APPENDIX A: SAR TEST PLOTS

ELEMENT

DUT: A3LSMF936U; Type: Portable Handset; Serial: 1792M

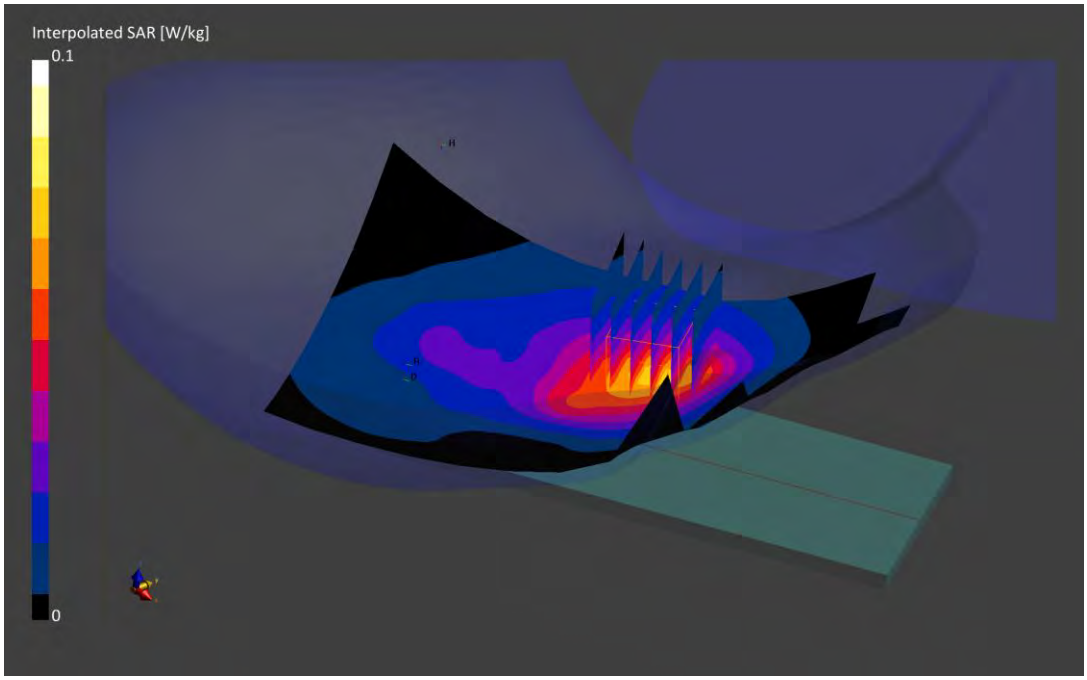
Communication System: UID:10021 - DAC, GSM; MAIA: Y; Frequency: 836.6 MHz
Medium: 835 Head; Medium parameters used:
f = 836.6 MHz; cond = 0.945 S/m; perm = 40.1; density = 1000 kg/m3
Phantom Section: RightHead; Space: 0.00 mm

Test Date: 04/27/2022; Ambient Temp: 21.2°C; Tissue Temp: 21.5°C

Probe: EX3DV4 - SN7640; ConvF:(10.54,10.54,10.54); Calibrated: 2022-02-24
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1645; Calibrated: 2022-02-21
Phantom: Twin-SAM V5.0; Serial: 1868
Measurement SW: DASY Module SAR V16.0.2.136

Mode: GSM 850, Antenna A+B, 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 = -0.02 dB
Peak SAR (extrapolated) = 0.084 W/kg
SAR(1 g) = 0.062 W/kg
Smallest distance from peaks to all points 3 dB below is > 15.0 mm
Ratio of SAR at M2 to SAR at M1 = 89.9 %



