Graded Ratio: 1.5
Reference Value = 0.45 W/kg; Power Drift = -0.10 dB
Peak SAR (extrapolated) = 1.04 W/kg
SAR(1 g) = 0.406 W/kg
Smallest distance from peaks to all points 3 dB below is 4.3 mm
Ratio of SAR at M2 to SAR at M1 = 74.1 %



ELEMENT

DUT: PY7-84558E; Type: Portable Handset; Serial: 02748

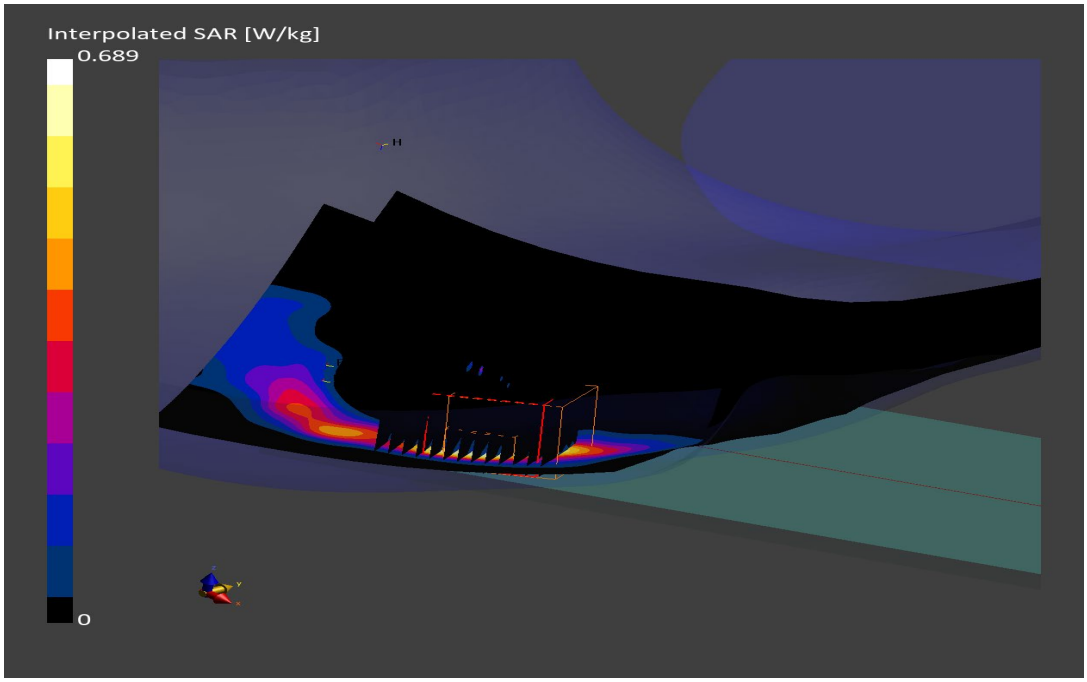
Communication System: UID:10117 - CAD, WLAN; MAIA: Y; Frequency: 5795.0 MHz
Medium: 5200-5800 Head; Medium parameters used:
f = 5795.0 MHz; cond = 5.46 S/m; perm = 34.4; density = 1000 kg/m3
Phantom Section: RightHead; Space: 0.00 mm

Test Date: 03/12/2023; Ambient Temp: 19.1°C; Tissue Temp: 19.0°C

Probe: EX3DV4 - SN7570; ConvF:(4.92,4.92,4.92); Calibrated: 2023-01-11
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1558; Calibrated: 2023-01-17
Phantom: Twin-SAM V8.0; Serial: 2060
Measurement SW: DASY Module SAR V16.2.0.1425

Mode: IEEE 802.11n, U-NII-3, MIMO, 40 MHz Bandwidth, Right Head, Cheek, Ch. 159, 58.5 Mbps

Area Scan (120.0 x 200.0): Measurement grid: dx=10.0 mm, dy=10.0 mm
Zoom Scan (22.0 x 22.0 x 22.0): Measurement grid: dx=2.6 mm, dy=2.6 mm, dz=1.2 mm; Graded Ratio: 1.2
Reference Value = 0.08 W/kg; Power Drift = -0.15 dB
Peak SAR (extrapolated) = 0.661 W/kg
SAR(1 g) = 0.122 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 = 67.9 %



ELEMENT

DUT: PY7-84558E; Type: Portable Handset; Serial: 02847

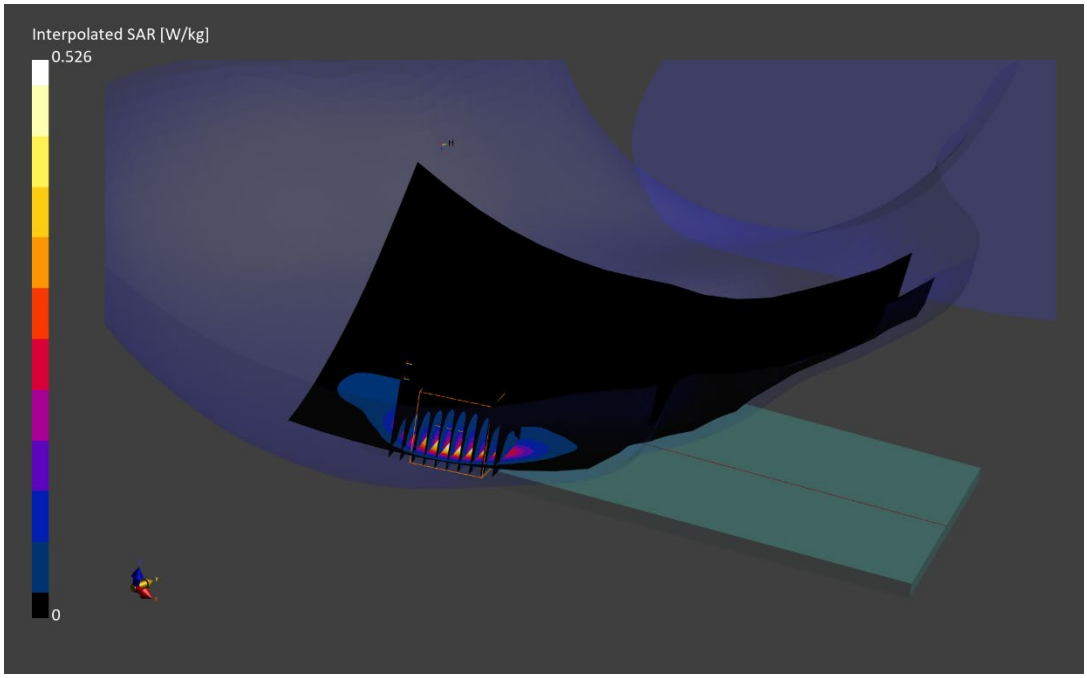
Communication System: UID:10032 - CAA, Bluetooth; MAIA: Y; Frequency: 2480.0 MHz
Medium: 2450 Head; Medium parameters used:
f = 2480.0 MHz; cond = 1.82 S/m; perm = 38.4; density = 1000 kg/m3
Phantom Section: RightHead; Space: 0.00 mm

Test Date: 03/02/2023; Ambient Temp: 21.5°C; Tissue Temp: 21.0°C

Probe: EX3DV4 - SN7406; ConvF:(7.72,7.72,7.72); Calibrated: 2022-07-18
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1677; Calibrated: 2022-07-18
Phantom: Twin-SAM V8.0; Serial: 2064
Measurement SW: DASY Module SAR V16.2.0.1425

Mode: Bluetooth, WiFi Main Antenna, Right Head, Cheek, Ch. 78, 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=3.4 mm, dy=3.4 mm, dz=1.4 mm; Graded Ratio: 1.4
Reference Value = 0.22 W/kg; Power Drift = -0.12 dB
Peak SAR (extrapolated) = 0.526 W/kg
SAR(1 g) = 0.188 W/kg
Smallest distance from peaks to all points 3 dB below is 3.6 mm
Ratio of SAR at M2 to SAR at M1 = 78.3 %



ELEMENT

DUT: PY7-84558E; Type: Portable Handset; Serial: 02144

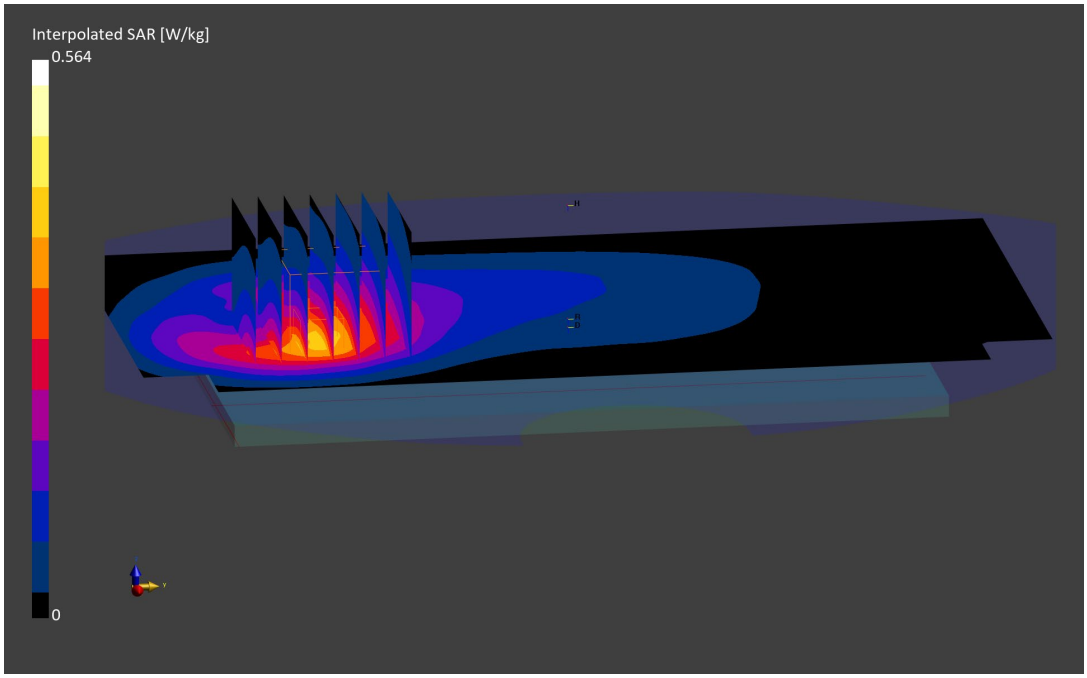
Communication System: UID:10021 - DAC, GSM; MAIA: Y; Frequency: 836.6 MHz
Medium: 835 Body; Medium parameters used:
f = 836.6 MHz; cond = 0.956 S/m; perm = 55.1; density = 1000 kg/m3
Phantom Section: Flat; Space: 10.00 mm

Test Date: 03/06/2023; Ambient Temp: 23.7°C; Tissue Temp: 20.1°C

Probe: EX3DV4 - SN7406; ConvF:(9.48,9.48,9.48); Calibrated: 2022-07-18
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1677; Calibrated: 2022-07-18
Phantom: Twin-SAM V8.0; Serial: 2064
Measurement SW: DASY Module SAR V16.2.0.1425

Mode: GSM 850, Body SAR, Back Side, Mid Ch.

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 = 0.37 W/kg; Power Drift = -0.03 dB
Peak SAR (extrapolated) = 0.564 W/kg
SAR(1 g) = 0.351 W/kg
Smallest distance from peaks to all points 3 dB below is 14.7 mm
Ratio of SAR at M2 to SAR at M1 = 83.8 %



ELEMENT

DUT: PY7-84558E; Type: Portable Handset; Serial: 02144

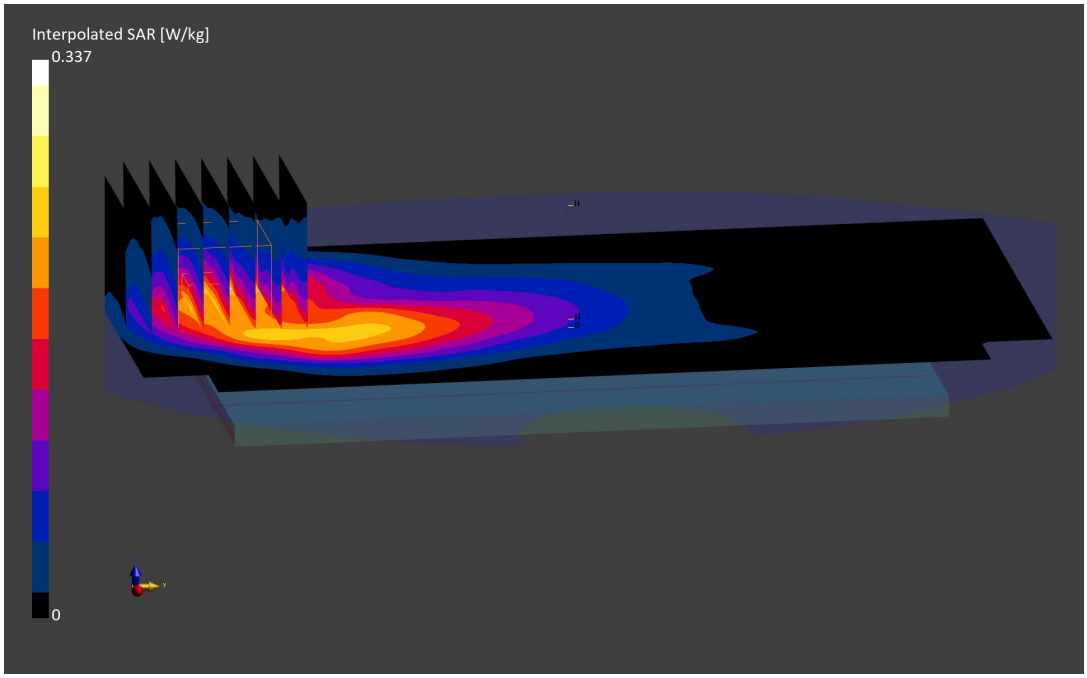
Communication System: UID:10021 - DAC, GSM; MAIA: Y; Frequency: 1850.2 MHz
Medium: 1900 Body; Medium parameters used:
f = 1850.2 MHz; cond = 1.53 S/m; perm = 51.8; density = 1000 kg/m3
Phantom Section: Flat; Space: 10.00 mm

Test Date: 03/17/2023; Ambient Temp: 21.1°C; Tissue Temp: 19.3°C

Probe: EX3DV4 - SN7409; ConvF:(7.66,7.66,7.66); Calibrated: 2022-06-16
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1334; Calibrated: 2022-06-14
Phantom: Twin-SAM V5.0; Serial: 1792
Measurement SW: DASY Module SAR V16.2.0.1425

Mode: GSM 1900, Body SAR, Back Side, Low Ch.

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 = -0.03 dB
Peak SAR (extrapolated) = 0.337 W/kg
SAR(1 g) = 0.209 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 = 83.6 %



ELEMENT

DUT: PY7-84558E; Type: Portable Handset; Serial: 02144

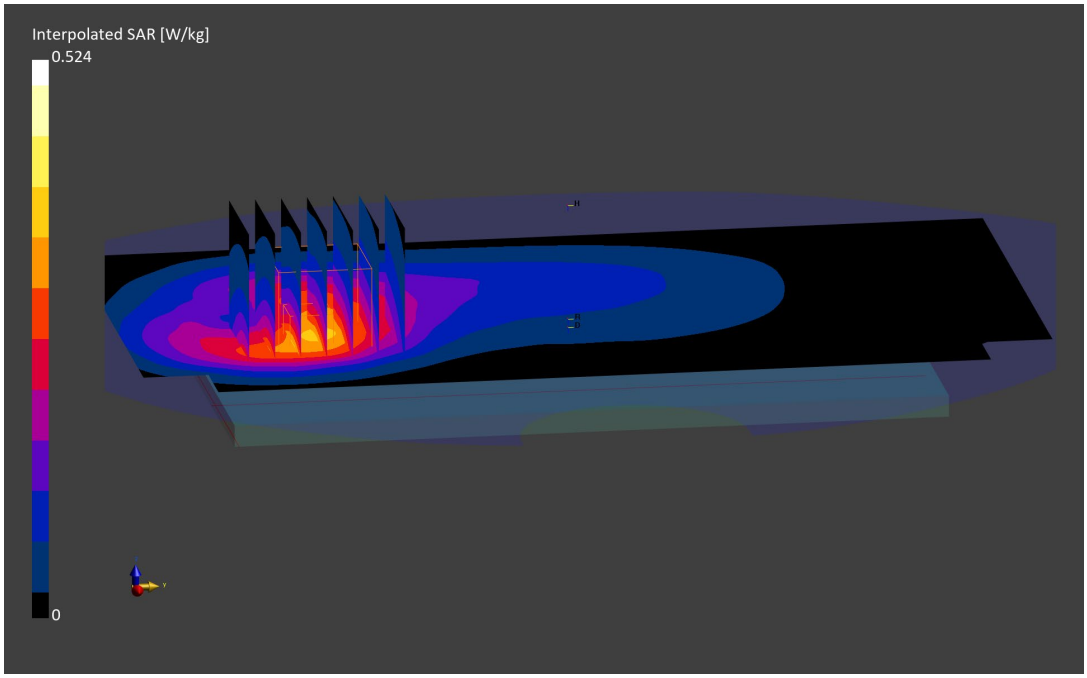
Communication System: UID:10011 - CAB, WCDMA; MAIA: Y; Frequency: 846.6 MHz
Medium: 835 Body; Medium parameters used:
f = 846.6 MHz; cond = 0.960 S/m; perm = 55.0; density = 1000 kg/m3
Phantom Section: Flat; Space: 10.00 mm

Test Date: 03/06/2023; Ambient Temp: 23.7°C; Tissue Temp: 20.1°C

Probe: EX3DV4 - SN7406; ConvF:(9.48,9.48,9.48); Calibrated: 2022-07-18
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1677; Calibrated: 2022-07-18
Phantom: Twin-SAM V8.0; Serial: 2064
Measurement SW: DASY Module SAR V16.2.0.1425

Mode: UMTS 850, Body SAR, Back Side, High Ch.

Area Scan (120.0 x 210.0): Measurement grid: dx=15.0 mm, dy=15.0 mm
Zoom Scan (30.0 x 30.0 x 30.0): Measurement grid: dx=6.0 mm, dy=6.0 mm, dz=1.5 mm; Graded Ratio: 1.5
Reference Value = 0.34 W/kg; Power Drift = -0.05 dB
Peak SAR (extrapolated) = 0.524 W/kg
SAR(1 g) = 0.321 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 = 83.3 %



ELEMENT

DUT: PY7-84558E; Type: Portable Handset; Serial: 02144

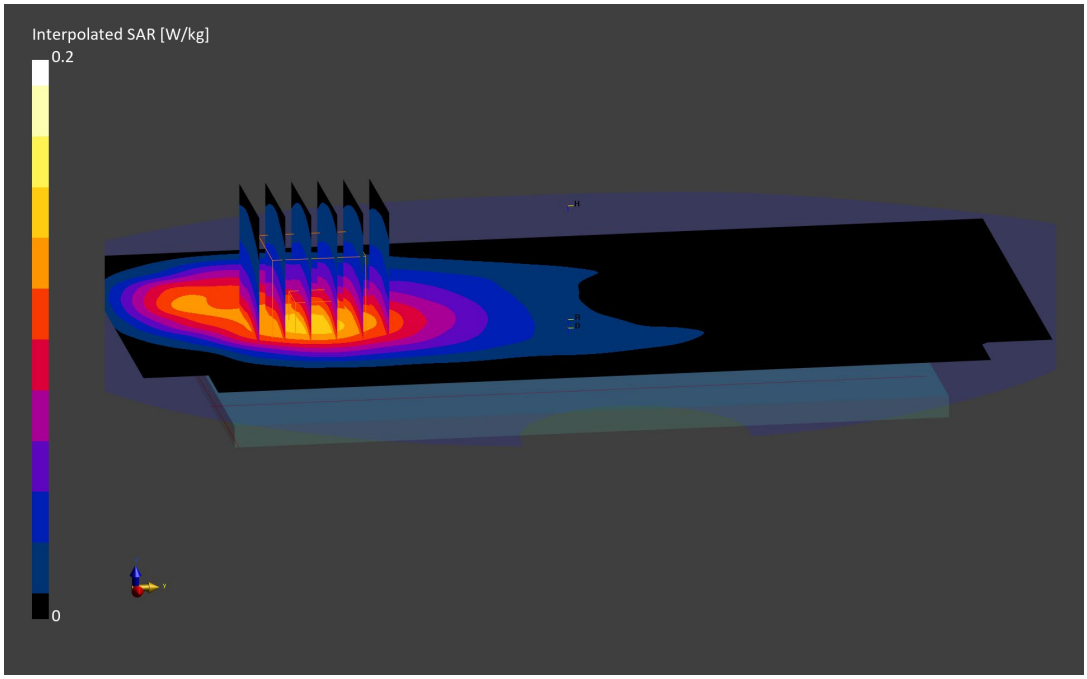
Communication System: UID:10011 - CAB, WCDMA; MAIA: Y; Frequency: 1732.4 MHz
Medium: 1750 Body; Medium parameters used:
f = 1732.4 MHz; cond = 1.45 S/m; perm = 53.4; density = 1000 kg/m3
Phantom Section: Flat; Space: 10.00 mm

Test Date: 03/14/2023; Ambient Temp: 21.7°C; Tissue Temp: 19.7°C

Probe: EX3DV4 - SN7406; ConvF:(8.06,8.06,8.06); Calibrated: 2022-07-18
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1677; Calibrated: 2022-07-18
Phantom: Twin-SAM V8.0; Serial: 2064
Measurement SW: DASY Module SAR V16.2.0.1425

Mode: UMTS 1750, Body SAR. Back Side, Mid Ch.