ELEMENT

DUT: A3LSMF936U; Type: Portable Handset; Serial: 1317M

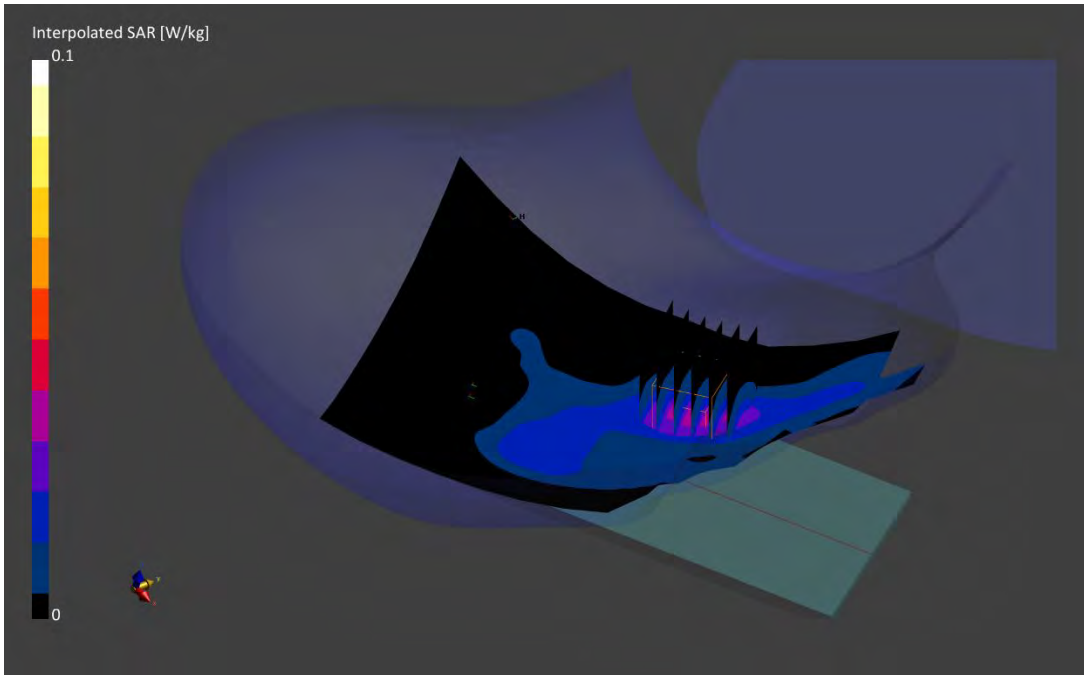
Communication System: UID:10021 - DAC, GSM; MAIA: Y; Frequency: 1850.2 MHz
Medium: 1900 Head; Medium parameters used:
f = 1850.2 MHz; cond = 1.40 S/m; perm = 40.1; density = 1000 kg/m3
Phantom Section: RightHead; Space: 0.00 mm

Test Date: 04/24/2022; Ambient Temp: 21.7°C; Tissue Temp: 21.1°C

Probe: EX3DV4 - SN7527; ConvF:(7.77,7.77,7.77); Calibrated: 2022-03-21
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1272; Calibrated: 2022-03-16
Phantom: Twin-SAM V5.0; Serial: 1757
Measurement SW: DASY Module SAR V16.0.2.136

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 (30.0 x 30.0 x 30.0): Measurement grid: dx=6.0 mm, dy=6.0 mm, dz=1.5 mm; Graded Ratio: 1.5
Reference Value = 0.04 W/kg; Power Drift = 0.16 dB
Peak SAR (extrapolated) = 0.054 W/kg
SAR(1 g) = 0.033 W/kg
Smallest distance from peaks to all points 3 dB below is > 15.0 mm
Ratio of SAR at M2 to SAR at M1 = 86.3 %