Area Scan (120.0 x 210.0): Measurement grid: dx=15.0 mm, dy=15.0 mm
Zoom Scan (30.0 x 30.0 x 30.0): Measurement grid: dx=6.0 mm, dy=6.0 mm, dz=1.5 mm; Graded Ratio: 1.5
Reference Value = 0.13 W/kg; Power Drift = 0.00 dB
Peak SAR (extrapolated) = 0.200 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 = 83.9 %



ELEMENT

DUT: PY7-84558E; Type: Portable Handset; Serial: 02144

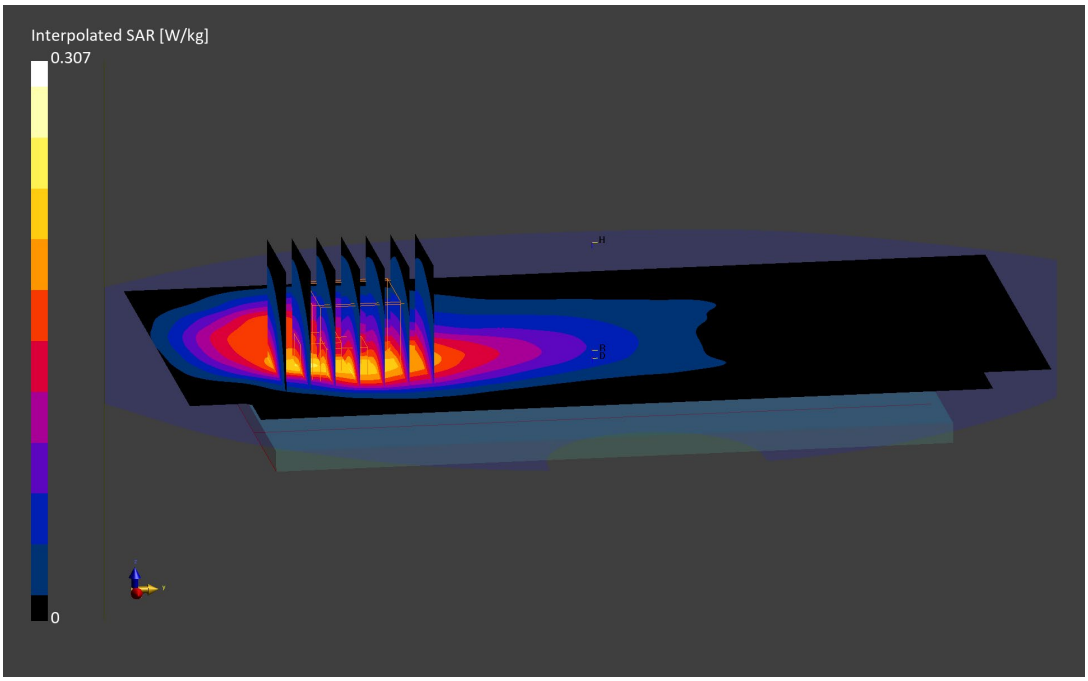
Communication System: UID:10011 - CAB, WCDMA; MAIA: Y; Frequency: 1880.0 MHz
Medium: 1900 Body; Medium parameters used:
f = 1880.0 MHz; cond = 1.54 S/m; perm = 53.0; density = 1000 kg/m3
Phantom Section: Flat; Space: 10.00 mm

Test Date: 03/15/2023; Ambient Temp: 19.1°C; Tissue Temp: 19.0°C

Probe: EX3DV4 - SN7409; ConvF:(7.66,7.66,7.66); Calibrated: 2022-06-16
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1334; Calibrated: 2022-06-14
Phantom: Twin-SAM V5.0; Serial: 1792
Measurement SW: DASY Module SAR V16.2.0.1425

Mode: UMTS 1900, Body SAR, Back Side, Mid Ch.

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) = 0.307 W/kg
SAR(1 g) = 0.198 W/kg
Smallest distance from peaks to all points 3 dB below is 11.1 mm
Ratio of SAR at M2 to SAR at M1 = 87.7 %



ELEMENT

DUT: PY7-84558E; Type: Portable Handset; Serial: 02144

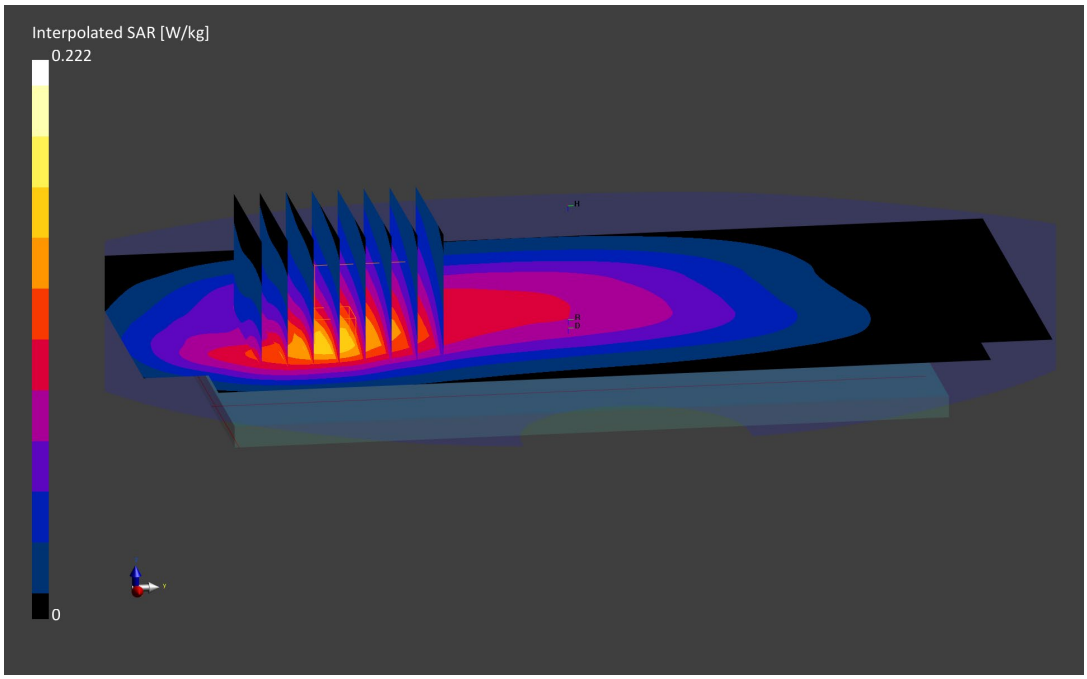
Communication System: UID:10169 - CAE, LTE-FDD; MAIA: Y; Frequency: 680.5 MHz
Medium: 750 Body; Medium parameters used:
f = 680.5 MHz; cond = 0.922 S/m; perm = 55.0; density = 1000 kg/m3
Phantom Section: Flat; Space: 10.00 mm

Test Date: 03/09/2023; Ambient Temp: 20.7°C; Tissue Temp: 19.6°C

Probe: EX3DV4 - SN7570; ConvF:(10.26,10.26,10.26); 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 V16.0.2.83

Mode: LTE Band 71, Main 1 Antenna, Body SAR, Back side, Mid Ch., 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 = 0.13 W/kg; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 0.222 W/kg
SAR(1 g) = 0.136 W/kg
Smallest distance from peaks to all points 3 dB below is 17.7 mm
Ratio of SAR at M2 to SAR at M1 = 82.5 %



ELEMENT

DUT: PY7-84558E; Type: Portable Handset; Serial: 02185

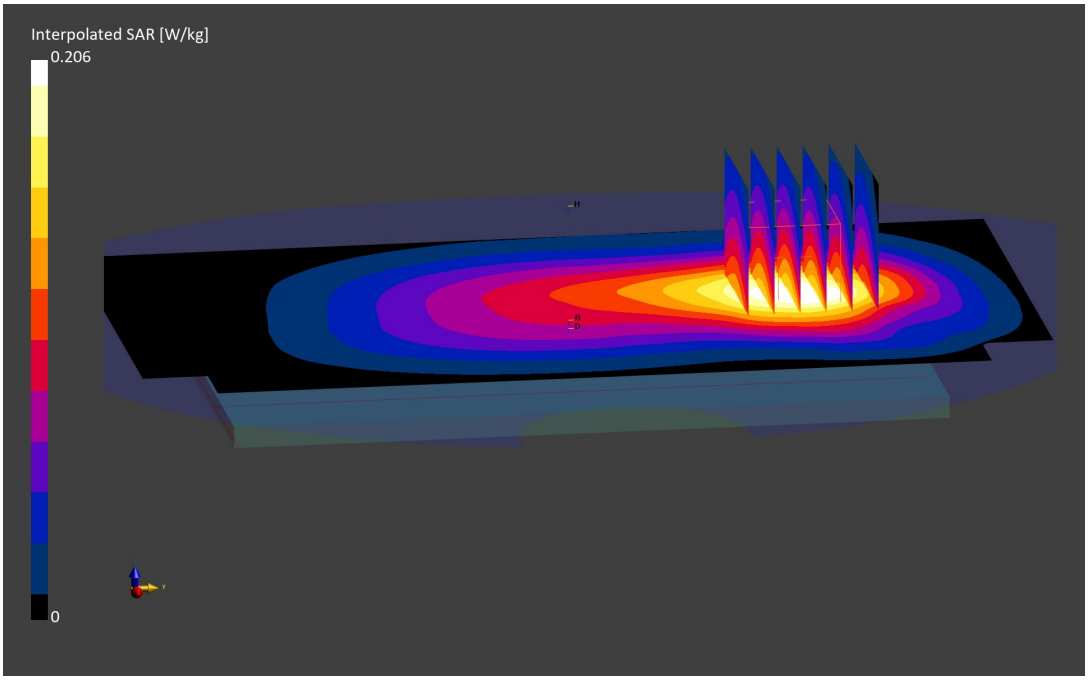
Communication System: UID:10175 - CAG, LTE-FDD; MAIA: Y; Frequency: 707.5 MHz
Medium: 750 Body; Medium parameters used:
f = 707.5 MHz; cond = 0.923 S/m; perm = 54.1; density = 1000 kg/m3
Phantom Section: Flat; Space: 10.00 mm

Test Date: 03/06/2023; Ambient Temp: 22.7°C; Tissue Temp: 20.3°C

Probe: EX3DV4 - SN7570; ConvF:(10.26,10.26,10.26); Calibrated: 2023-01-11
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1558; Calibrated: 2023-01-17
Phantom: Twin-SAM V8.0; Serial: 2060
Measurement SW: DASY Module SAR V16.2.0.1425

Mode: LTE Band 12, Sub Antenna, Body SAR, Back Side, Mid Ch, 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 = 0.15 W/kg; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 0.206 W/kg
SAR(1 g) = 0.150 W/kg
Smallest distance from peaks to all points 3 dB below is > 15.0 mm
Ratio of SAR at M2 to SAR at M1 = 89.7 %



ELEMENT

DUT: PY7-84558E; Type: Portable Handset; Serial: 02144

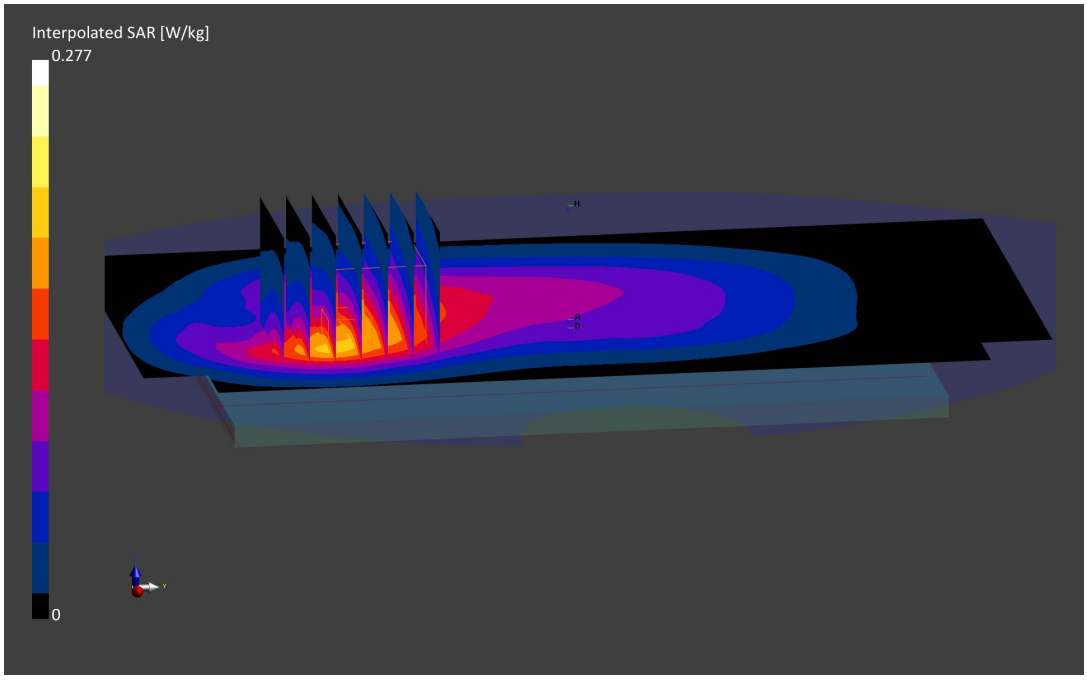
Communication System: UID:10154 - CAG, LTE-FDD; MAIA: Y; Frequency: 782.0 MHz
Medium: 750 Body; Medium parameters used:
f = 782.0 MHz; cond = 0.960 S/m; perm = 54.8; density = 1000 kg/m3
Phantom Section: Flat; Space: 10.00 mm

Test Date: 03/09/2023; Ambient Temp: 20.7°C; Tissue Temp: 19.6°C

Probe: EX3DV4 - SN7570; ConvF:(10.26,10.26,10.26); 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 V16.0.2.83

Mode: LTE Band 13, Main 1 Antenna, Body SAR, Back side, Mid Ch, 10 MHz Bandwidth, QPSK, 25 RB, 12 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 = 0.02 dB
Peak SAR (extrapolated) = 0.277 W/kg
SAR(1 g) = 0.171 W/kg
Smallest distance from peaks to all points 3 dB below is 16.7 mm
Ratio of SAR at M2 to SAR at M1 = 83.3 %



ELEMENT

DUT: PY7-84558E; Type: Portable Handset; Serial: 02144

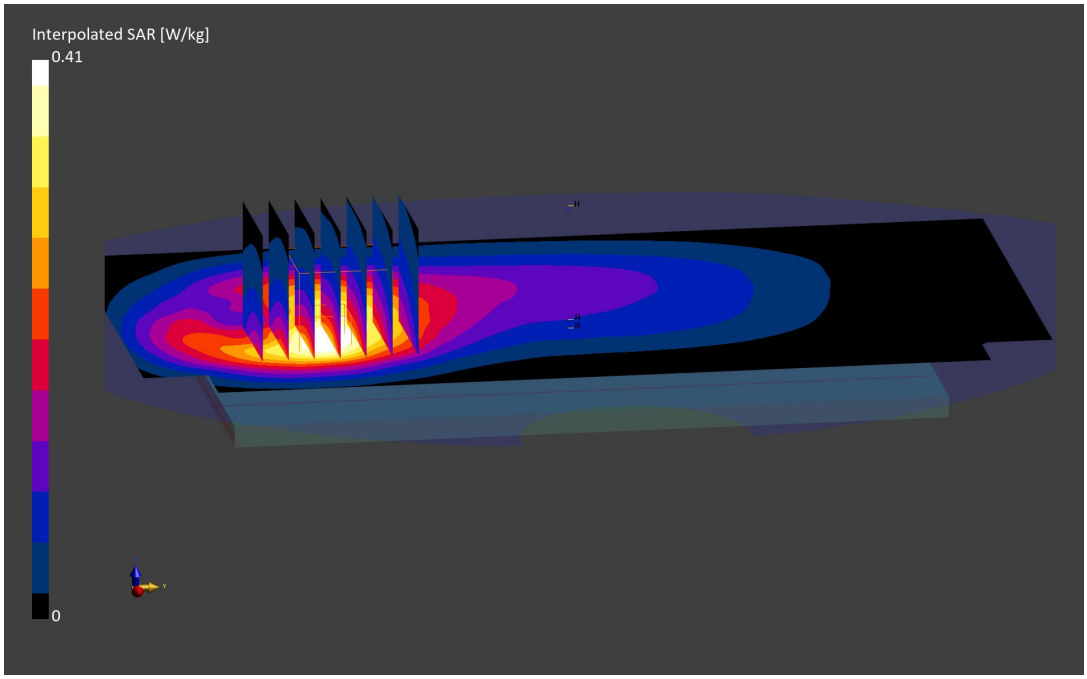
Communication System: UID:10175 - CAG, LTE-FDD; MAIA: Y; Frequency: 836.5 MHz
Medium: 835 Body; Medium parameters used:
f = 836.5 MHz; cond = 0.943 S/m; perm = 54.9; density = 1000 kg/m3
Phantom Section: Flat; Space: 10.00 mm

Test Date: 03/14/2023; Ambient Temp: 22.9°C; Tissue Temp: 19.7°C

Probe: EX3DV4 - SN7406; ConvF:(9.48,9.48,9.48); Calibrated: 2022-07-18
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1677; Calibrated: 2022-07-18
Phantom: Twin-SAM V8.0; Serial: 2064
Measurement SW: DASY Module SAR V16.2.0.1425

Mode: LTE Band 5, Main 1 Antenna, Body SAR, Back Side, Mid Ch, 10 MHz Bandwidth, QPSK, 1 RB, 1 RB Offset

Area Scan (120.0 x 210.0): Measurement grid: dx=15.0 mm, dy=15.0 mm
Zoom Scan (30.0 x 30.0 x 30.0): Measurement grid: dx=6.0 mm, dy=6.0 mm, dz=1.5 mm; Graded Ratio: 1.5
Reference Value = 0.27 W/kg; Power Drift = -0.03 dB
Peak SAR (extrapolated) = 0.410 W/kg
SAR(1 g) = 0.253 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 = 85.0 %



ELEMENT

DUT: PY7-84558E; Type: Portable Handset; Serial: 02185

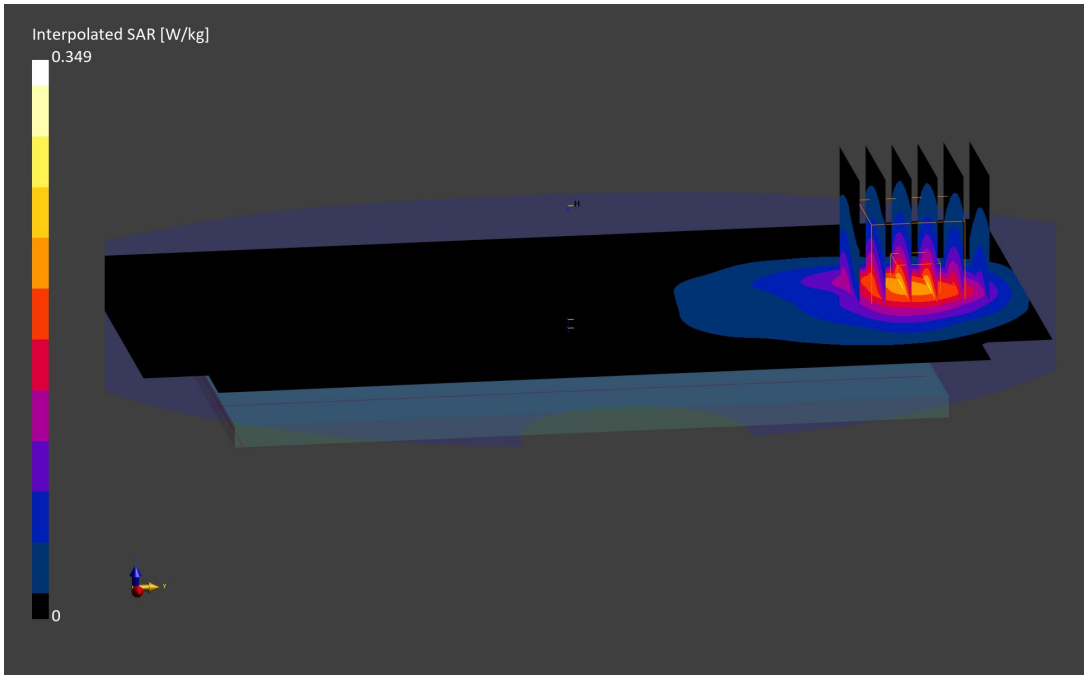
Communication System: UID:10169 - CAE, LTE-FDD; MAIA: Y; Frequency: 1745.0 MHz
Medium: 1750 Body; Medium parameters used:
f = 1745.0 MHz; cond = 1.44 S/m; perm = 53.3; density = 1000 kg/m3
Phantom Section: Flat; Space: 10.00 mm

Test Date: 03/15/2023; Ambient Temp: 19.1°C; Tissue Temp: 19.0°C

Probe: EX3DV4 - SN7409; ConvF:(8.01,8.01,8.01); Calibrated: 2022-06-16
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1334; Calibrated: 2022-06-14
Phantom: Twin-SAM V5.0; Serial: 1792
Measurement SW: DASY Module SAR V16.2.0.1425

Mode: LTE Band 66 (AWS), Sub Antenna, Body SAR, Back Side, Mid Ch., 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 = 0.00 dB
Peak SAR (extrapolated) = 0.349 W/kg
SAR(1 g) = 0.167 W/kg
Smallest distance from peaks to all points 3 dB below is 12.6 mm
Ratio of SAR at M2 to SAR at M1 = 86.2 %



ELEMENT

DUT: PY7-84558E; Type: Portable Handset; Serial: 02144

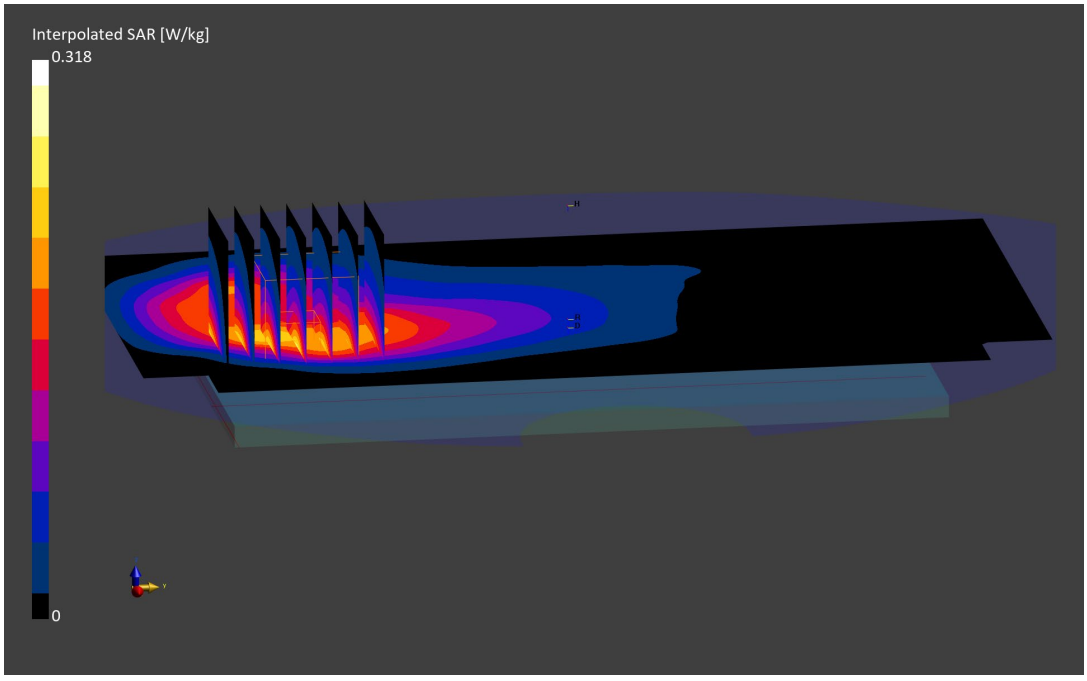
Communication System: UID:10297 - AAD, LTE-FDD; MAIA: Y; Frequency: 1882.5 MHz
Medium: 1900 Body; Medium parameters used:
f = 1882.5 MHz; cond = 1.55 S/m; perm = 53.0; density = 1000 kg/m3
Phantom Section: Flat; Space: 10.00 mm

Test Date: 03/15/2023; Ambient Temp: 19.1°C; Tissue Temp: 19.0°C

Probe: EX3DV4 - SN7409; ConvF:(7.66,7.66,7.66); Calibrated: 2022-06-16
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1334; Calibrated: 2022-06-14
Phantom: Twin-SAM V5.0; Serial: 1792
Measurement SW: DASY Module SAR V16.2.0.1425

Mode: LTE Band 25, Main 2 Antenna, Body SAR , Back side, Mid Ch, 20 MHz Bandwidth, QPSK, 50 RB, 50 RB Offset