ELEMENT

DUT: A3LSMF936U; Type: Portable Handset; Serial: 1792M

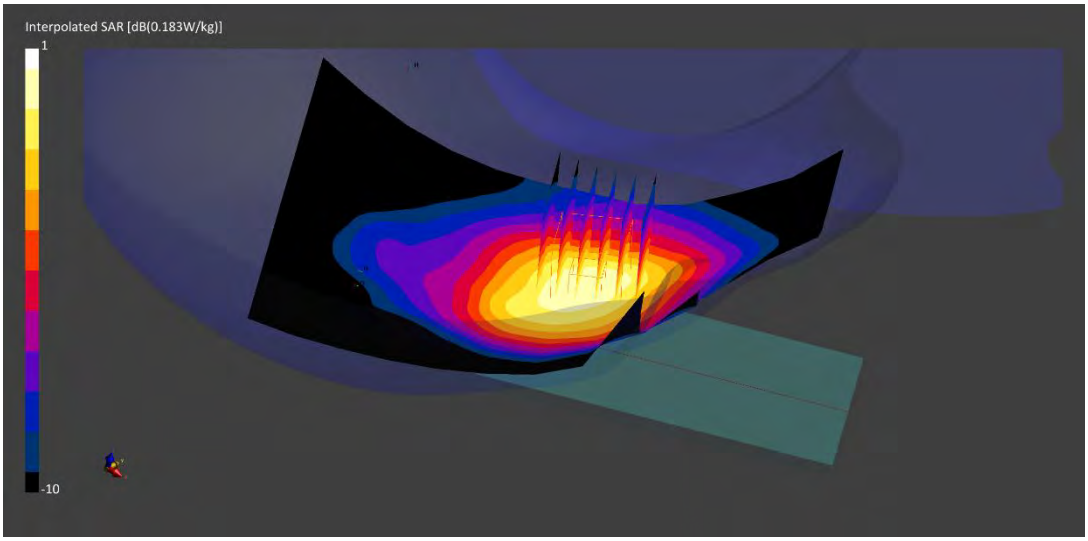
Communication System: UID:10011 - CAB, WCDMA; MAIA: Y; Frequency: 826.4 MHz
Medium: 835 Head; Medium parameters used:
f = 826.4 MHz; cond = 0.941 S/m; perm = 39.7; density = 1000 kg/m3
Phantom Section: RightHead; Space: 0.00 mm

Test Date: 05/02/2022; Ambient Temp: 21.1°C; Tissue Temp: 21.0°C

Probe: EX3DV4 - SN7640; ConvF:(10.54,10.54,10.54); Calibrated: 2022-02-24
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1645; Calibrated: 2022-02-21
Phantom: Twin-SAM V5.0; Serial: 1868
Measurement SW: DASY Module SAR V16.0.2.136

Mode: UMTS 850, Antenna A+B, Right Head, Cheek, 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 = 0.14 W/kg; Power Drift = 0.07 dB
Peak SAR (extrapolated) = 0.215 W/kg
SAR(1 g) = 0.156 W/kg
Smallest distance from peaks to all points 3 dB below is 14.8 mm
Ratio of SAR at M2 to SAR at M1 = 91.9 %



ELEMENT

DUT: A3LSMF936U; Type: Portable Handset; Serial: 1328M

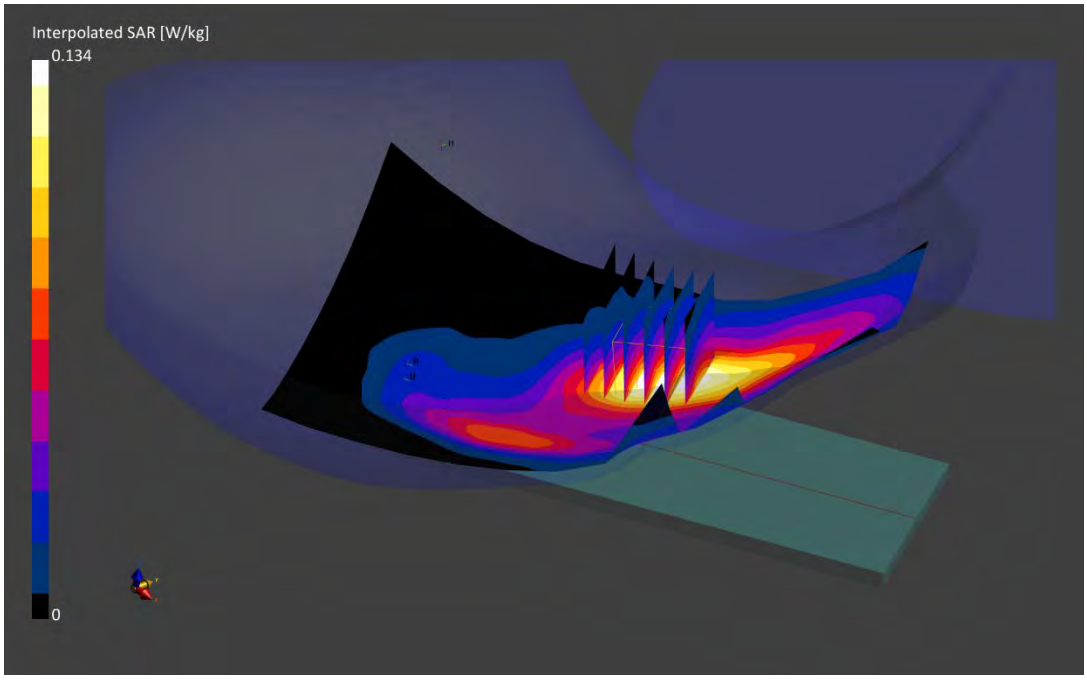
Communication System: UID:10011 - CAB, WCDMA; MAIA: Y; Frequency: 1712.4 MHz
Medium: 1750 Head; Medium parameters used:
f = 1712.4 MHz; cond = 1.29 S/m; perm = 38.9; density = 1000 kg/m3
Phantom Section: RightHead; Space: 0.00 mm

Test Date: 04/20/2022; Ambient Temp: 22.3°C; Tissue Temp: 21.0°C

Probe: EX3DV4 - SN3914; ConvF:(8.27,8.27,8.27); Calibrated: 2021-05-18
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn728; Calibrated: 2021-05-11
Phantom: Twin-SAM V5.0; Serial: 1873
Measurement SW: DASY Module SAR V16.0.2.136

Mode: UMTS 1750, Right Head, Cheek, 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 = 0.08 W/kg; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 0.134 W/kg
SAR(1 g) = 0.093 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 = 89.9 %



ELEMENT

DUT: A3LSMF936U; Type: Portable Handset; Serial: 1317M

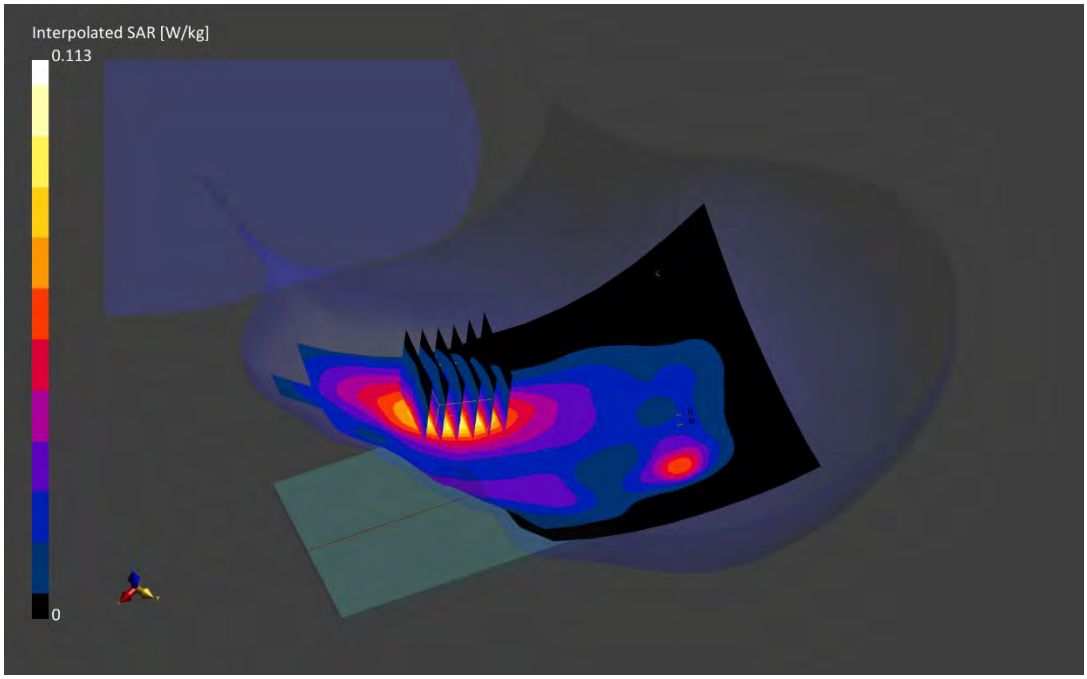
Communication System: UID:10011 - CAB, WCDMA; MAIA: Y; Frequency: 1880.0 MHz
Medium: 1900 Head; Medium parameters used:
f = 1880.0 MHz; cond = 1.43 S/m; perm = 40.0; density = 1000 kg/m3
Phantom Section: LeftHead; Space: 0.00 mm