Area Scan (120.0 x 210.0): Measurement grid: dx=15.0 mm, dy=15.0 mm
Zoom Scan (30.0 x 30.0 x 30.0): Measurement grid: dx=6.0 mm, dy=6.0 mm, dz=1.5 mm; Graded Ratio: 1.5
Reference Value = 0.19 W/kg; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 0.318 W/kg
SAR(1 g) = 0.209 W/kg
Smallest distance from peaks to all points 3 dB below is 11.4 mm
Ratio of SAR at M2 to SAR at M1 = 89.1 %



ELEMENT

DUT: PY7-84558E; Type: Portable Handset; Serial: 02185

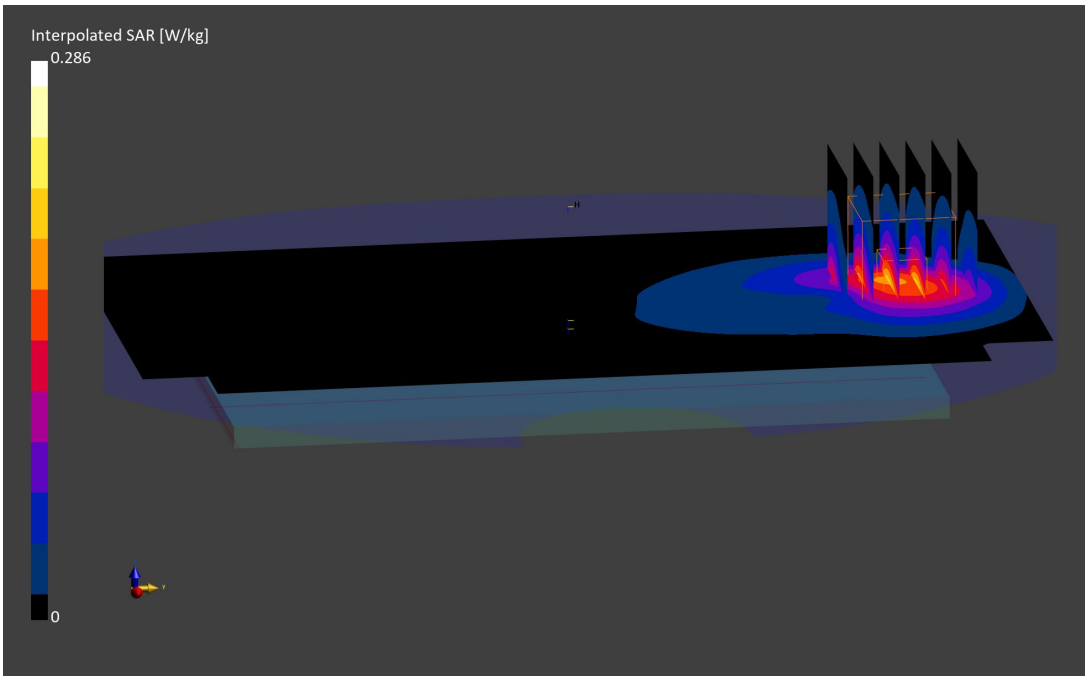
Communication System: UID:10297 - AAD, LTE-FDD; MAIA: Y; Frequency: 1860.0 MHz
Medium: 1900 Body; Medium parameters used:
f = 1860.0 MHz; cond = 1.52 S/m; perm = 53.1; density = 1000 kg/m3
Phantom Section: Flat; Space: 10.00 mm

Test Date: 03/15/2023; Ambient Temp: 19.1°C; Tissue Temp: 19.0°C

Probe: EX3DV4 - SN7409; ConvF:(7.66,7.66,7.66); Calibrated: 2022-06-16
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1334; Calibrated: 2022-06-14
Phantom: Twin-SAM V5.0; Serial: 1792
Measurement SW: DASY Module SAR V16.2.0.1425

Mode: LTE Band 2, Sub Antenna, Body SAR, Back Side, Low Ch, 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 = 0.17 W/kg; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 0.286 W/kg
SAR(1 g) = 0.178 W/kg
Smallest distance from peaks to all points 3 dB below is 11.9 mm
Ratio of SAR at M2 to SAR at M1 = 86.9 %



ELEMENT

DUT: PY7-84558E; Type: Portable Handset; Serial: 02144

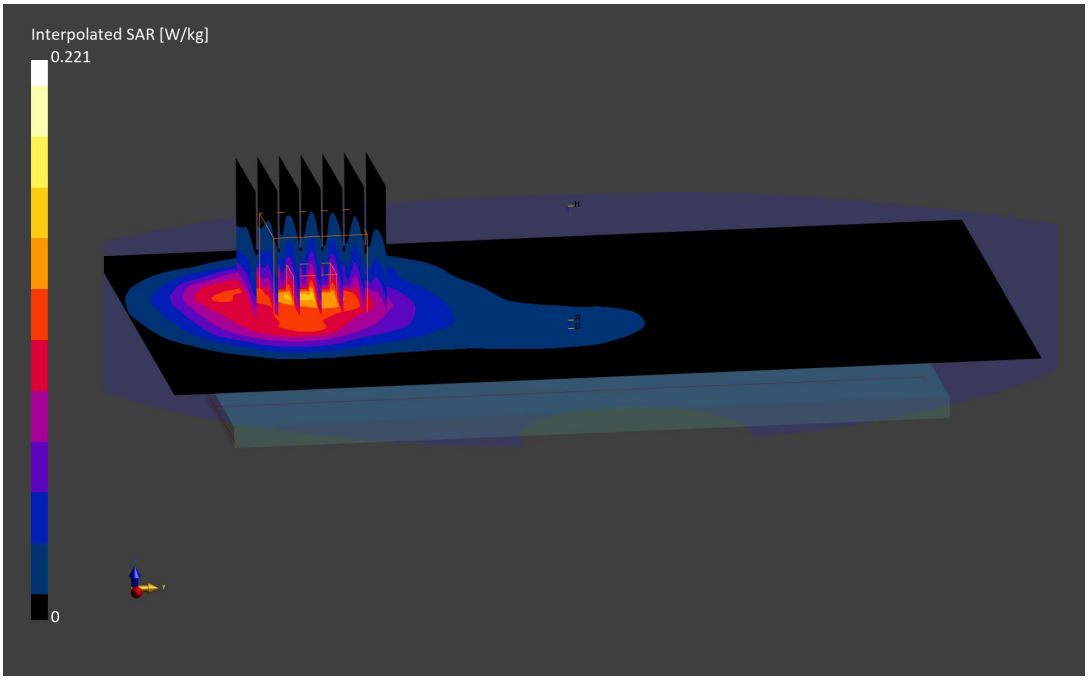
Communication System: UID:10175 - CAG, LTE-FDD; MAIA: Y; Frequency: 2310.0 MHz
Medium: 2450 Body; Medium parameters used:
f = 2310.0 MHz; cond = 1.81 S/m; perm = 53.4; density = 1000 kg/m3
Phantom Section: Flat; Space: 10.00 mm

Test Date: 03/13/2023; Ambient Temp: 22.3°C; Tissue Temp: 21.7°C

Probe: EX3DV4 - SN7551; ConvF:(7.75,7.75,7.75); Calibrated: 2022-11-11
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1323; Calibrated: 2022-11-10
Phantom: Twin-SAM V8.0; Serial: 2057
Measurement SW: DASY Module SAR V16.2.0.1425

Mode: LTE Band 30, Main 2 Antenna, Body SAR, Back Side, 10 MHz Bandwidth, Mid Ch., 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 = 0.14 W/kg; Power Drift = 0.12 dB
Peak SAR (extrapolated) = 0.220 W/kg
SAR(1 g) = 0.130 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 = 87.3 %



ELEMENT

DUT: PY7-84558E; Type: Portable Handset; Serial: 02144

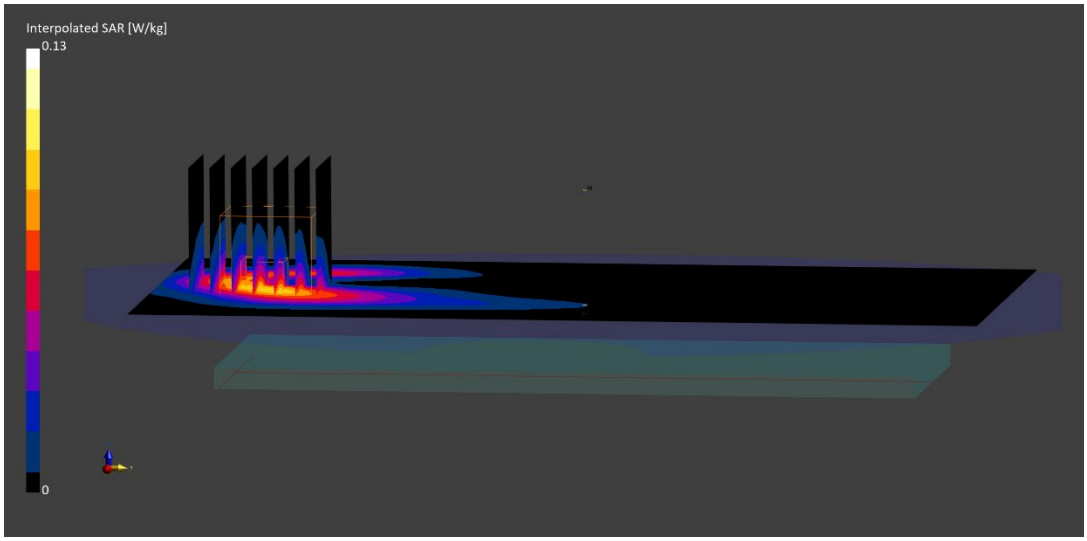
Communication System: UID:10435 - AAF, LTE-TDD; MAIA: Y; Frequency: 2636.5 MHz
Medium: 2450 Body; Medium parameters used:
f = 2636.5 MHz; cond = 2.27 S/m; perm = 52.2; density = 1000 kg/m3
Phantom Section: Flat; Space: 10.00 mm

Test Date: 03/13/2023; Ambient Temp: 22.3°C; Tissue Temp: 21.7°C

Probe: EX3DV4 - SN7551; ConvF:(7.45,7.45,7.45); Calibrated: 2022-11-11
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1323; Calibrated: 2022-11-10
Phantom: Twin-SAM V8.0; Serial: 2057
Measurement SW: DASY Module SAR V16.2.0.1425

Mode: LTE Band 41, Main 2 Antenna, Body SAR, Back Side, Mid-high Ch., 20 MHz Bandwidth, QPSK, 1 RB, 99 RB Offset

Area Scan (120.0 x 200.0): Measurement grid: dx=10.0 mm, dy=10.0 mm
Zoom Scan (30.0 x 30.0 x 30.0): Measurement grid: dx=5.0 mm, dy=5.0 mm, dz=1.5 mm; Graded Ratio: 1.5
Reference Value = 0.08 W/kg; Power Drift = 0.12 dB
Peak SAR (extrapolated) = 0.158 W/kg
SAR(1 g) = 0.077 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 = 79.6 %



ELEMENT

DUT: PY7-84558E; Type: Portable Handset; Serial: 02144

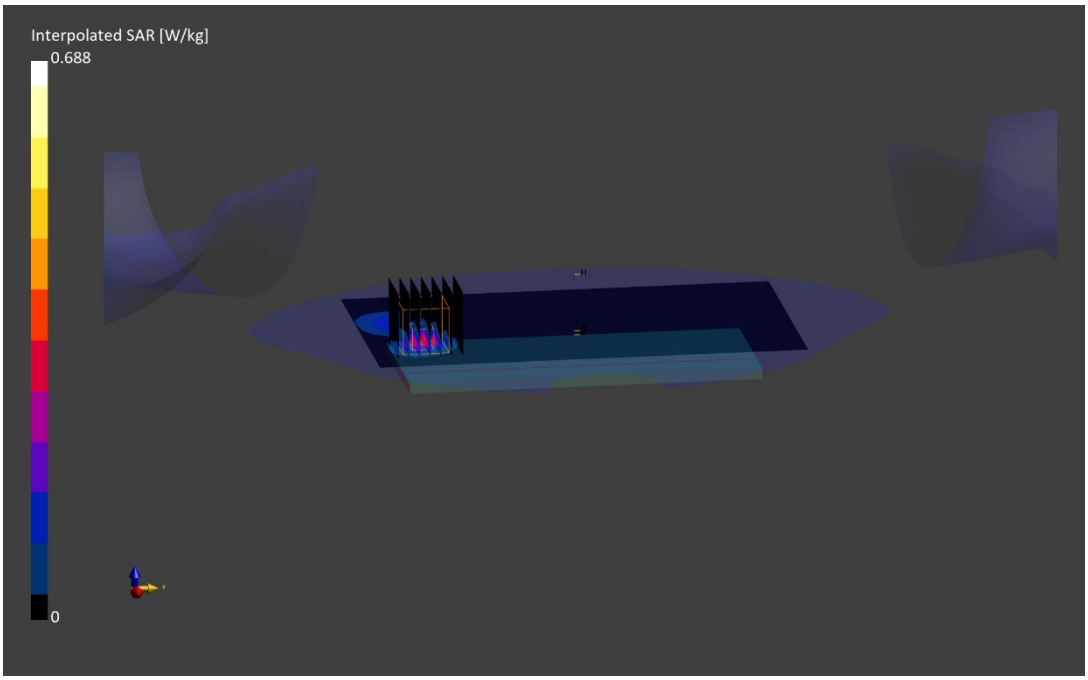
Communication System: UID:10494 - AAF, LTE-TDD; MAIA: Y; Frequency: 3646.7 MHz
Medium: 3600 Body; Medium parameters used:
f = 3646.7 MHz; cond = 3.36 S/m; perm = 49.4; density = 1000 kg/m3
Phantom Section: Flat; Space: 10.00 mm

Test Date: 03/16/2023; Ambient Temp: 21.3°C; Tissue Temp: 19.7°C

Probe: EX3DV4 - SN7410; ConvF:(6.45,6.45,6.45); Calibrated: 2022-07-19
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1583; Calibrated: 2022-07-18
Phantom: Twin-SAM V8.0; Serial: 1966
Measurement SW: DASY Module SAR V16.2.0.1425

Mode: LTE Band 48, Main 1 Antenna, Body SAR, Back Side, Mid-high Ch., 20 MHz Bandwidth, QPSK, 50 RB, 50 RB Offset

Area Scan (120.0 x 200.0): Measurement grid: dx=10.0 mm, dy=10.0 mm
Zoom Scan (30.0 x 30.0 x 28.0): Measurement grid: dx=5.0 mm, dy=5.0 mm, dz=1.4 mm; Graded Ratio: 1.5
Reference Value = 0.23 W/kg; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 0.688 W/kg
SAR(1 g) = 0.270 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 = 76.9 %



ELEMENT

DUT: PY7-84558E; Type: Portable Handset; Serial: 02805

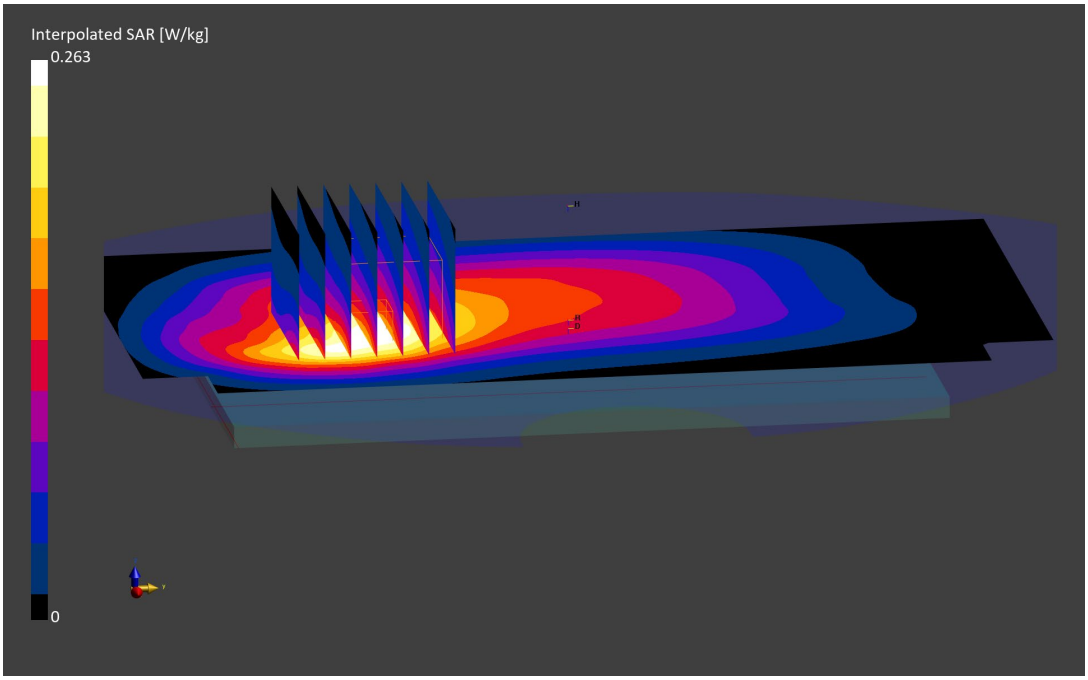
Communication System: UID:10939 - AAC, 5G NR FR1 FDD; MAIA: Y; Frequency: 680.5 MHz
Medium: 750 Body; Medium parameters used:
f = 680.5 MHz; cond = 0.927 S/m; perm = 55.9; density = 1000 kg/m3
Phantom Section: Flat; Space: 10.00 mm

Test Date: 03/07/2023; Ambient Temp: 21.4°C; Tissue Temp: 20.5°C

Probe: EX3DV4 - SN7639; ConvF:(10.83,10.83,10.83); Calibrated: 2022-11-14
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1646; Calibrated: 2022-11-10
Phantom: Twin-SAM V8.0; Serial: 1936
Measurement SW: DASY Module SAR V16.2.0.1425

Mode: NR Band n71, Main 1 Antenna, Body SAR, Back Side, Ch. 136100, 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 = 0.14 W/kg; Power Drift = -0.02 dB
Peak SAR (extrapolated) = 0.263 W/kg
SAR(1 g) = 0.161 W/kg
Smallest distance from peaks to all points 3 dB below is 16.8 mm
Ratio of SAR at M2 to SAR at M1 = 83.9 %



ELEMENT

DUT: PY7-84558E; Type: Portable Handset; Serial: 02805

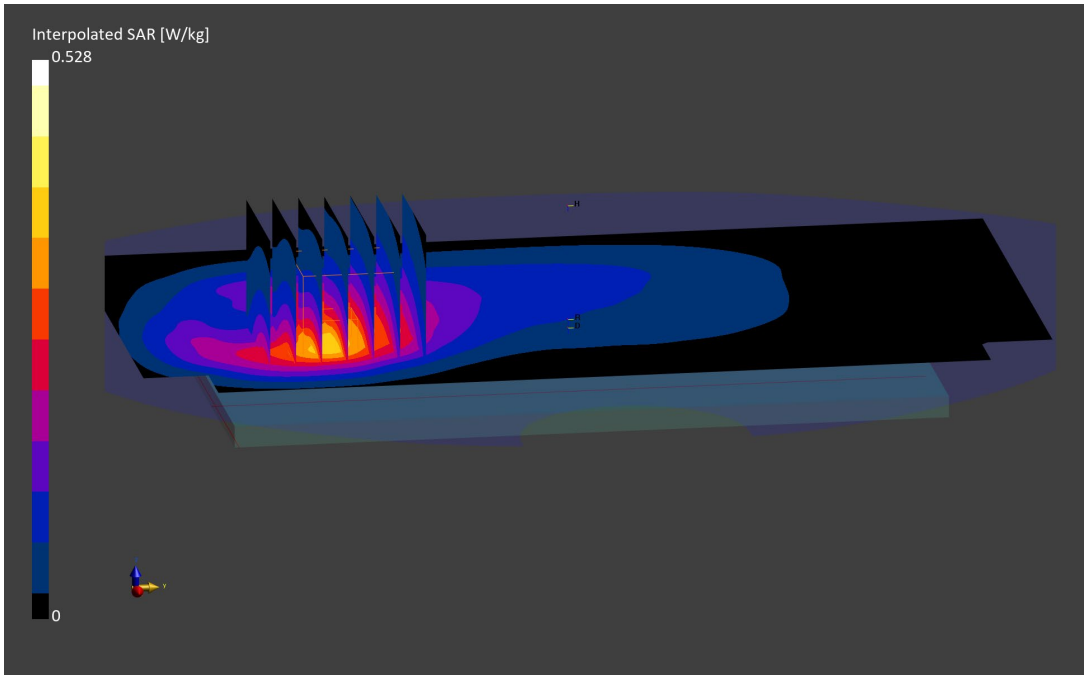
Communication System: UID:10931 - AAC, 5G NR FR1 FDD; MAIA: Y; Frequency: 836.5 MHz
Medium: 835 Body; Medium parameters used:
f = 836.5 MHz; cond = 0.949 S/m; perm = 56.0; density = 1000 kg/m3
Phantom Section: Flat; Space: 10.00 mm

Test Date: 03/09/2023; Ambient Temp: 22.0°C; Tissue Temp: 19.8°C

Probe: EX3DV4 - SN7639; ConvF:(10.6,10.6,10.6); Calibrated: 2022-11-14
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1646; Calibrated: 2022-11-10
Phantom: Twin-SAM V8.0; Serial: 1936
Measurement SW: DASY Module SAR V16.2.0.1425

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

Area Scan (120.0 x 210.0): Measurement grid: dx=15.0 mm, dy=15.0 mm
Zoom Scan (30.0 x 30.0 x 30.0): Measurement grid: dx=6.0 mm, dy=6.0 mm, dz=1.5 mm; Graded Ratio: 1.5
Reference Value = 0.29 W/kg; Power Drift = -0.08 dB
Peak SAR (extrapolated) = 0.528 W/kg
SAR(1 g) = 0.326 W/kg;
Smallest distance from peaks to all points 3 dB below is 14.7 mm
Ratio of SAR at M2 to SAR at M1 = 85.3 %



ELEMENT

DUT: PY7-84558E; Type: Portable Handset; Serial: 02805

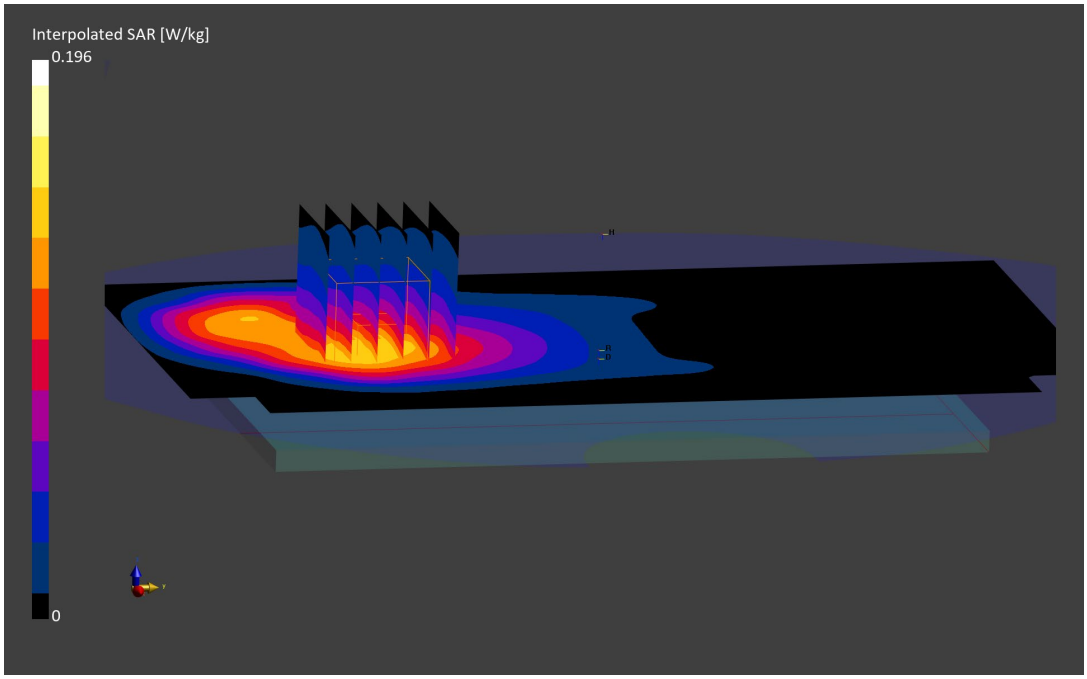
Communication System: UID:10931 - AAC, 5G NR FR1 FDD; MAIA: Y; Frequency: 1745.0 MHz
Medium: 1750 Body; Medium parameters used:
f = 1745.0 MHz; cond = 1.42 S/m; perm = 52.8; density = 1000 kg/m3
Phantom Section: Flat; Space: 10.00 mm

Test Date: 03/13/2023; Ambient Temp: 21.9°C; Tissue Temp: 20.8°C

Probe: EX3DV4 - SN7639; ConvF:(9.36,9.36,9.36); Calibrated: 2022-11-14
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1646; Calibrated: 2022-11-10
Phantom: Twin-SAM V8.0; Serial: 1936
Measurement SW: DASY Module SAR V16.2.0.1425

Mode: NR Band n66, Main 2 Antenna, Body SAR, Back Side, Ch. 349000, 20 MHz Bandwidth, DFT-s-OFDM QPSK, 1 RB, 53 RB Offset

Area Scan (120.0 x 210.0): Measurement grid: dx=15.0 mm, dy=15.0 mm
Zoom Scan (30.0 x 30.0 x 30.0): Measurement grid: dx=6.0 mm, dy=6.0 mm, dz=1.5 mm; Graded Ratio: 1.5
Reference Value = 0.11 W/kg; Power Drift = -0.03 dB
Peak SAR (extrapolated) = 0.196 W/kg
SAR(1 g) = 0.126 W/kg
Smallest distance from peaks to all points 3 dB below is > 15.0 mm
Ratio of SAR at M2 to SAR at M1 = 85.7 %



ELEMENT

DUT: PY7-84558E; Type: Portable Handset; Serial: 02805

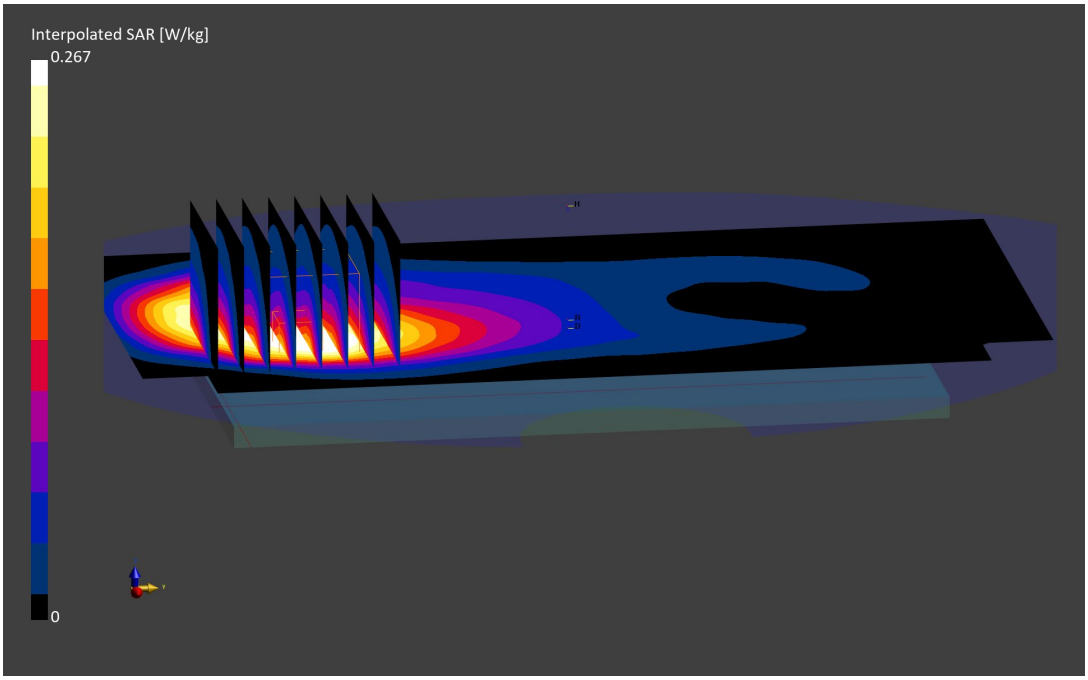
Communication System: UID:10770 - AAD, CW; MAIA: Y; Frequency: 1860.0 MHz
Medium: 1900 Body; Medium parameters used:
f = 1860.0 MHz; cond = 1.50 S/m; perm = 52.6; density = 1000 kg/m3
Phantom Section: Flat; Space: 10.00 mm

Test Date: 03/13/2023; Ambient Temp: 21.9°C; Tissue Temp: 20.8°C

Probe: EX3DV4 - SN7639; ConvF:(8.96,8.96,8.96); Calibrated: 2022-11-14
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1646; Calibrated: 2022-11-10
Phantom: Twin-SAM V8.0; Serial: 1936
Measurement SW: DASY Module SAR V16.2.0.1425

Mode: NR Band n25, Main 2 Antenna, Body SAR, Back Side, Ch. 372000, 20 MHz Bandwidth, CP-OFDM QPSK, 1 RB, 1 RB Offset

Area Scan (120.0 x 210.0): Measurement grid: dx=15.0 mm, dy=15.0 mm
Zoom Scan (30.0 x 30.0 x 30.0): Measurement grid: dx=6.0 mm, dy=6.0 mm, dz=1.5 mm; Graded Ratio: 1.5
Reference Value = 0.15 W/kg; Power Drift = -0.08 dB
Peak SAR (extrapolated) = 0.267 W/kg
SAR(1 g) = 0.164 W/kg
Smallest distance from peaks to all points 3 dB below is 11.9 mm
Ratio of SAR at M2 to SAR at M1 = 84.9 %



ELEMENT

DUT: PY7-84558E; Type: Portable Handset; Serial: 02508

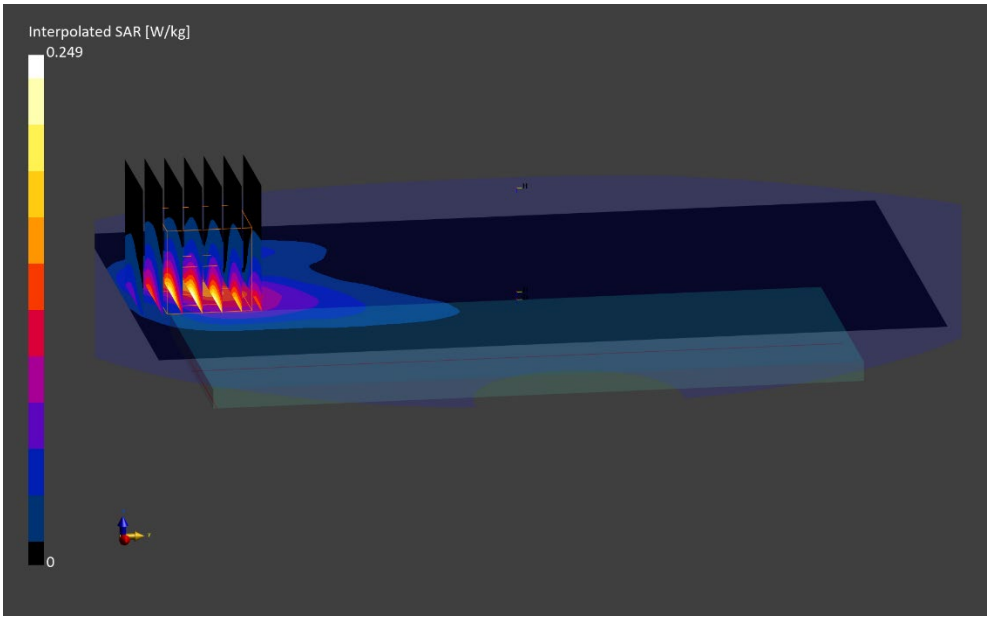
Communication System: UID:10929 - AAC, 5G NR FR1 FDD; MAIA: Y; Frequency: 2310.0 MHz
Medium: 2450 Body; Medium parameters used:
f = 2310.0 MHz; cond = 1.83 S/m; perm = 51.5; density = 1000 kg/m3
Phantom Section: Flat; Space: 10.00 mm

Test Date: 03/15/2023; Ambient Temp: 22.1°C; Tissue Temp: 22.3°C

Probe: EX3DV4 - SN7420; ConvF:(7.6,7.6,7.6); Calibrated: 2022-10-20
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1333; Calibrated: 2022-10-13
Phantom: Twin-SAM V8.0; Serial: 1736
Measurement SW: DASY Module SAR V16.2.0.1425

Mode: NR Band n30, Main 2 Antenna, Body SAR, Back Side, Ch. 462000, 10 MHz Bandwidth, DFT-s-OFDM QPSK, 1 RB, 26 RB Offset

Area Scan (120.0 x 200.0): Measurement grid: dx=10.0 mm, dy=10.0 mm
Zoom Scan (30.0 x 30.0 x 30.0): Measurement grid: dx=5.0 mm, dy=5.0 mm, dz=1.5 mm; Graded Ratio: 1.5
Reference Value = 0.12 W/kg; Power Drift = -0.08 dB
Peak SAR (extrapolated) = 0.249 W/kg
SAR(1 g) = 0.133 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 = 82.2 %



ELEMENT

DUT: PY7-84558E; Type: Portable Handset; Serial: 02805

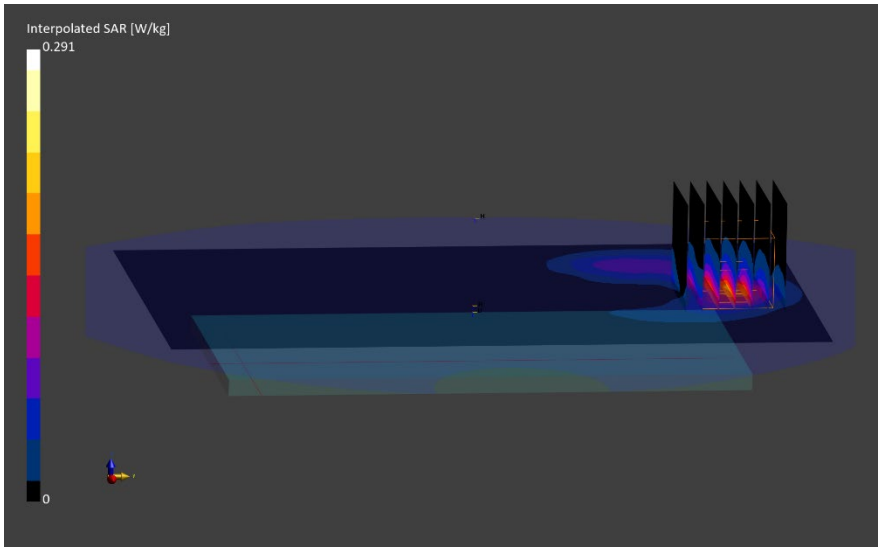
Communication System: UID:10917 - AAB, 5G NR FR1 TDD; MAIA: Y; Frequency: 2593.0 MHz
Medium: 2450 Body; Medium parameters used:
f = 2593.0 MHz; cond = 2.21 S/m; perm = 50.4; density = 1000 kg/m3
Phantom Section: Flat; Space: 10.00 mm

Test Date: 03/15/2023; Ambient Temp: 22.1°C; Tissue Temp: 22.3°C

Probe: EX3DV4 - SN7420; ConvF:(7.27,7.27,7.27); Calibrated: 2022-10-20
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1333; Calibrated: 2022-10-13
Phantom: Twin-SAM V8.0; Serial: 1736
Measurement SW: DASY Module SAR V16.2.0.1425

Mode: NR Band n41, Sub Antenna, Body SAR, Back Side, Ch. 518598, 100 MHz Bandwidth, DFT-s-OFDM QPSK, 137 RB, 0 RB Offset

Area Scan (120.0 x 200.0): Measurement grid: dx=10.0 mm, dy=10.0 mm
Zoom Scan (30.0 x 30.0 x 30.0): Measurement grid: dx=5.0 mm, dy=5.0 mm, dz=1.5 mm; Graded Ratio: 1.5
Reference Value = 0.12 W/kg; Power Drift = 0.03 dB
Peak SAR (extrapolated) = 0.291 W/kg
SAR(1 g) = 0.142 W/kg
Smallest distance from peaks to all points 3 dB below is 9.0 mm
Ratio of SAR at M2 to SAR at M1 = 79.7 %



ELEMENT

DUT: PY7-84558E; Type: Portable Handset; Serial: 02888

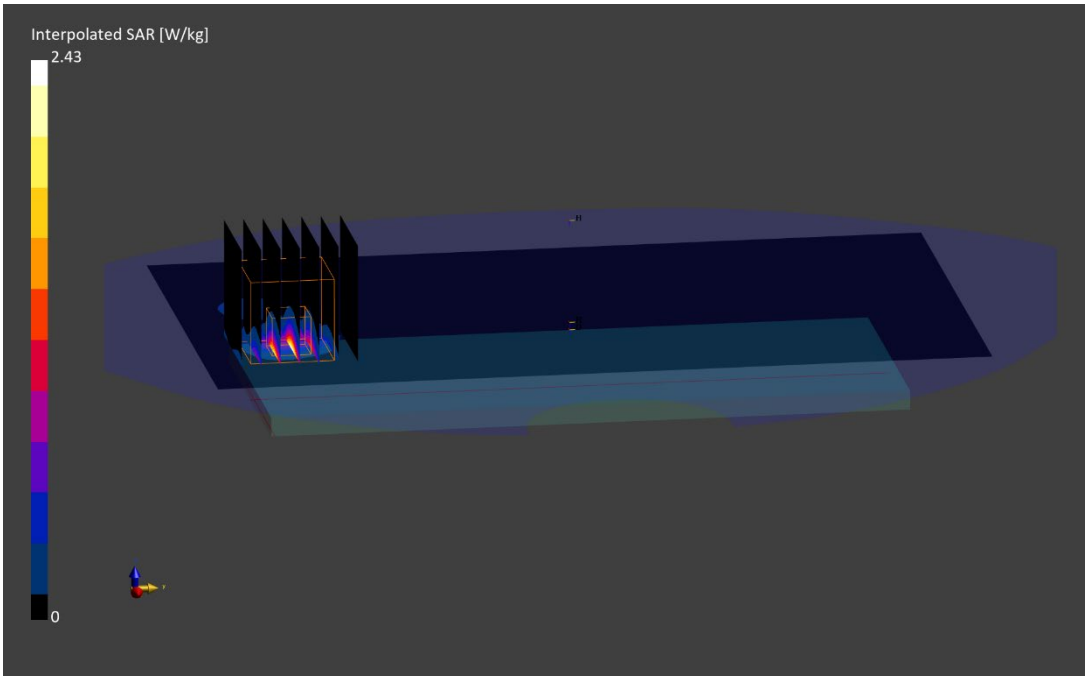
Communication System: UID:10917 - AAB, 5G NR FR1 TDD; MAIA: Y; Frequency: 3930.0 MHz
Medium: 3600 Body; Medium parameters used:
f = 3930.0 MHz; cond = 3.90 S/m; perm = 50.7; density = 1000 kg/m3
Phantom Section: Flat; Space: 10.00 mm

Test Date: 03/14/2023; Ambient Temp: 22.1°C; Tissue Temp: 21.6°C

Probe: EX3DV4 - SN3837; ConvF:(5.98,5.98,5.98); Calibrated: 2023-01-17
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn793; Calibrated: 2023-01-17
Phantom: Twin-SAM V8.0; Serial: 1944
Measurement SW: DASY Module SAR V16.2.0.1425

Mode: NR Band n77, Main 1 Antenna, Body SAR, Back Side, Ch. 662000, 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 (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 = 0.72 W/kg; Power Drift = -0.02 dB
Peak SAR (extrapolated) = 2.43 W/kg
SAR(1 g) = 0.809 W/kg
Smallest distance from peaks to all points 3 dB below is 6.8 mm
Ratio of SAR at M2 to SAR at M1 = 71.9 %



ELEMENT

DUT: PY7-84558E; Type: Portable Handset; Serial: 02748

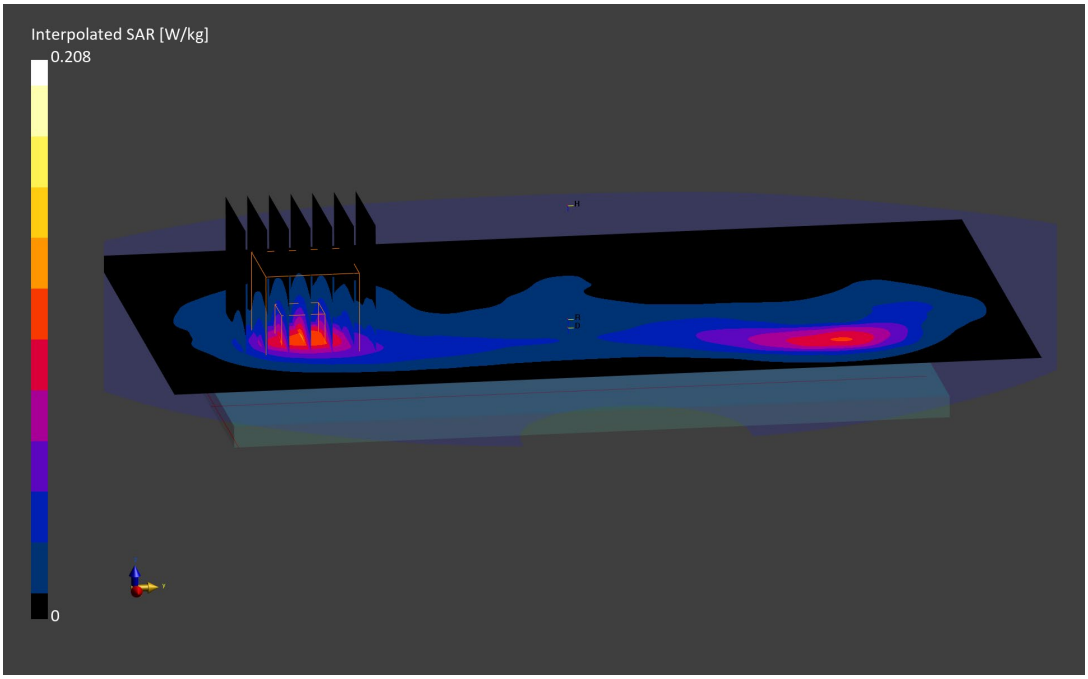
Communication System: UID:10196 - CAD, WLAN; MAIA: Y; Frequency: 2437.0 MHz
Medium: 2450 Body; Medium parameters used:
f = 2437.0 MHz; cond = 2.00 S/m; perm = 51.5; density = 1000 kg/m3
Phantom Section: Flat; Space: 10.00 mm

Test Date: 03/01/2023; Ambient Temp: 22.3°C; Tissue Temp: 20.5°C

Probe: EX3DV4 - SN7410; ConvF:(7.52,7.52,7.52); Calibrated: 2022-07-19
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1583; Calibrated: 2022-07-18
Phantom: Twin-SAM V8.0; Serial: 1966
Measurement SW: DASY Module SAR V16.2.0.1425

Mode: IEEE 802.11n, 20 MHz Bandwidth, MIMO, Body SAR, Back Side, Ch. 6, 13 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 = 0.09 W/kg; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 0.208 W/kg
SAR(1 g) = 0.098 W/kg
Smallest distance from peaks to all points 3 dB below is 8.3 mm
Ratio of SAR at M2 to SAR at M1 = 79.4 %



ELEMENT

DUT: PY7-84558E; Type: Portable Handset; Serial: 02748

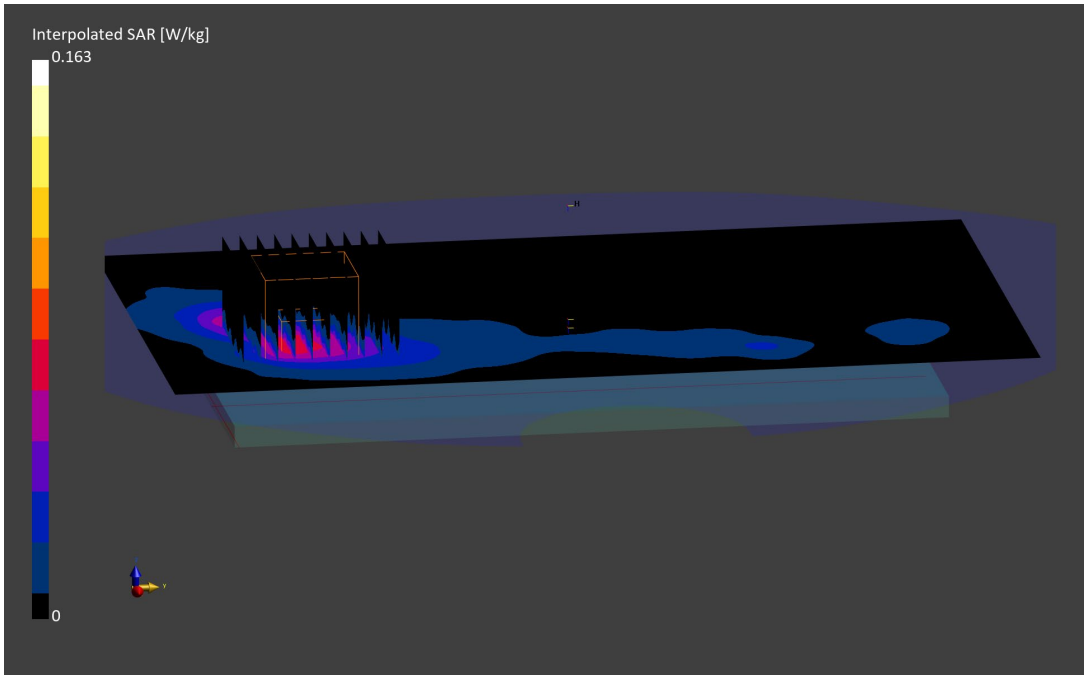
Communication System: UID:10544 - AAC, WLAN; MAIA: Y; Frequency: 5290.0 MHz
Medium: 5200-5800 Body; Medium parameters used:
f = 5290.0 MHz; cond = 5.25 S/m; perm = 48.5; density = 1000 kg/m3
Phantom Section: Flat; Space: 10.00 mm