Test Date: 04/24/2022; Ambient Temp: 21.7°C; Tissue Temp: 21.1°C

Probe: EX3DV4 - SN7527; ConvF:(7.77,7.77,7.77); Calibrated: 2022-03-21
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1272; Calibrated: 2022-03-16
Phantom: Twin-SAM V5.0; Serial: 1757
Measurement SW: DASY Module SAR V16.0.2.136

Mode: UMTS 1900, Left 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 = 0.08 W/kg; Power Drift = -0.08 dB
Peak SAR (extrapolated) = 0.112 W/kg
SAR(1 g) = 0.071 W/kg
Smallest distance from peaks to all points 3 dB below is > 15.0 mm
Ratio of SAR at M2 to SAR at M1 = 86.2 %



ELEMENT

DUT: A3LSMF936U; Type: Portable Handset; Serial: 1792M

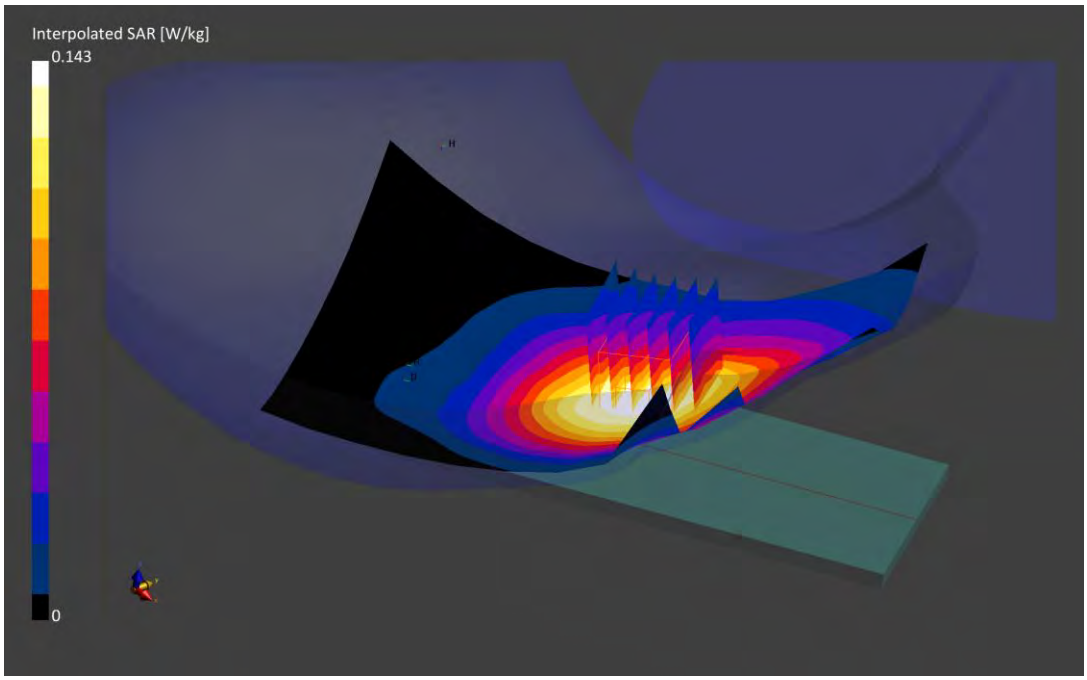
Communication System: UID:10169 - CAE, LTE-FDD; MAIA: Y; Frequency: 680.5 MHz
Medium: 750 Head; Medium parameters used:
f = 680.5 MHz; cond = 0.881 S/m; perm = 40.3; density = 1000 kg/m3
Phantom Section: RightHead; Space: 0.00 mm

Test Date: 04/28/2022; Ambient Temp: 22.1°C; Tissue Temp: 20.9°C

Probe: EX3DV4 - SN7640; ConvF:(10.82,10.82,10.82); Calibrated: 2022-02-24
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1645; Calibrated: 2022-02-21
Phantom: Twin-SAM V5.0; Serial: 1868
Measurement SW: DASY Module SAR V16.0.2.136

Mode: LTE Band 71, Antenna A+B, Right Head, Cheek, Mid 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 = 0.10 W/kg; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 0.143 W/kg
SAR(1 g) = 0.113 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 = 94.5 %



ELEMENT

DUT: A3LSMF936U; Type: Portable Handset; Serial: 1792M

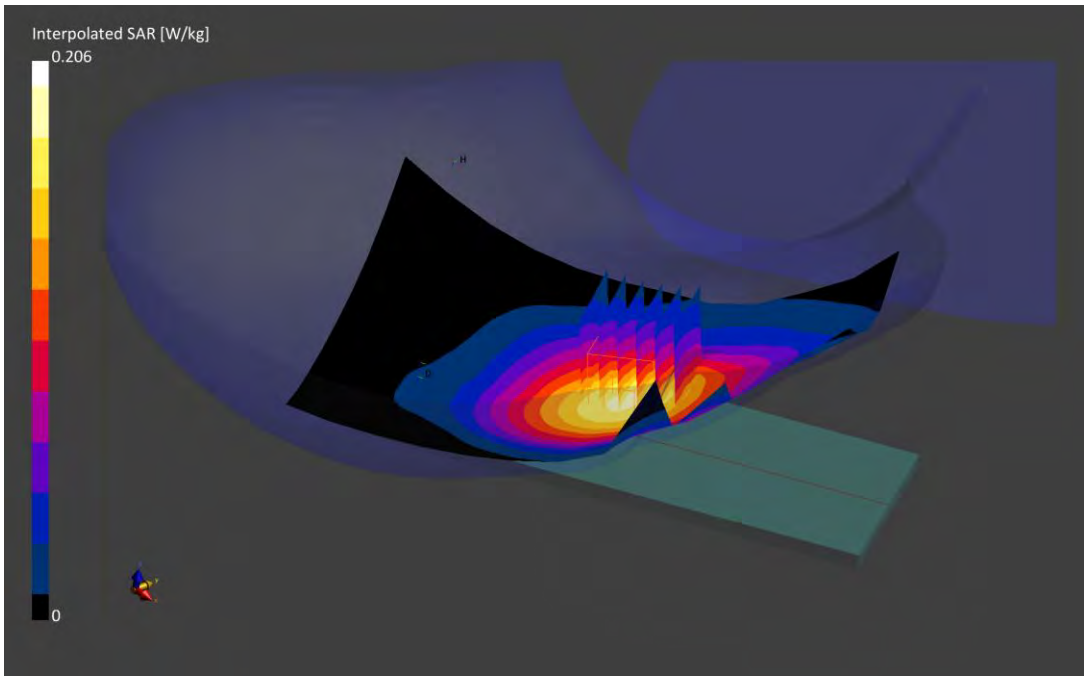
Communication System: UID:10175 - CAG, LTE-FDD; MAIA: Y; Frequency: 707.5 MHz
Medium: 750 Head; Medium parameters used:
f = 707.5 MHz; cond = 0.887 S/m; perm = 40.4; density = 1000 kg/m3
Phantom Section: RightHead; Space: 0.00 mm