Test Date: 02/28/2023; Ambient Temp: 22.3°C; Tissue Temp: 21.9°C

Probe: EX3DV4 - SN7659; ConvF:(5.21,5.21,5.21); Calibrated: 2022-04-20
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1407; Calibrated: 2022-04-13
Phantom: Twin-SAM V5.0; Serial: 1873
Measurement SW: DASY Module SAR V16.2.0.1425

Mode: IEEE 802.11ac, 80 MHz Bandwidth, UNII-2A, MIMO, Ch. 58, Body SAR, Back Side, 58.5 Mbps, Offset 0.5

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 = 0.00 W/kg; Power Drift = 0.20 dB
Peak SAR (extrapolated) = 0.163 W/kg
SAR(1 g) = 0.053 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 = 69.2 %



ELEMENT

DUT: PY7-84558E; Type: Portable Handset; Serial: 02862

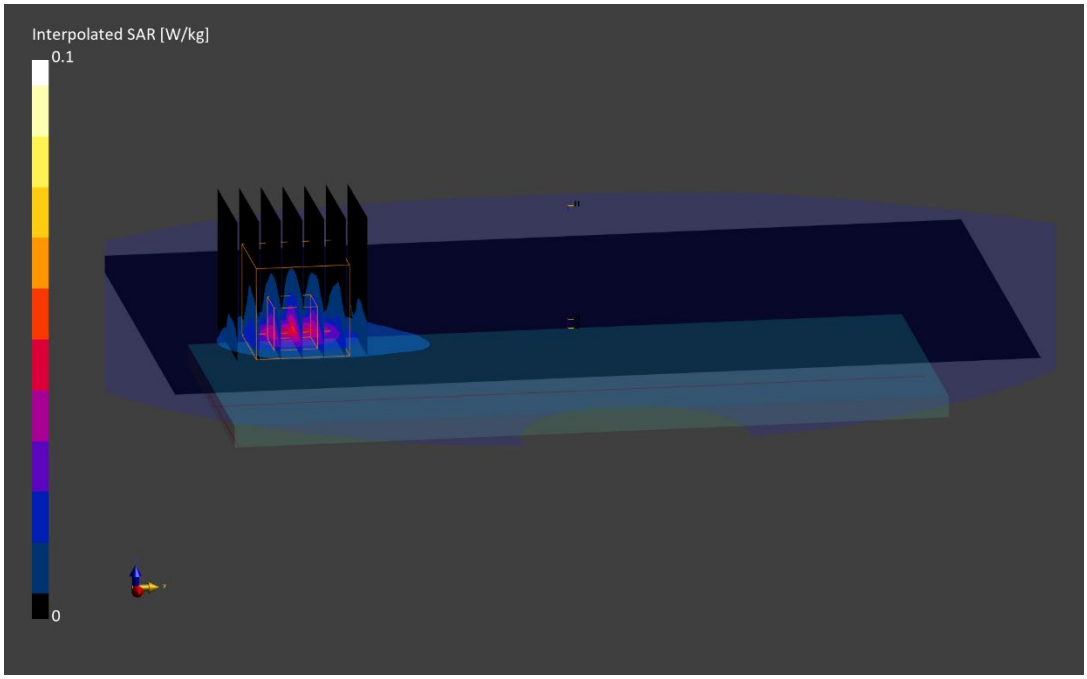
Communication System: UID:10032 - CAA, Bluetooth; MAIA: Y; Frequency: 2480.0 MHz
Medium: 2450 Body; Medium parameters used:
f = 2480.0 MHz; cond = 2.06 S/m; perm = 50.8; density = 1000 kg/m^3
Phantom Section: Flat; Space: 10.00 mm

Test Date: 03/15/2023; Ambient Temp: 22.1°C; Tissue Temp: 22.3°C

Probe: EX3DV4 - SN7420; ConvF:(7.47,7.47,7.47); Calibrated: 2022-10-20
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1333; Calibrated: 2022-10-13
Phantom: Twin-SAM V8.0; Serial: 1736
Measurement SW: DASY Module SAR V16.2.0.1425

Mode: Bluetooth, WiFi Sub Antenna, Body SAR, Ch. 78, 1Mbps, Back Side

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 = 0.03 W/kg; Power Drift = 0.03 dB
Peak SAR (extrapolated) = 0.085 W/kg
SAR(1 g) = 0.039 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 = 80.0 %



ELEMENT

DUT: PY7-84558E; Type: Portable Handset; Serial: 02144

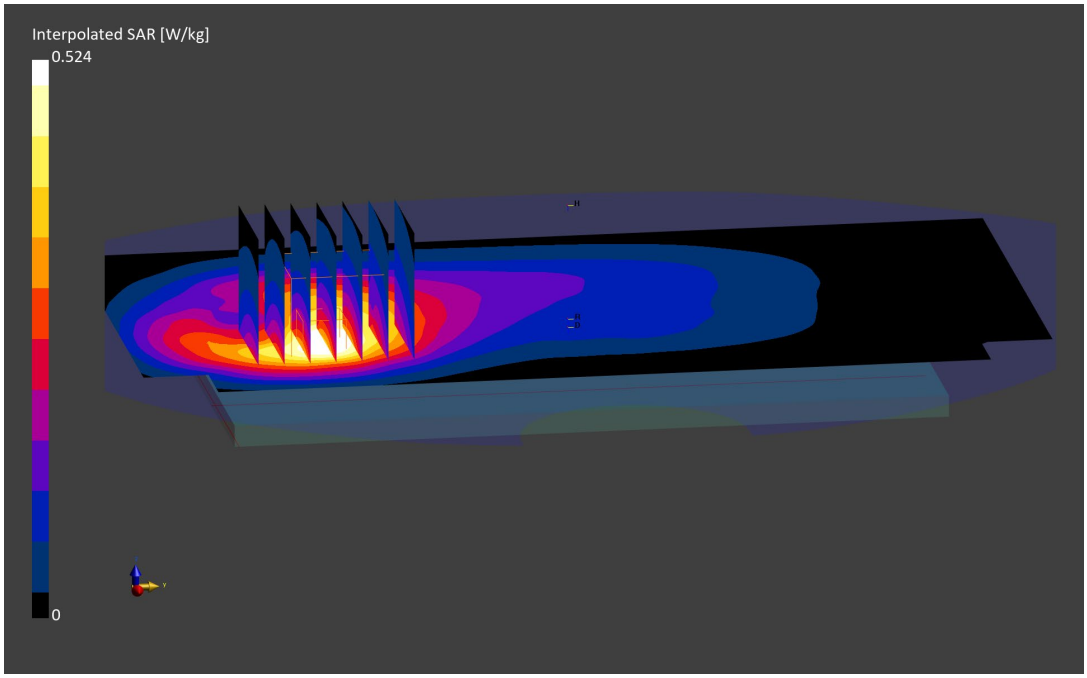
Communication System: UID:10027 - DAC, GSM; MAIA: Y; Frequency: 824.2 MHz
Medium: 835 Body; Medium parameters used:
f = 824.2 MHz; cond = 0.951 S/m; perm = 55.1; density = 1000 kg/m3
Phantom Section: Flat; Space: 10.00 mm

Test Date: 03/06/2023; Ambient Temp: 23.7°C; Tissue Temp: 20.1°C

Probe: EX3DV4 - SN7406; ConvF:(9.48,9.48,9.48); Calibrated: 2022-07-18
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1677; Calibrated: 2022-07-18
Phantom: Twin-SAM V8.0; Serial: 2064
Measurement SW: DASY Module SAR V16.2.0.1425

Mode: GPRS 850, Body SAR, Back Side, Low Ch., 3 Tx Slots

Area Scan (120.0 x 210.0): Measurement grid: dx=15.0 mm, dy=15.0 mm
Zoom Scan (30.0 x 30.0 x 30.0): Measurement grid: dx=6.0 mm, dy=6.0 mm, dz=1.5 mm; Graded Ratio: 1.5
Reference Value = 0.34 W/kg; Power Drift = -0.03 dB
Peak SAR (extrapolated) = 0.524 W/kg
SAR(1 g) = 0.322 W/kg
Smallest distance from peaks to all points 3 dB below is 16.2 mm
Ratio of SAR at M2 to SAR at M1 = 85.1 %



ELEMENT

DUT: PY7-84558E; Type: Portable Handset; Serial: 02144

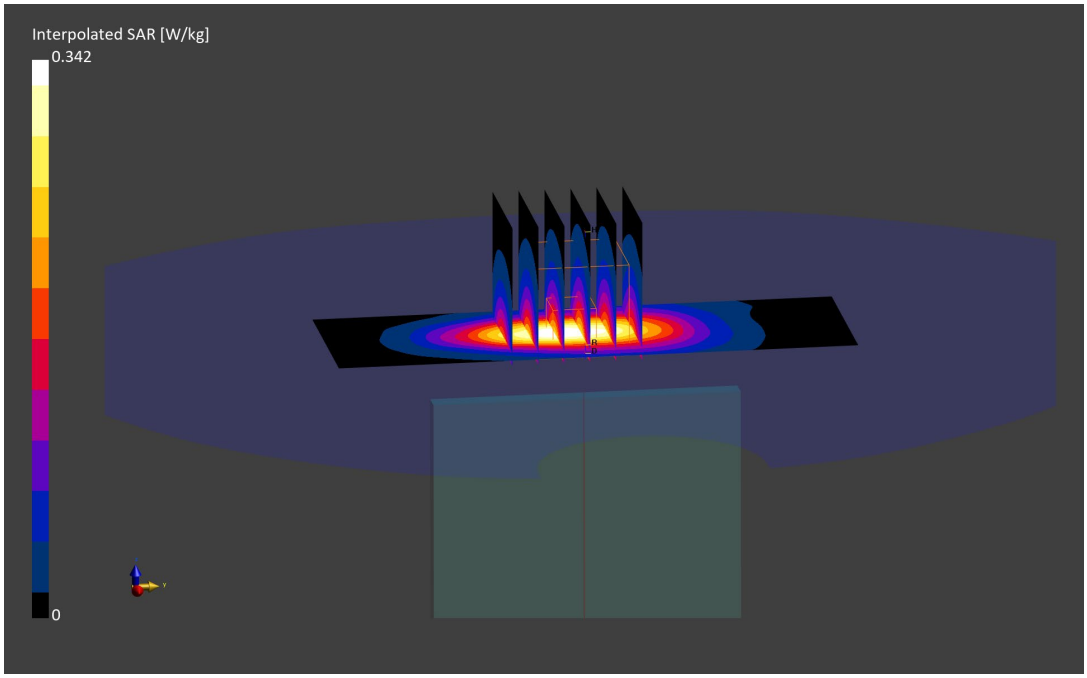
Communication System: UID:10028 - DAC, GSM; MAIA: Y; Frequency: 1880.0 MHz
Medium: 1900 Body; Medium parameters used:
f = 1880.0 MHz; cond = 1.55 S/m; perm = 51.7; density = 1000 kg/m3
Phantom Section: Flat; Space: 10.00 mm

Test Date: 03/17/2023; Ambient Temp: 21.1°C; Tissue Temp: 19.3°C

Probe: EX3DV4 - SN7409; ConvF:(7.66,7.66,7.66); Calibrated: 2022-06-16
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1334; Calibrated: 2022-06-14
Phantom: Twin-SAM V5.0; Serial: 1792
Measurement SW: DASY Module SAR V16.2.0.1425

Mode: GPRS 1900, Body SAR, Bottom Edge, Mid Ch., 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 = 0.22 W/kg; Power Drift = -0.03 dB
Peak SAR (extrapolated) = 0.342 W/kg
SAR(1 g) = 0.215 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 = 87.0 %



ELEMENT

DUT: PY7-84558E; Type: Portable Handset; Serial: 02144

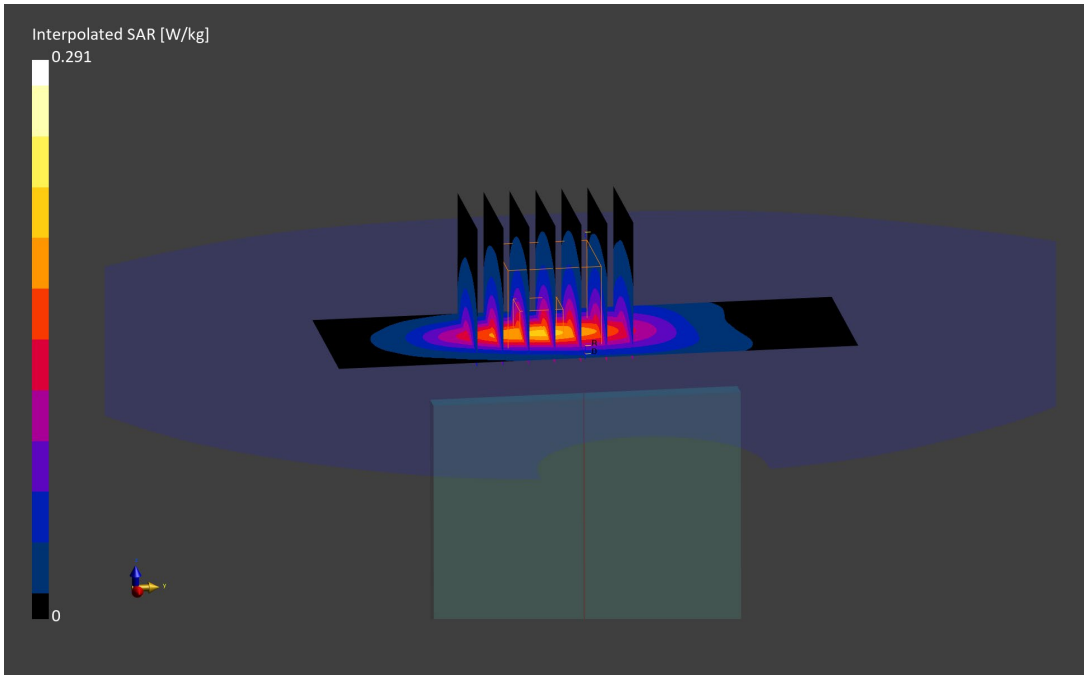
Communication System: UID:10011 - CAB, WCDMA; MAIA: Y; Frequency: 1732.4 MHz
Medium: 1750 Body; Medium parameters used:
f = 1732.4 MHz; cond = 1.45 S/m; perm = 53.4; density = 1000 kg/m3
Phantom Section: Flat; Space: 10.00 mm

Test Date: 03/14/2023; Ambient Temp: 21.7°C; Tissue Temp: 19.7°C

Probe: EX3DV4 - SN7406; ConvF:(8.06,8.06,8.06); Calibrated: 2022-07-18
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1677; Calibrated: 2022-07-18
Phantom: Twin-SAM V8.0; Serial: 2064
Measurement SW: DASY Module SAR V16.2.0.1425

Mode: UMTS 1750, Body SAR. Bottom Edge, Mid Ch.

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 = -0.09 dB
Peak SAR (extrapolated) = 0.291 W/kg
SAR(1 g) = 0.163 W/kg
Smallest distance from peaks to all points 3 dB below is 11.4 mm
Ratio of SAR at M2 to SAR at M1 = 81.7 %



ELEMENT

DUT: PY7-84558E; Type: Portable Handset; Serial: 02144

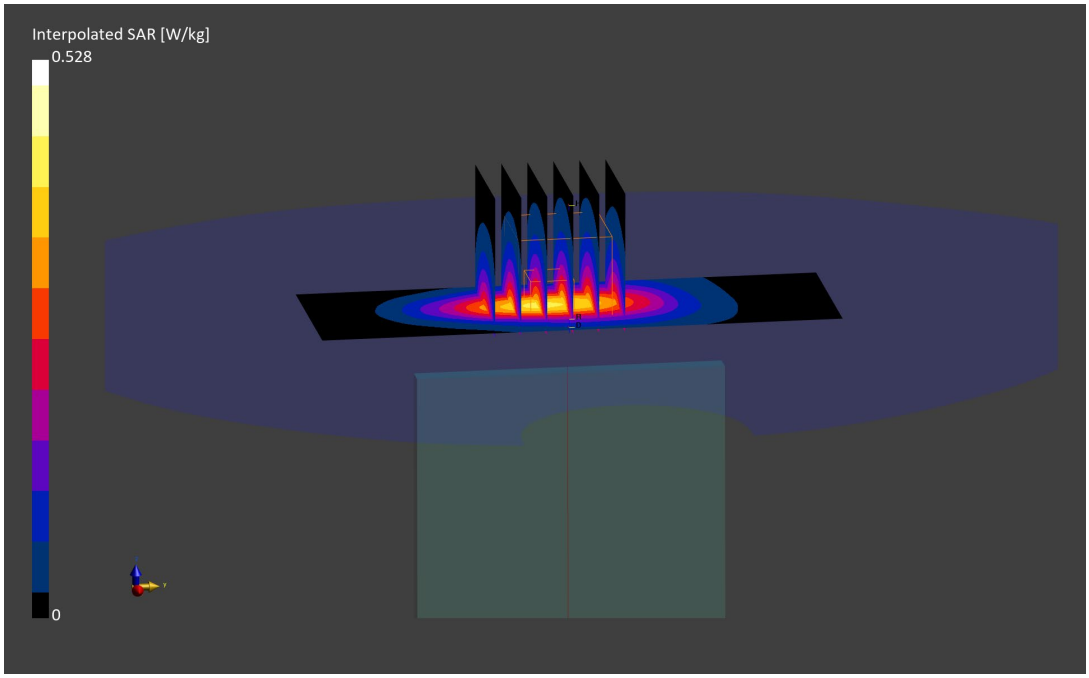
Communication System: UID:10011 - CAB, WCDMA; MAIA: Y; Frequency: 1880.0 MHz
Medium: 1900 Body; Medium parameters used:
f = 1880.0 MHz; cond = 1.54 S/m; perm = 53.0; density = 1000 kg/m3
Phantom Section: Flat; Space: 10.00 mm

Test Date: 03/15/2023; Ambient Temp: 19.1-C; Tissue Temp: 19.0-C

Probe: EX3DV4 - SN7409; ConvF:(7.66,7.66,7.66); Calibrated: 2022-06-16
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1334; Calibrated: 2022-06-14
Phantom: Twin-SAM V5.0; Serial: 1792
Measurement SW: DASY Module SAR V16.2.0.1425

Mode: UMTS 1900, Body SAR, Bottom Edge, Mid Ch.

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 = 0.33 W/kg; Power Drift = -0.02 dB
Peak SAR (extrapolated) = 0.528 W/kg
SAR(1 g) = 0.326 W/kg
Smallest distance from peaks to all points 3 dB below is 12.0 mm
Ratio of SAR at M2 to SAR at M1 = 85.8 %



ELEMENT

DUT: PY7-84558E; Type: Portable Handset; Serial: 02185

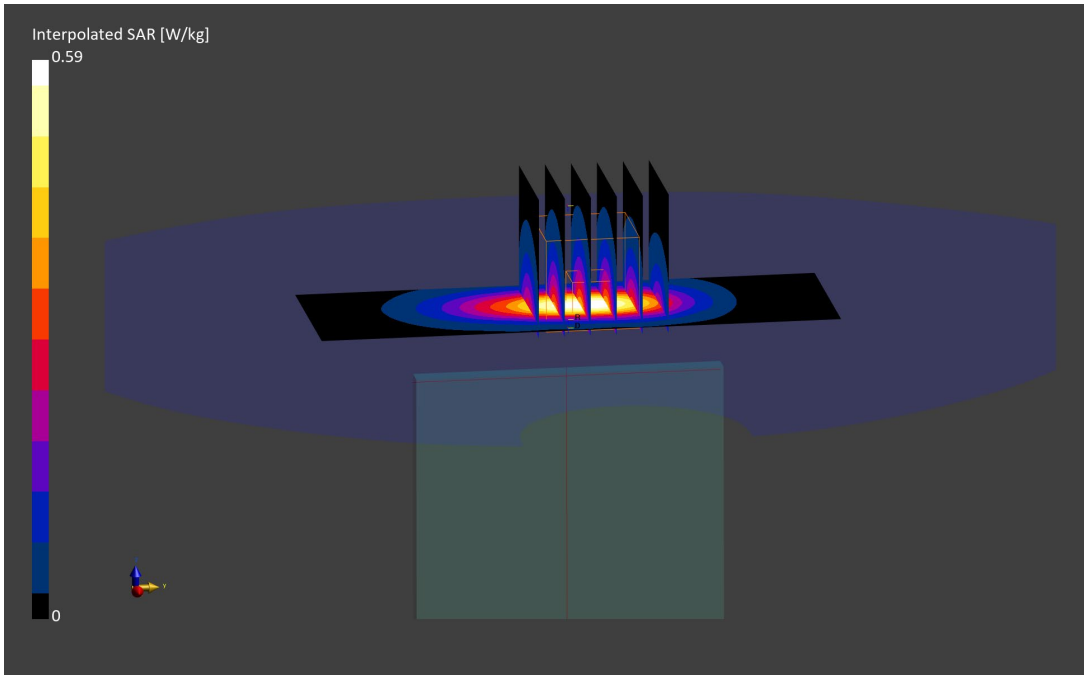
Communication System: UID:10169 - CAE, LTE-FDD; MAIA: Y; Frequency: 1745.0 MHz
Medium: 1750 Body; Medium parameters used:
f = 1745.0 MHz; cond = 1.44 S/m; perm = 53.3; density = 1000 kg/m3
Phantom Section: Flat; Space: 10.00 mm

Test Date: 03/15/2023; Ambient Temp: 19.1°C; Tissue Temp: 19.0°C

Probe: EX3DV4 - SN7409; ConvF:(8.01,8.01,8.01); Calibrated: 2022-06-16
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1334; Calibrated: 2022-06-14
Phantom: Twin-SAM V5.0; Serial: 1792
Measurement SW: DASY Module SAR V16.2.0.1425

Mode: LTE Band 66 (AWS), Sub Antenna, Body SAR, Top Edge, Mid Ch., 20 MHz Bandwidth, QPSK, 1 RB, 50 RB Offset

Area Scan (40.0 x 120.0): Measurement grid: dx=5.0 mm, dy=15.0 mm
Zoom Scan (30.0 x 30.0 x 30.0): Measurement grid: dx=6.0 mm, dy=6.0 mm, dz=1.5 mm; Graded Ratio: 1.5
Reference Value = 0.26 W/kg; Power Drift = 0.00 dB
Peak SAR (extrapolated) = 0.590 W/kg
SAR(1 g) = 0.265 W/kg
Smallest distance from peaks to all points 3 dB below is 9.6 mm
Ratio of SAR at M2 to SAR at M1 = 83.9 %