Test Date: 05/03/2022; Ambient Temp: 21.5°C; Tissue Temp: 21.2°C

Probe: EX3DV4 - SN7640; ConvF:(10.82,10.82,10.82); Calibrated: 2022-02-24
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1645; Calibrated: 2022-02-21
Phantom: Twin-SAM V5.0; Serial: 1868
Measurement SW: DASY Module SAR V16.0.2.136

Mode: LTE Band 12, Antenna A+B, Right 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 = 0.15 W/kg; Power Drift = -0.04 dB
Peak SAR (extrapolated) = 0.206 W/kg
SAR(1 g) = 0.160 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 = 94.1 %



ELEMENT

DUT: A3LSMF936U; Type: Portable Handset; Serial: 1792M

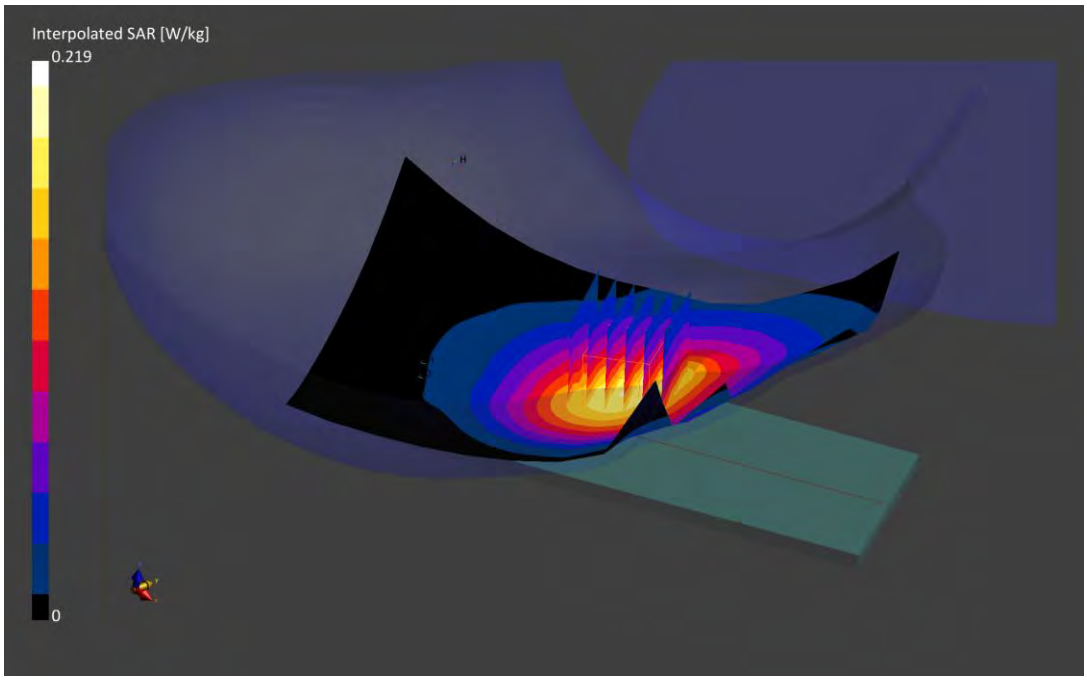
Communication System: UID:10175 - CAG, LTE-FDD; MAIA: Y; Frequency: 782.0 MHz
Medium: 750 Head; Medium parameters used:
f = 782.0 MHz; cond = 0.913 S/m; perm = 40.2; density = 1000 kg/m3
Phantom Section: RightHead; Space: 0.00 mm

Test Date: 05/03/2022; Ambient Temp: 21.5°C; Tissue Temp: 21.2°C

Probe: EX3DV4 - SN7640; ConvF:(10.82,10.82,10.82); Calibrated: 2022-02-24
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1645; Calibrated: 2022-02-21
Phantom: Twin-SAM V5.0; Serial: 1868
Measurement SW: DASY Module SAR V16.0.2.136