ELEMENT

DUT: PY7-84558E; Type: Portable Handset; Serial: 02144

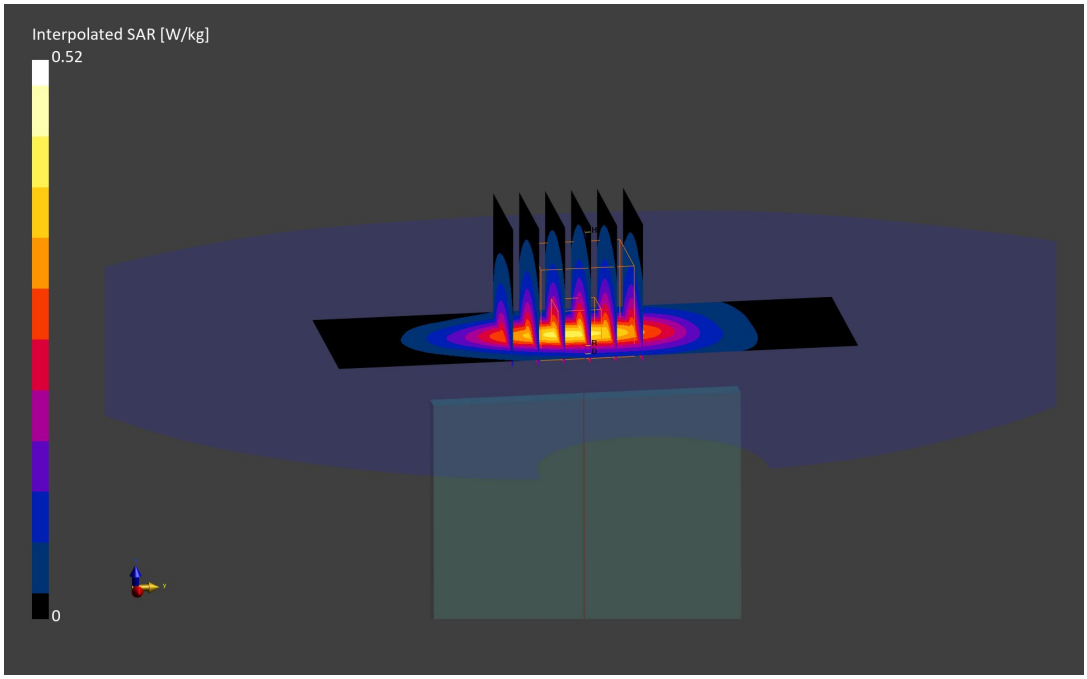
Communication System: UID:10169 - CAE, LTE-FDD; MAIA: Y; Frequency: 1882.5 MHz
Medium: 1900 Body; Medium parameters used:
f = 1882.5 MHz; cond = 1.55 S/m; perm = 53.0; density = 1000 kg/m3
Phantom Section: Flat; Space: 10.00 mm

Test Date: 03/15/2023; Ambient Temp: 19.1°C; Tissue Temp: 19.0°C

Probe: EX3DV4 - SN7409; ConvF:(7.66,7.66,7.66); Calibrated: 2022-06-16
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1334; Calibrated: 2022-06-14
Phantom: Twin-SAM V5.0; Serial: 1792
Measurement SW: DASY Module SAR V16.2.0.1425

Mode: LTE Band 25, Main 2 Antenna, Body SAR , Bottom edge, Mid Ch, 20 MHz Bandwidth, QPSK, 1 RB, 50 RB Offset

Area Scan (40.0 x 120.0): Measurement grid: dx=5.0 mm, dy=15.0 mm
Zoom Scan (30.0 x 30.0 x 30.0): Measurement grid: dx=6.0 mm, dy=6.0 mm, dz=1.5 mm; Graded Ratio: 1.5
Reference Value = 0.33 W/kg; Power Drift = -0.02 dB
Peak SAR (extrapolated) = 0.520 W/kg
SAR(1 g) = 0.328 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 = 87.6 %



ELEMENT

DUT: PY7-84558E; Type: Portable Handset; Serial: 02185

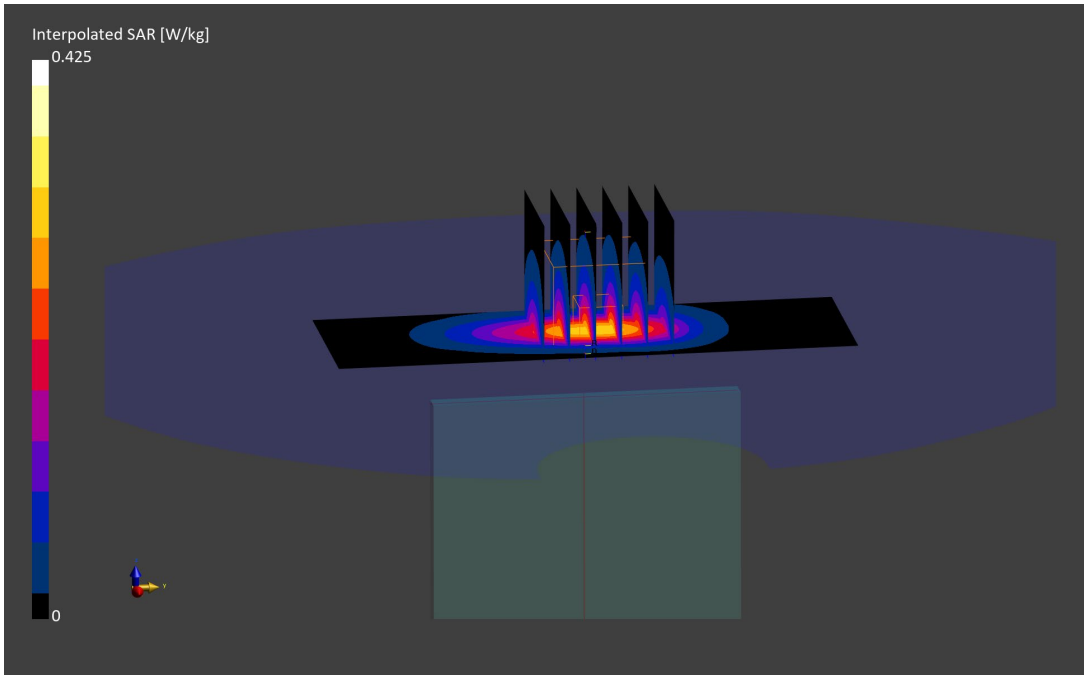
Communication System: UID:10169 - CAE, LTE-FDD; MAIA: Y; Frequency: 1860.0 MHz
Medium: 1900 Body; Medium parameters used:
f = 1860.0 MHz; cond = 1.52 S/m; perm = 53.1; density = 1000 kg/m3
Phantom Section: Flat; Space: 10.00 mm

Test Date: 03/15/2023; Ambient Temp: 19.1°C; Tissue Temp: 19.0°C

Probe: EX3DV4 - SN7409; ConvF:(7.66,7.66,7.66); Calibrated: 2022-06-16
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1334; Calibrated: 2022-06-14
Phantom: Twin-SAM V5.0; Serial: 1792
Measurement SW: DASY Module SAR V16.2.0.1425

Mode: LTE Band 2, Sub Antenna, Body SAR, Top Edge, Low Ch, 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 = 0.25 W/kg; Power Drift = 0.03 dB
Peak SAR (extrapolated) = 0.425 W/kg
SAR(1 g) = 0.249 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 = 85.0 %



ELEMENT

DUT: PY7-84558E; Type: Portable Handset; Serial: 02144

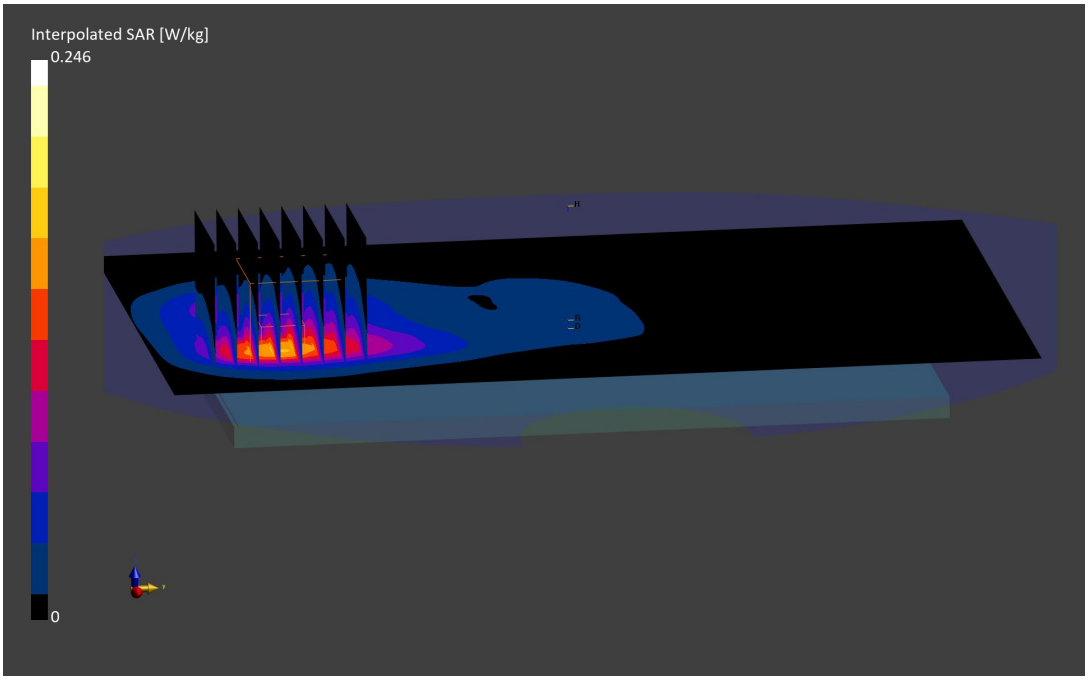
Communication System: UID:10175 - CAG, LTE-FDD; MAIA: Y; Frequency: 2310.0 MHz
Medium: 2450 Body; Medium parameters used:
f = 2310.0 MHz; cond = 1.81 S/m; perm = 53.4; density = 1000 kg/m3
Phantom Section: Flat; Space: 10.00 mm

Test Date: 03/13/2023; Ambient Temp: 22.3°C; Tissue Temp: 21.7°C

Probe: EX3DV4 - SN7551; ConvF:(7.75,7.75,7.75); Calibrated: 2022-11-11
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1323; Calibrated: 2022-11-10
Phantom: Twin-SAM V8.0; Serial: 2057
Measurement SW: DASY Module SAR V16.2.0.1425

Mode: LTE Band 30, Main 2 Antenna, Body SAR, Front Side, 10 MHz Bandwidth, Mid Ch., 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 = 0.15 W/kg; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 0.246 W/kg
SAR(1 g) = 0.138 W/kg
Smallest distance from peaks to all points 3 dB below is 11.8 mm
Ratio of SAR at M2 to SAR at M1 = 84.6 %



ELEMENT

DUT: PY7-84558E; Type: Portable Handset; Serial: 02144

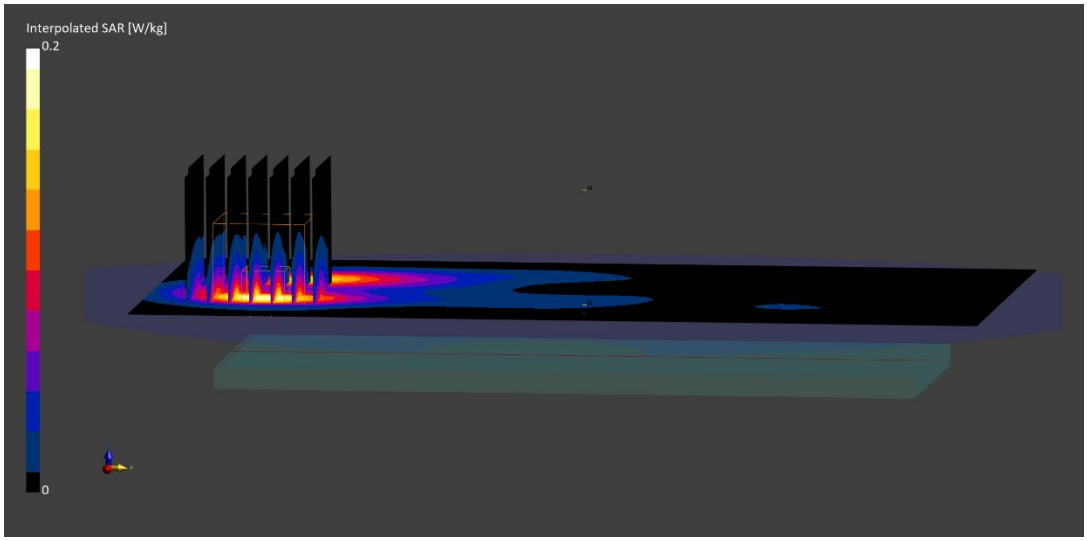
Communication System: UID:10494 - AAF, LTE-TDD; MAIA: Y; Frequency: 2636.5 MHz
Medium: 2450 Body; Medium parameters used:
f = 2636.5 MHz; cond = 2.27 S/m; perm = 52.2; density = 1000 kg/m3
Phantom Section: Flat; Space: 10.00 mm

Test Date: 03/13/2023; Ambient Temp: 22.3°C; Tissue Temp: 21.7°C

Probe: EX3DV4 - SN7551; ConvF:(7.45,7.45,7.45); Calibrated: 2022-11-11
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1323; Calibrated: 2022-11-10
Phantom: Twin-SAM V8.0; Serial: 2057
Measurement SW: DASY Module SAR V16.2.0.1425

Mode: LTE Band 41, Main 2 Antenna, Body SAR, Front Side, Mid-high Ch., 20 MHz Bandwidth, QPSK, 50 RB, 25 RB Offset

Area Scan (120.0 x 200.0): Measurement grid: dx=10.0 mm, dy=10.0 mm
Zoom Scan (30.0 x 30.0 x 30.0): Measurement grid: dx=5.0 mm, dy=5.0 mm, dz=1.5 mm; Graded Ratio: 1.5
Reference Value = 0.15 W/kg; Power Drift = 0.00 dB
Peak SAR (extrapolated) = 0.294 W/kg
SAR(1 g) = 0.136 W/kg
Smallest distance from peaks to all points 3 dB below is 10.1 mm
Ratio of SAR at M2 to SAR at M1 = 78.4 %



ELEMENT

DUT: PY7-84558E; Type: Portable Handset; Serial: 02805

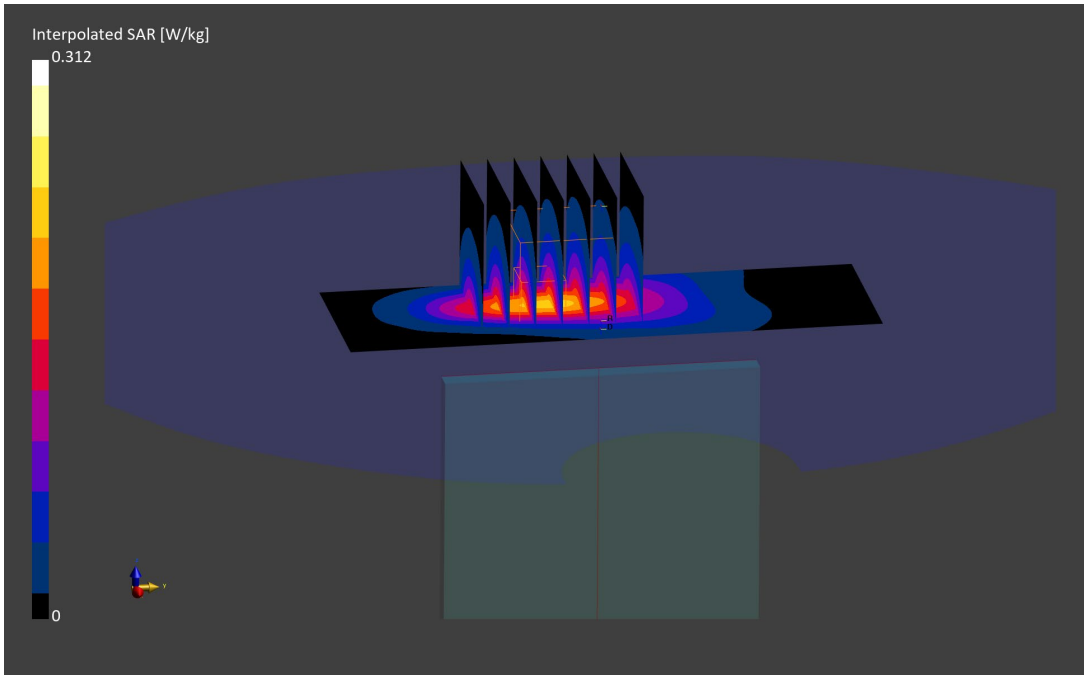
Communication System: UID:10931 - AAC, 5G NR FR1 FDD; MAIA: Y; Frequency: 1745.0 MHz
Medium: 1750 Body; Medium parameters used:
f = 1745.0 MHz; cond = 1.42 S/m; perm = 52.8; density = 1000 kg/m3
Phantom Section: Flat; Space: 10.00 mm

Test Date: 03/13/2023; Ambient Temp: 21.9°C; Tissue Temp: 20.8°C

Probe: EX3DV4 - SN7639; ConvF:(9.36,9.36,9.36); Calibrated: 2022-11-14
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1646; Calibrated: 2022-11-10
Phantom: Twin-SAM V8.0; Serial: 1936
Measurement SW: DASY Module SAR V16.2.0.1425

Mode: NR Band n66, Main 2 Antenna, Body SAR, Bottom Edge, Ch. 349000, 20 MHz Bandwidth, DFT-s-OFDM QPSK, 1 RB, 53 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 = 0.16 W/kg; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 0.312 W/kg
SAR(1 g) = 0.177 W/kg
Smallest distance from peaks to all points 3 dB below is 10.8 mm
Ratio of SAR at M2 to SAR at M1 = 83.0 %



ELEMENT

DUT: PY7-84558E; Type: Portable Handset; Serial: 02805

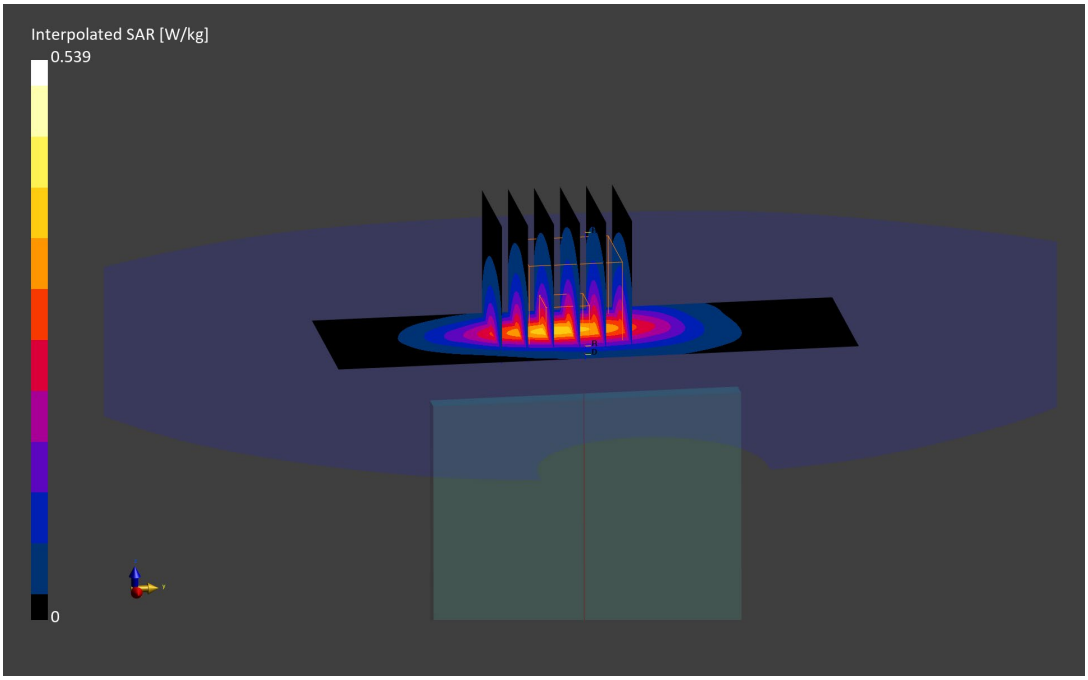
Communication System: UID:10939 - AAC, 5G NR FR1 FDD; MAIA: Y; Frequency: 1860.0 MHz
Medium: 1900 Body; Medium parameters used:
f = 1860.0 MHz; cond = 1.50 S/m; perm = 52.6; density = 1000g/m3
Phantom Section: Flat; Space: 10.00 mm

Test Date: 03/13/2023; Ambient Temp: 21.9°C; Tissue Temp: 20.8°C

Probe: EX3DV4 - SN7639; ConvF:(8.96,8.96,8.96); Calibrated: 2022-11-14
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1646; Calibrated: 2022-11-10
Phantom: Twin-SAM V8.0; Serial: 1936
Measurement SW: DASY Module SAR V16.2.0.1425

Mode: NR Band n25, Main 2 Antenna, Body SAR, Bottom Edge, Ch. 372000, 20 MHz Bandwidth, DFT-s-OFDM QPSK, 50 RB, 0 RB Offset

Area Scan (40.0 x 120.0): Measurement grid: dx=5.0 mm, dy=15.0 mm
Zoom Scan (30.0 x 30.0 x 30.0): Measurement grid: dx=6.0 mm, dy=6.0 mm, dz=1.5 mm; Graded Ratio: 1.5
Reference Value = 0.28 W/kg; Power Drift = -0.11 dB
Peak SAR (extrapolated) = 0.539 W/kg
SAR(1 g) = 0.307 W/kg
Smallest distance from peaks to all points 3 dB below is 10.9 mm
Ratio of SAR at M2 to SAR at M1 = 83.4 %



ELEMENT

DUT: PY7-84558E; Type: Portable Handset; Serial: 02508

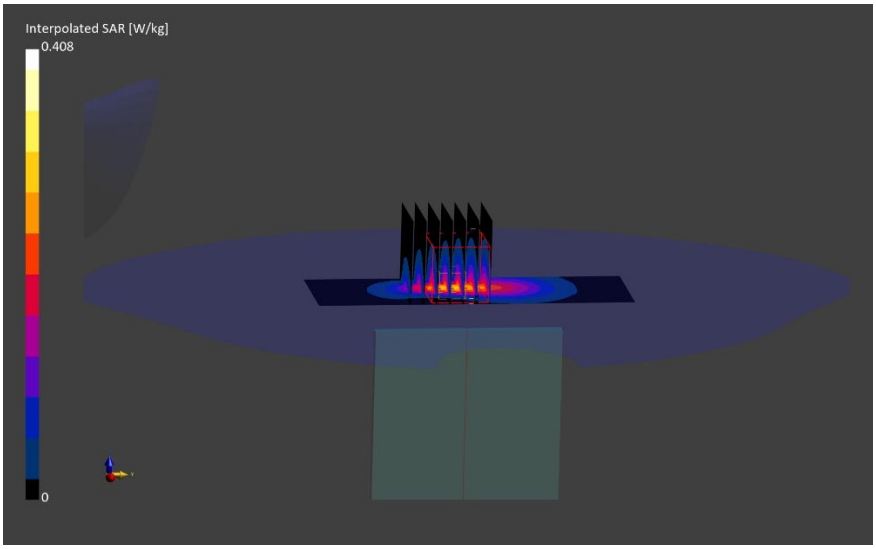
Communication System: UID:10937 - AAC, 5G NR FR1 FDD; MAIA: Y; Frequency: 2310.0 MHz
Medium: 2450 Body; Medium parameters used:
f = 2310.0 MHz; cond = 1.86 S/m; perm = 52.0; density = 1000 kg/m^3
Phantom Section: Flat; Space: 10.00 mm

Test Date: 03/13/2023; Ambient Temp: 22.3°C; Tissue Temp: 21.3°C

Probe: EX3DV4 - SN7420; ConvF:(7.6,7.6,7.6); Calibrated: 2022-10-20
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1333; Calibrated: 2022-10-13
Phantom: Twin-SAM V8.0; Serial: 1736
Measurement SW: DASY Module SAR V16.2.0.1425

Mode: NR Band n30, Main 2 Antenna, Body SAR, Bottom Edge, Ch. 462000, 10 MHz Bandwidth, DFT-s-OFDM QPSK, 25 RB, 14 RB Offset

Area Scan (40.0 x 120.0): Measurement grid: dx=5.0 mm, dy=10.0 mm
Zoom Scan (30.0 x 30.0 x 30.0): Measurement grid: dx=5.0 mm, dy=5.0 mm, dz=1.5 mm; Graded Ratio: 1.5
Reference Value = 0.18 W/kg; Power Drift = 0.06 dB
Peak SAR (extrapolated) = 0.409 W/kg
SAR(1 g) = 0.216 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 = 83.0 %



ELEMENT

DUT: PY7-84558E; Type: Portable Handset; Serial: 02805

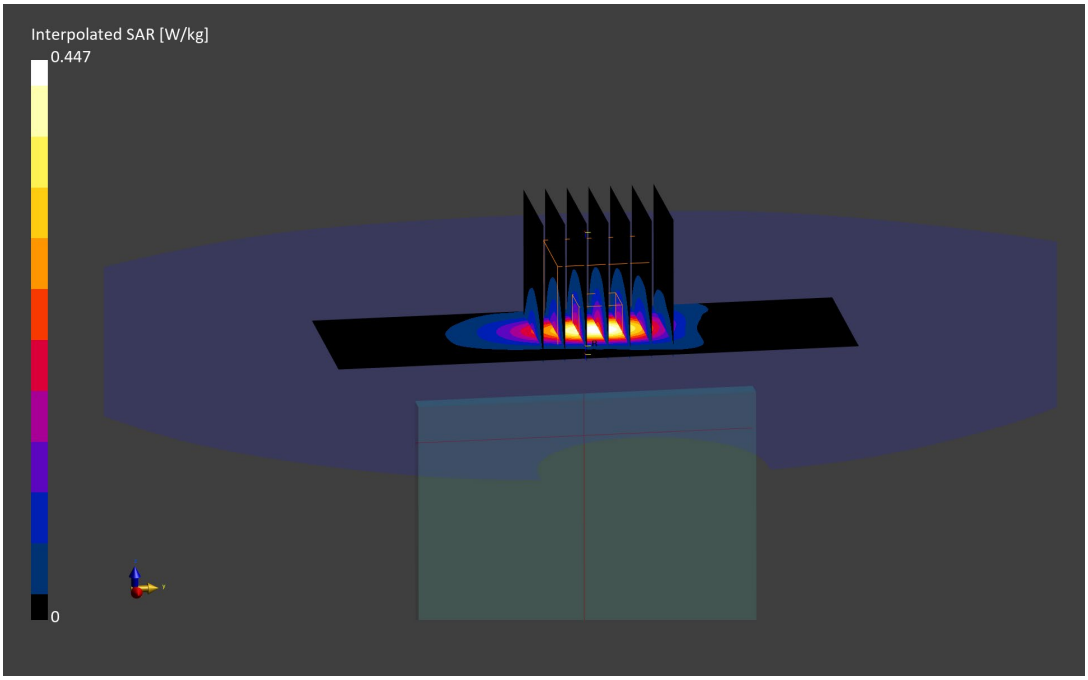
Communication System: UID:10803 - AAD, 5G NR FR1 TDD; MAIA: Y; Frequency: 2593.0 MHz
Medium: 2450 Body; Medium parameters used:
f = 2593.0 MHz; cond = 2.21 S/m; perm = 50.4; density = 1000 kg/m3
Phantom Section: Flat; Space: 10.00 mm

Test Date: 03/15/2023; Ambient Temp: 22.1°C; Tissue Temp: 22.3°C

Probe: EX3DV4 - SN7420; ConvF:(7.27,7.27,7.27); Calibrated: 2022-10-20
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1333; Calibrated: 2022-10-13
Phantom: Twin-SAM V8.0; Serial: 1736
Measurement SW: DASY Module SAR V16.2.0.1425

Mode: NR Band n41, Sub Antenna, Body SAR, Top Edge, Ch. 518598, 100 MHz Bandwidth, CP-OFDM QPSK, 1 RB, 1 RB Offset

Area Scan (40.0 x 120.0): Measurement grid: dx=5.0 mm, dy=10.0 mm
Zoom Scan (30.0 x 30.0 x 30.0): Measurement grid: dx=5.0 mm, dy=5.0 mm, dz=1.5 mm; Graded Ratio: 1.5
Reference Value = 0.17 W/kg; Power Drift = -0.02 dB
Peak SAR (extrapolated) = 0.447 W/kg
SAR(1 g) = 0.206 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 = 79.4 %



ELEMENT

DUT: PY7-84558E; Type: Portable Handset; Serial: 02748

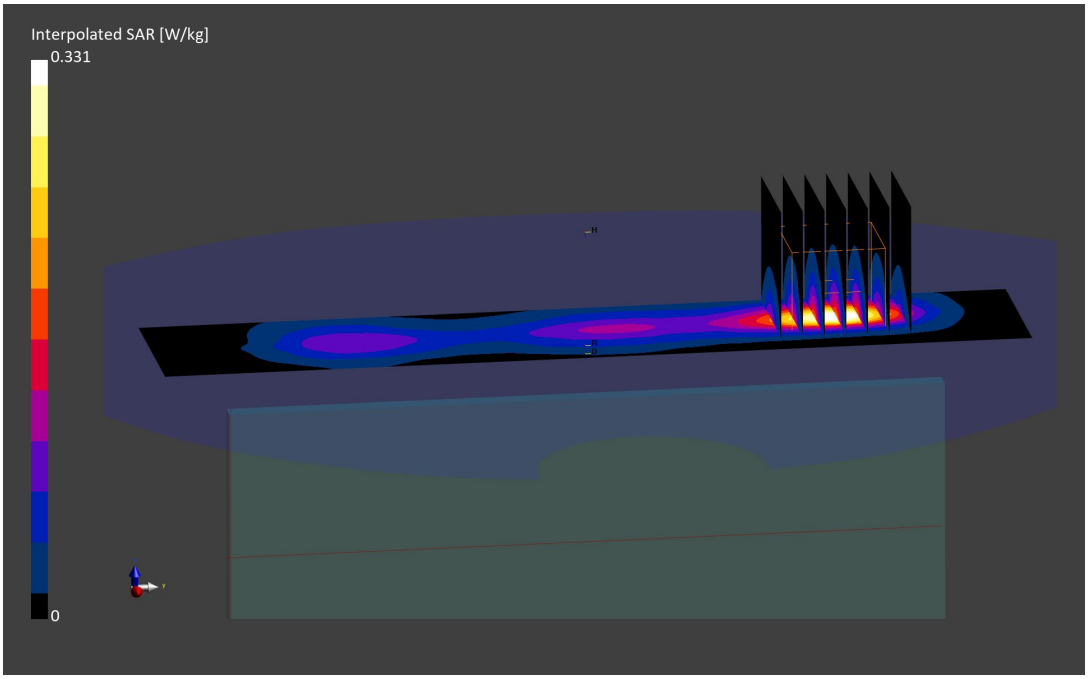
Communication System: UID:10196 - CAD, WLAN; MAIA: Y; Frequency: 2437.0 MHz
Medium: 2450 Body; Medium parameters used:
f = 2437.0 MHz; cond = 2.00 S/m; perm = 51.5; density = 1000 kg/m3
Phantom Section: Flat; Space: 10.00 mm

Test Date: 03/01/2023; Ambient Temp: 22.3°C; Tissue Temp: 20.5°C

Probe: EX3DV4 - SN7410; ConvF:(7.52,7.52,7.52); Calibrated: 2022-07-19
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1583; Calibrated: 2022-07-18
Phantom: Twin-SAM V8.0; Serial: 1966
Measurement SW: DASY Module SAR V16.2.0.1425

Mode: IEEE 802.11n, 20 MHz Bandwidth, MIMO, Body SAR, Left Edge, Ch. 6, 13 Mbps

Area Scan (40.0 x 200.0): Measurement grid: dx=5.0 mm, dy=10.0 mm
Zoom Scan (30.0 x 30.0 x 30.0): Measurement grid: dx=5.0 mm, dy=5.0 mm, dz=1.5 mm; Graded Ratio: 1.5
Reference Value = 0.16 W/kg; Power Drift = 0.00 dB
Peak SAR (extrapolated) = 0.331 W/kg
SAR(1 g) = 0.162 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 = 79.5 %



ELEMENT

DUT: PY7-84558E; Type: Portable Handset; Serial: 02748

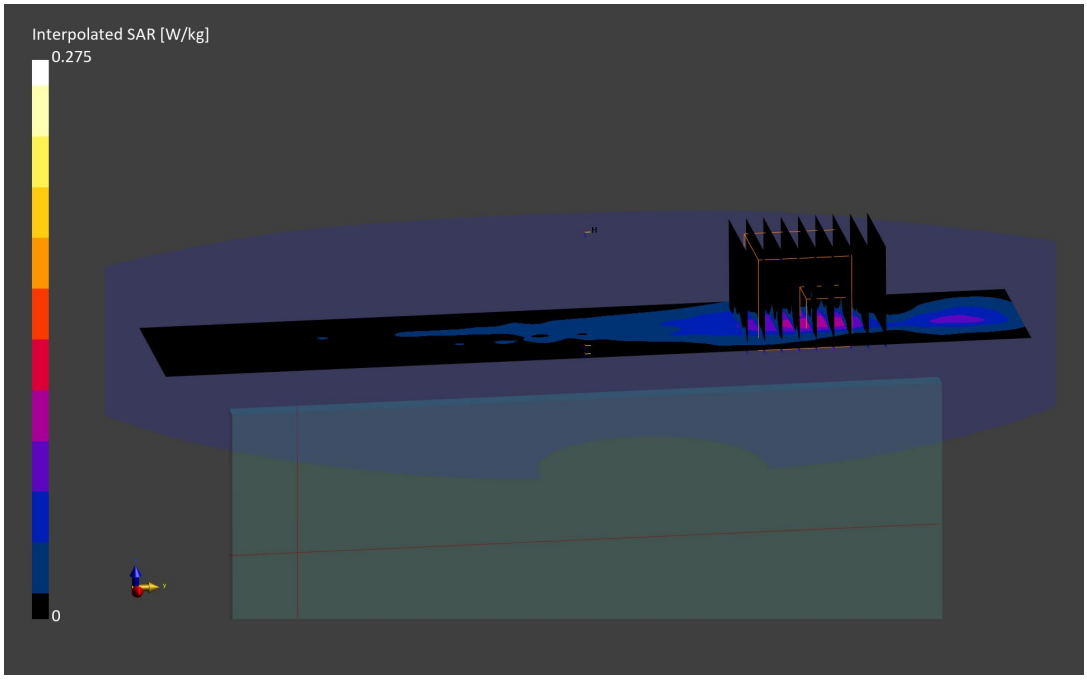
Communication System: UID:10117 - CAD, WLAN; MAIA: Y; Frequency: 5795.0 MHz
Medium: 5200-5800 Body; Medium parameters used:
f = 5795.0 MHz; cond = 5.95 S/m; perm = 46.4; density = 1000 kg/m3
Phantom Section: Flat; Space: 10.00 mm

Test Date: 03/06/2023; Ambient Temp: 23.0°C; Tissue Temp: 21.3°C

Probe: EX3DV4 - SN7659; ConvF:(4.67,4.67,4.67); Calibrated: 2022-04-20
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1407; Calibrated: 2022-04-13
Phantom: Twin-SAM V5.0; Serial: 1873
Measurement SW: DASY Module SAR V16.2.0.1425

Mode: IEEE 802.11n, 40 MHz Bandwidth, UNII-3, MIMO, Ch. 159, Body SAR, Left Edge, 27 Mbps

Area Scan (40.0 x 200.0): Measurement grid: dx=5.0 mm, dy=10.0 mm
Zoom Scan (22.0 x 22.0 x 22.0): Measurement grid: dx=4.0 mm, dy=4.0 mm, dz=1.4 mm; Graded Ratio: 1.4
Reference Value = 0.02 W/kg; Power Drift = 0.03 dB
Peak SAR (extrapolated) = 0.275 W/kg
SAR(1 g) = 0.060 W/kg
Smallest distance from peaks to all points 3 dB below is 6.6 mm
Ratio of SAR at M2 to SAR at M1 = 57.9 %



ELEMENT

DUT: PY7-84558E; Type: Portable Handset; Serial: 02862

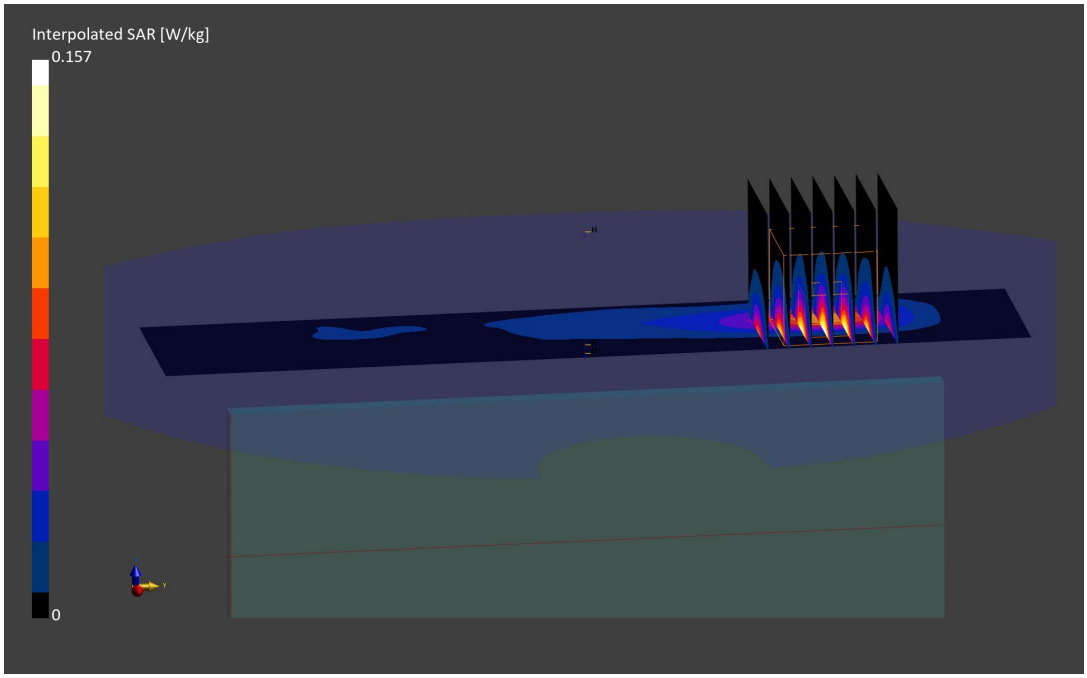
Communication System: UID:10032 - CAA, Bluetooth; MAIA: Y; Frequency: 2480.0 MHz
Medium: 2450 Body; Medium parameters used:
f = 2480.0 MHz; cond = 2.06 S/m; perm = 50.8; density = 1000 kg/m^3
Phantom Section: Flat; Space: 10.00 mm

Test Date: 03/15/2023; Ambient Temp: 22.1°C; Tissue Temp: 22.3°C

Probe: EX3DV4 - SN7420; ConvF:(7.47,7.47,7.47); Calibrated: 2022-10-20
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1333; Calibrated: 2022-10-13
Phantom: Twin-SAM V8.0; Serial: 1736
Measurement SW: DASY Module SAR V16.2.0.1425

Mode: Bluetooth, WiFi Main Antenna, Body SAR, Ch. 78, 1Mbps, Left Edge

Area Scan (40.0 x 200.0): Measurement grid: dx=5.0 mm, dy=10.0 mm
Zoom Scan (30.0 x 30.0 x 30.0): Measurement grid: dx=5.0 mm, dy=5.0 mm, dz=1.5 mm; Graded Ratio: 1.5
Reference Value = 0.07 W/kg; Power Drift = 0.15 dB
Peak SAR (extrapolated) = 0.157 W/kg
SAR(1 g) = 0.078 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 = 85.9 %



ELEMENT

DUT: PY7-84558E; Type: Portable Handset; Serial: 02185

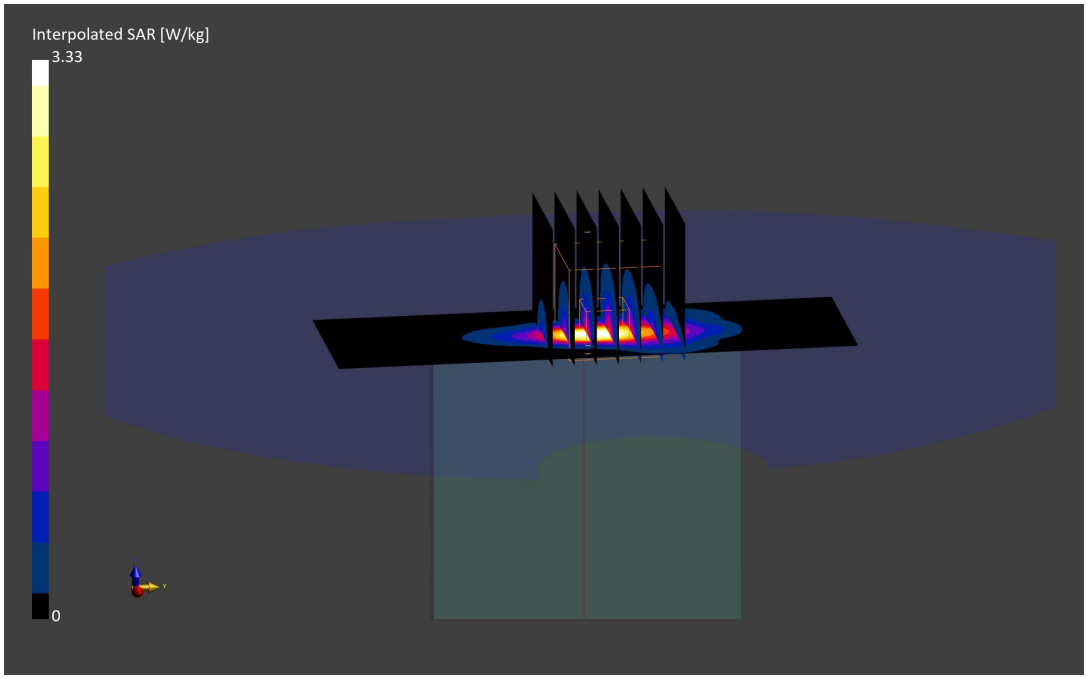
Communication System: UID:10169 - CAE, LTE-FDD; MAIA: Y; Frequency: 1745.0 MHz
Medium: 1750 Body; Medium parameters used:
f = 1745.0 MHz; cond = 1.48 S/m; perm = 53.7; density = 1000 kg/m3
Phantom Section: Flat; Space: 0.00 mm

Test Date: 03/19/2023; Ambient Temp: 21.9°C; Tissue Temp: 19.4°C

Probe: EX3DV4 - SN7409; ConvF:(8.01,8.01,8.01); Calibrated: 2022-06-16
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1334; Calibrated: 2022-06-14
Phantom: Twin-SAM V5.0; Serial: 1792
Measurement SW: DASY Module SAR V16.2.0.1425

Mode: LTE Band 66 (AWS), Sub Antenna, Phablet SAR, Top Edge, Mid Ch, 20 MHz Bandwidth, QPSK, 1 RB, 50 RB Offset

Area Scan (40.0 x 120.0): Measurement grid: dx=5.0 mm, dy=15.0 mm
Zoom Scan (30.0 x 30.0 x 30.0): Measurement grid: dx=5.1 mm, dy=5.1 mm, dz=1.5 mm; Graded Ratio: 1.5
Reference Value = 1.50 W/kg; Power Drift = 0.00 dB
Peak SAR (extrapolated) = 3.33 W/kg
SAR(10 g) = 0.588 W/kg
Smallest distance from peaks to all points 3 dB below is 6.2 mm
Ratio of SAR at M2 to SAR at M1 = 78.2 %



ELEMENT

DUT: PY7-84558E; Type: Portable Handset; Serial: 02144

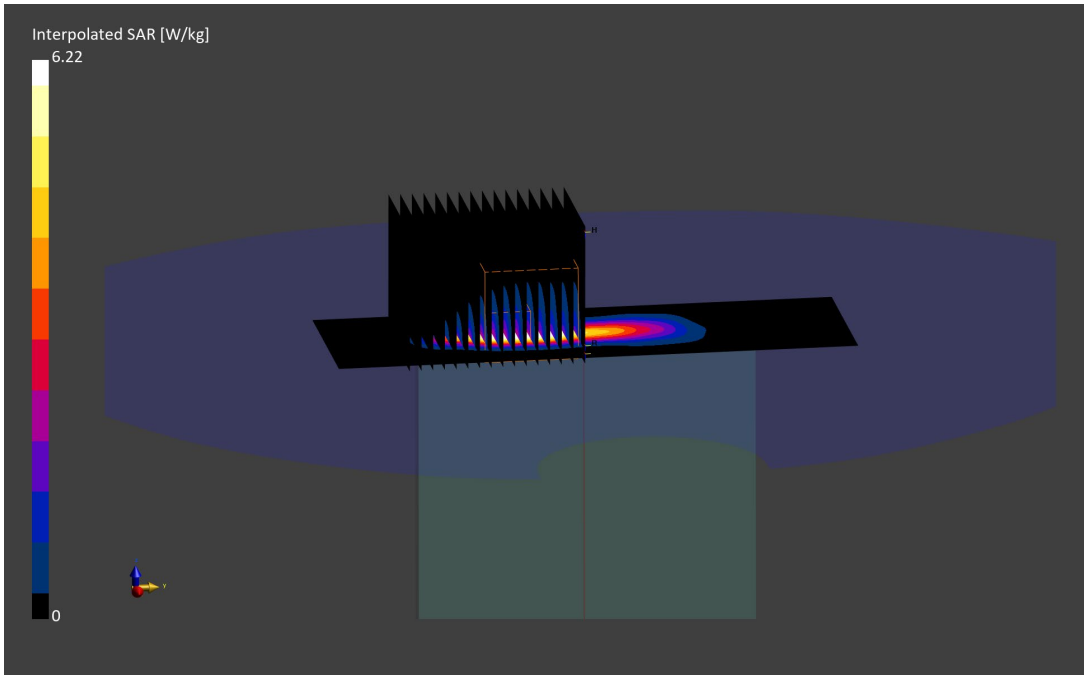
Communication System: UID:10297 - AAD, LTE-FDD; MAIA: Y; Frequency: 1882.5 MHz
Medium: 1900 Body; Medium parameters used:
f = 1882.5 MHz; cond = 1.55 S/m; perm = 53.0; density = 1000 kg/m3
Phantom Section: Flat; Space: 0.00 mm

Test Date: 03/15/2023; Ambient Temp: 19.1°C; Tissue Temp: 19.0°C

Probe: EX3DV4 - SN7409; ConvF:(7.66,7.66,7.66); Calibrated: 2022-06-16
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1334; Calibrated: 2022-06-14
Phantom: Twin-SAM V5.0; Serial: 1792
Measurement SW: DASY Module SAR V16.2.0.1425

Mode: LTE Band 25, Main 2 Antenna, Phablet SAR, Bottom Edge, Mid Ch., 20 MHz Bandwidth, QPSK, 50 RB, 50 RB Offset

Area Scan (40.0 x 120.0): Measurement grid: dx=5.0 mm, dy=15.0 mm
Zoom Scan (30.0 x 30.0 x 30.0): Measurement grid: dx=2.7 mm, dy=2.7 mm, dz=1.2 mm; Graded Ratio: 1.2
Reference Value = 1.95 W/kg; Power Drift = -0.02 dB
Peak SAR (extrapolated) = 6.22 W/kg
SAR(10 g) = 0.759 W/kg
Smallest distance from peaks to all points 3 dB below is 4.2 mm
Ratio of SAR at M2 to SAR at M1 = 73.8 %



ELEMENT

DUT: PY7-84558E; Type: Portable Handset; Serial: 02185

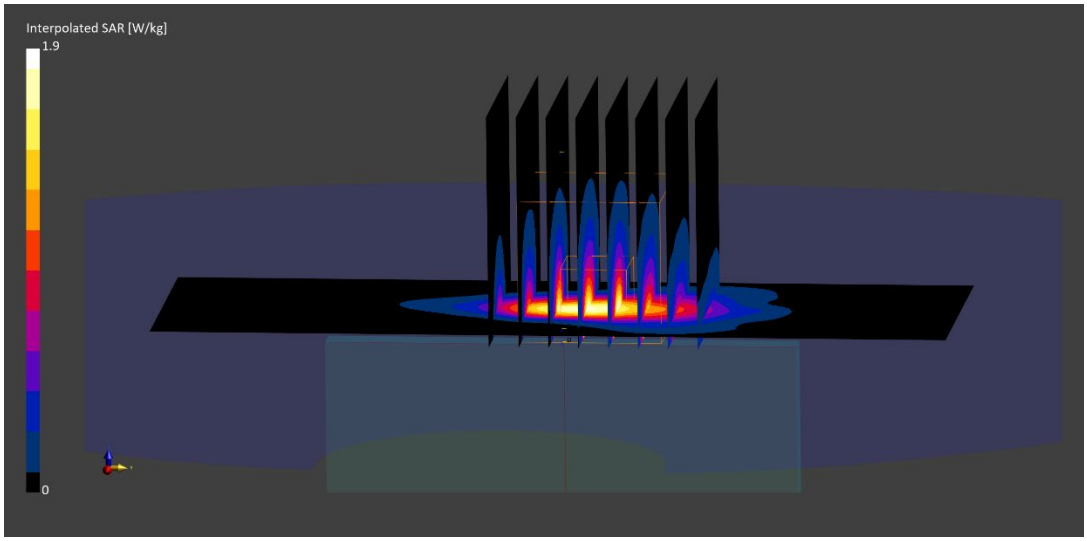
Communication System: UID:10169 - CAE, LTE-FDD; MAIA: Y; Frequency: 1860.0 MHz
Medium: 1900 Body; Medium parameters used:
f = 1860.0 MHz; cond = 1.48 S/m; perm = 52.3; density = 1000 kg/m3
Phantom Section: Flat; Space: 0.00 mm

Test Date: 03/20/2023; Ambient Temp: 22.1°C; Tissue Temp: 21.9°C

Probe: EX3DV4 - SN7551; ConvF:(7.83,7.83,7.83); Calibrated: 2022-11-11
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1323; Calibrated: 2022-11-10
Phantom: Twin-SAM V8.0; Serial: 2057
Measurement SW: DASY Module SAR V16.2.0.1425

Mode: LTE Band 2, Sub Antenna, Phablet SAR, Top edge, Low Ch, 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=4.5 mm, dy=4.5 mm, dz=1.4 mm; Graded Ratio: 1.4
Reference Value = 1.67 W/kg; Power Drift = 0.05 dB
Peak SAR (extrapolated) = 3.25 W/kg
SAR(10 g) = 0.546 W/kg
Smallest distance from peaks to all points 3 dB below is 5.7 mm
Ratio of SAR at M2 to SAR at M1 = 77.3 %



ELEMENT

DUT: PY7-84558E; Type: Portable Handset; Serial: 02805

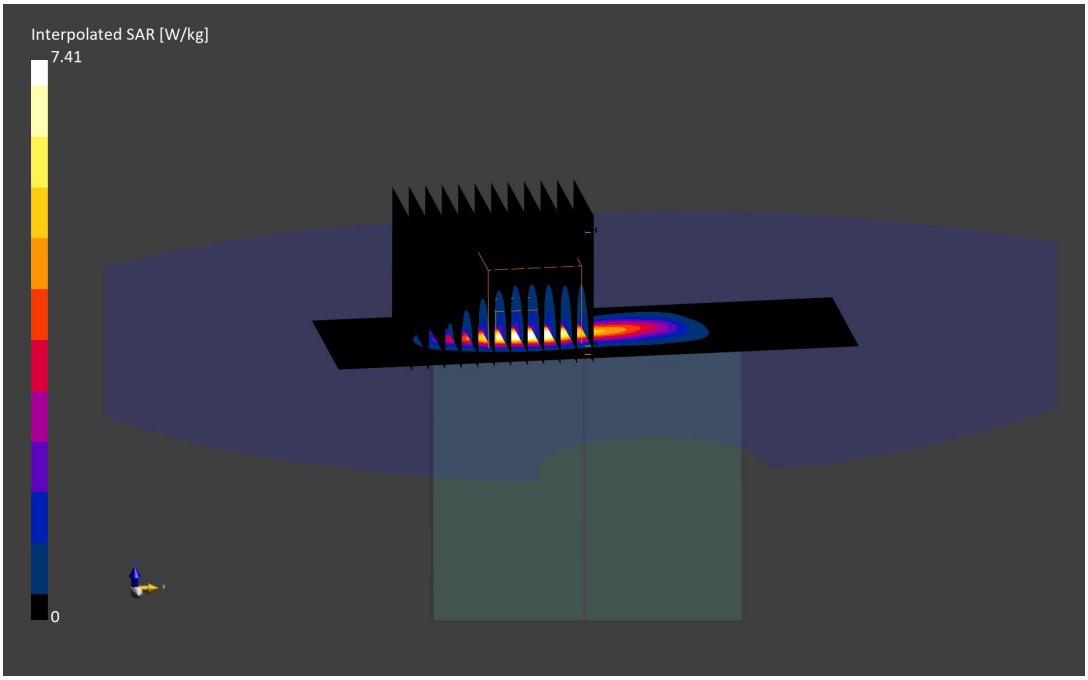
Communication System: UID:10770 - AAD, CW; MAIA: Y; Frequency: 1860.0 MHz
Medium: 1900 Body; Medium parameters used:
f = 1860.0 MHz; cond = 1.50 S/m; perm = 52.6; density = 1000 kg/m3
Phantom Section: Flat; Space: 0.00 mm

Test Date: 03/13/2023; Ambient Temp: 21.9°C; Tissue Temp: 20.8°C

Probe: EX3DV4 - SN7639; ConvF:(8.96,8.96,8.96); Calibrated: 2022-11-14
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1646; Calibrated: 2022-11-10
Phantom: Twin-SAM V8.0; Serial: 1936
Measurement SW: DASY Module SAR V16.2.0.1425

Mode: NR Band n25, Main 2 Antenna, Phablet SAR, Bottom Edge, Ch. 372000, 20 MHz Bandwidth, CP-OFDM QPSK, 1 RB, 1 RB Offset

Area Scan (40.0 x 120.0): Measurement grid: dx=5.0 mm, dy=15.0 mm
Zoom Scan (30.0 x 30.0 x 30.0): Measurement grid: dx=3.8 mm, dy=3.8 mm, dz=1.4 mm; Graded Ratio: 1.4
Reference Value = 1.75 W/kg; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 7.41 W/kg
SAR(10 g) = 0.790 W/kg
Smallest distance from peaks to all points 3 dB below is 4.3 mm
Ratio of SAR at M2 to SAR at M1 = 54.2 %



ELEMENT

DUT: PY7-84558E; Type: Portable Handset; Serial: 02508

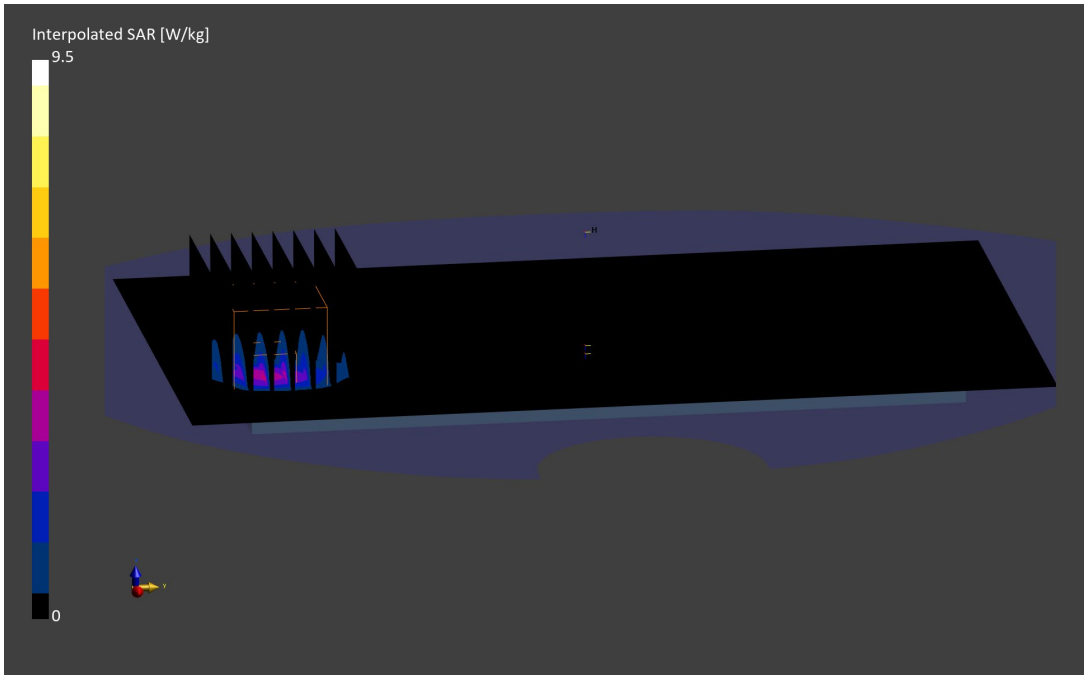
Communication System: UID:10866 - AAD, 5G NR FR1 TDD; MAIA: Y; Frequency: 2593.0 MHz
Medium: 2450 Body; Medium parameters used:
f = 2593.0 MHz; cond = 2.21 S/m; perm = 50.4; density = 1000 kg/m3
Phantom Section: Flat; Space: 0.00 mm

Test Date: 03/15/2023; Ambient Temp: 22.1°C; Tissue Temp: 22.3°C

Probe: EX3DV4 - SN7420; ConvF:(7.27,7.27,7.27); Calibrated: 2022-10-20
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1333; Calibrated: 2022-10-13
Phantom: Twin-SAM V8.0; Serial: 1736
Measurement SW: DASY Module SAR V16.2.0.1425

Mode: NR Band n41, Main 2 Antenna, Phablet SAR, Front Side, Ch. 518598, 100 MHz Bandwidth, DFT-s-OFDM QPSK, 1 RB, 137 RB Offset

Area Scan (120.0 x 200.0): Measurement grid: dx=10.0 mm, dy=10.0 mm
Zoom Scan (30.0 x 30.0 x 30.0): Measurement grid: dx=4.8 mm, dy=4.8 mm, dz=1.5 mm; Graded Ratio: 1.5
Reference Value = 2.31 W/kg; Power Drift = 0.03 dB
Peak SAR (extrapolated) = 9.50 W/kg
SAR(10 g) = 1.14 W/kg
Smallest distance from peaks to all points 3 dB below is 5.5 mm
Ratio of SAR at M2 to SAR at M1 = 66.5 %



ELEMENT

DUT: PY7-84558E; Type: Portable Handset; Serial: 02888

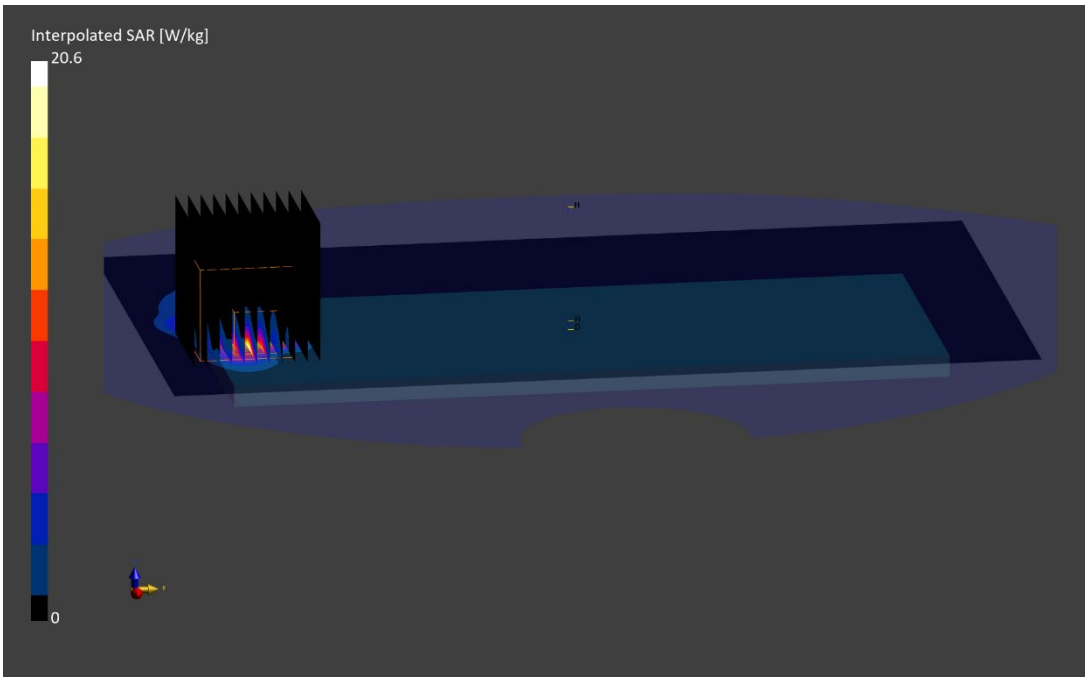
Communication System: UID:10917 - AAB, 5G NR FR1 TDD; MAIA: Y; Frequency: 3500.0 MHz
Medium: 3600 Body; Medium parameters used:
f = 3500.0 MHz; cond = 3.43 S/m; perm = 49.5; density = 1000 kg/m3
Phantom Section: Flat; Space: 0.00 mm

Test Date: 03/20/2023; Ambient Temp: 21.7°C; Tissue Temp: 21.6°C

Probe: EX3DV4 - SN3837; ConvF:(6.19,6.19,6.19); Calibrated: 2023-01-17
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn793; Calibrated: 2023-01-17
Phantom: Twin-SAM V8.0; Serial: 1944
Measurement SW: DASY Module SAR V16.2.0.1425

Mode: NR Band n77 DoD, Main 1 Antenna, Phablet SAR, Back Side, Ch. 633334, 100 MHz Bandwidth, DFT-s-OFDM QPSK, 135 RB, 0 RB Offset

Area Scan (120.0 x 200.0): Measurement grid: dx=10.0 mm, dy=10.0 mm
Zoom Scan (28.0 x 28.0 x 28.0): Measurement grid: dx=2.9 mm, dy=2.9 mm, dz=1.2 mm; Graded Ratio: 1.2
Reference Value = 4.11 W/kg; Power Drift = -0.02 dB
Peak SAR (extrapolated) = 20.6 W/kg
SAR(10 g) = 1.39 W/kg
Smallest distance from peaks to all points 3 dB below is 4.1 mm
Ratio of SAR at M2 to SAR at M1 = 69.1 %



ELEMENT

DUT: PY7-84558E; Type: Portable Handset; Serial: 02748

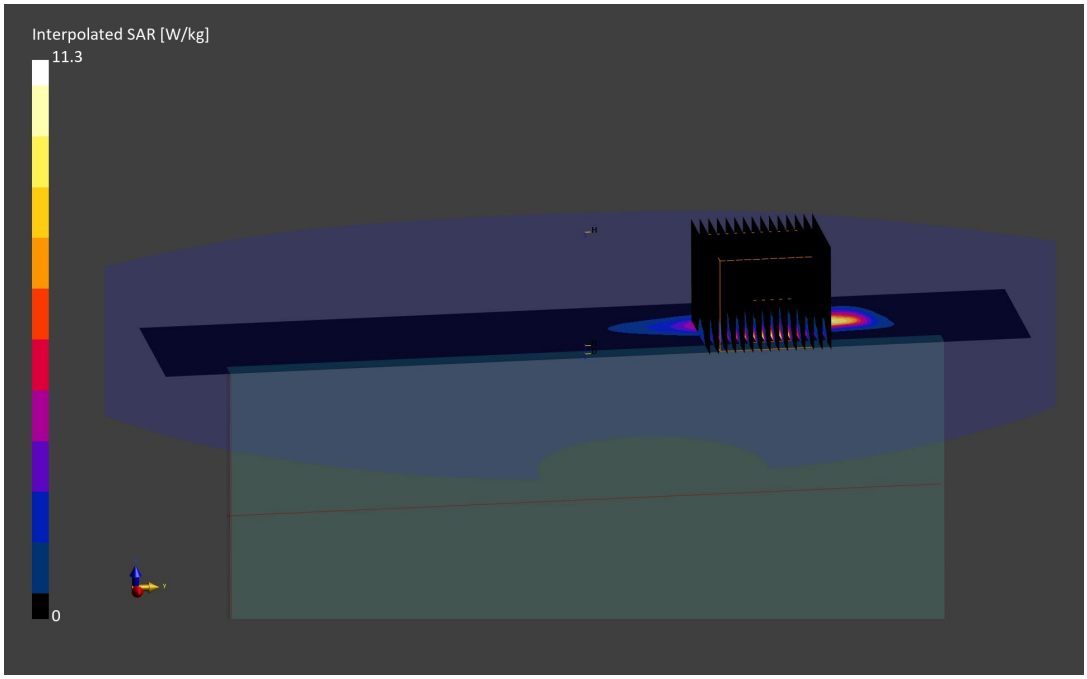
Communication System: UID:10544 - AAC, WLAN; MAIA: Y; Frequency: 5690.0 MHz
Medium: 5200-5800 Body; Medium parameters used:
f = 5690.0 MHz; cond = 5.79 S/m; perm = 46.6; density = 1000 kg/m3
Phantom Section: Flat; Space: 0.00 mm

Test Date: 03/06/2023; Ambient Temp: 23.0°C; Tissue Temp: 21.3°C

Probe: EX3DV4 - SN7659; ConvF:(4.67,4.67,4.67); Calibrated: 2022-04-20
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1407; Calibrated: 2022-04-13
Phantom: Twin-SAM V5.0; Serial: 1873
Measurement SW: DASY Module SAR V16.2.0.1425

Mode: IEEE 802.11ac, 80 MHz Bandwidth, UNII-2C, MIMO, Ch. 138, Phablet SAR, Left Edge, 58.5 Mbps

Area Scan (40.0 x 200.0): Measurement grid: dx=5.0 mm, dy=10.0 mm
Zoom Scan (24.0 x 24.0 x 22.0): Measurement grid: dx=2.0 mm, dy=2.0 mm, dz=1.4 mm; Graded Ratio: 1.4
Reference Value = 0.13 W/kg; Power Drift = 0.08 dB
Peak SAR (extrapolated) = 11.3 W/kg
SAR(10 g) = 0.427 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 = 59.8 %



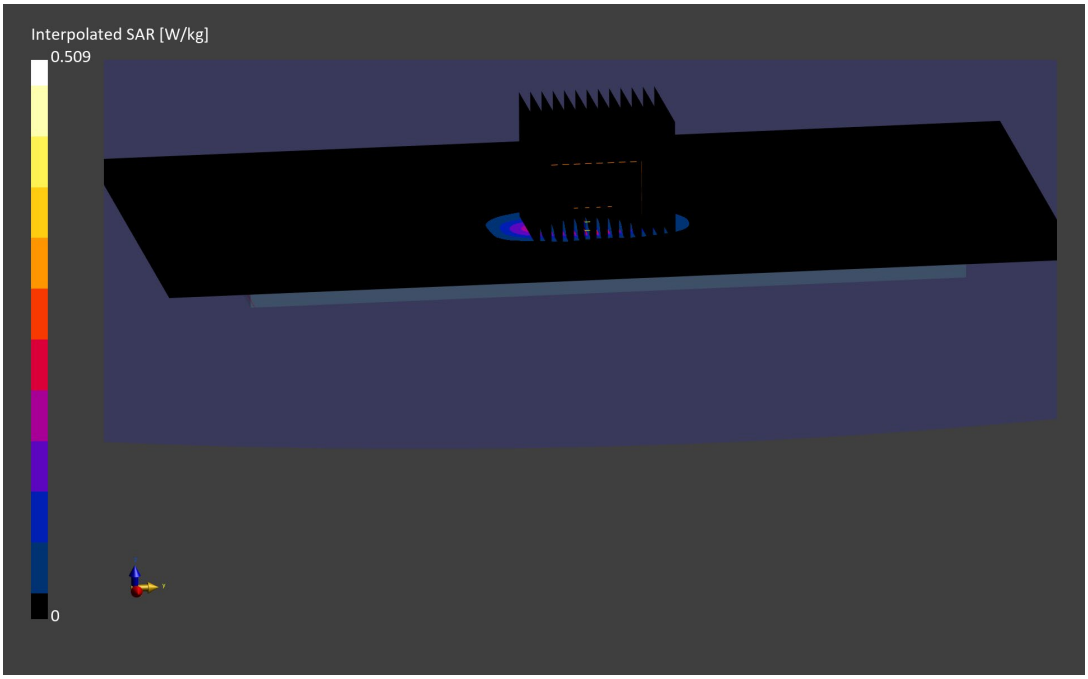
ELEMENT

DUT: PY7-84558E; Type: Portable Handset; Serial: 02748

Communication System: UID:0 - -, CW; MAIA: Y; Frequency: 13.6 MHz
Medium: 30 Head; Medium parameters used:
f = 13.6 MHz; cond = 0.745 S/m; perm = 55.5; density = 1000 kg/m3
Phantom Section: Flat; Space: 0.00 mm

Test Date: 02/28/2023; Ambient Temp: 23.2°C; Tissue Temp: 21.2°C

Probe: EX3DV4 - SN7417; ConvF:(18.67,18.67,18.67); Calibrated: 2023-02-08
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn665; Calibrated: 2023-02-15
Phantom: ELI V8.0; 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 = 0.00 W/kg; Power Drift = 0.50 dB
Peak SAR (extrapolated) = 0.509 W/kg
SAR(10 g) = 0.021 W/kg
Smallest distance from peaks to all points 3 dB below is 4.0 mm
Ratio of SAR at M2 to SAR at M1 = 55.1 %