Mode: LTE Band 13, Antenna A+B, Right 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 = 0.16 W/kg; Power Drift = 0.10 dB
Peak SAR (extrapolated) = 0.219 W/kg
SAR(1 g) = 0.167 W/kg
Smallest distance from peaks to all points 3 dB below is > 15.0 mm
Ratio of SAR at M2 to SAR at M1 = 92.7 %



ELEMENT

DUT: A3LSMF936U; Type: Portable Handset; Serial: 1792M

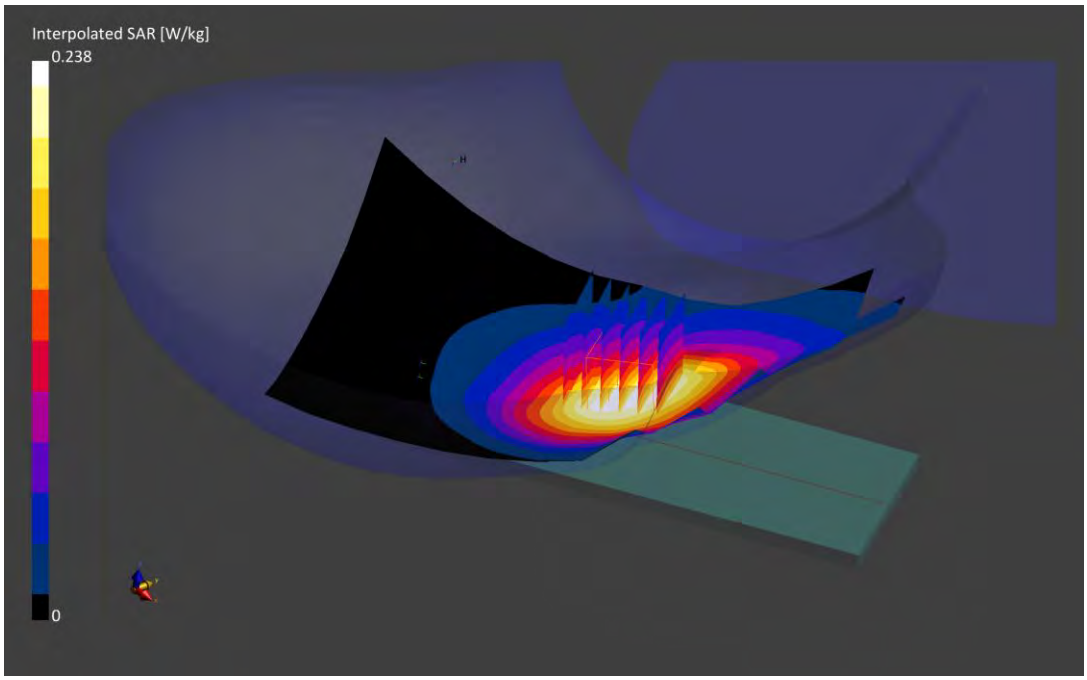
Communication System: UID:10175 - CAG, LTE-FDD; MAIA: Y; Frequency: 793.0 MHz
Medium: 750 Head; Medium parameters used:
f = 793.0 MHz; cond = 0.932 S/m; perm = 40.9; density = 1000 kg/m3
Phantom Section: RightHead; Space: 0.00 mm

Test Date: 05/10/2022; Ambient Temp: 21.3°C; Tissue Temp: 21.6°C

Probe: EX3DV4 - SN7640; ConvF:(10.82,10.82,10.82); Calibrated: 2022-02-24
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1645; Calibrated: 2022-02-21
Phantom: Twin-SAM V5.0; Serial: 1868
Measurement SW: DASY Module SAR V16.0.2.136

Mode: LTE Band 14, Antenna A+B, Right 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 = 0.18 W/kg; Power Drift = 0.00 dB
Peak SAR (extrapolated) = 0.238 W/kg
SAR(1 g) = 0.187 W/kg
Smallest distance from peaks to all points 3 dB below is 21.3 mm
Ratio of SAR at M2 to SAR at M1 = 94.4 %



ELEMENT

DUT: A3LSMF936U; Type: Portable Handset; Serial: 1792M

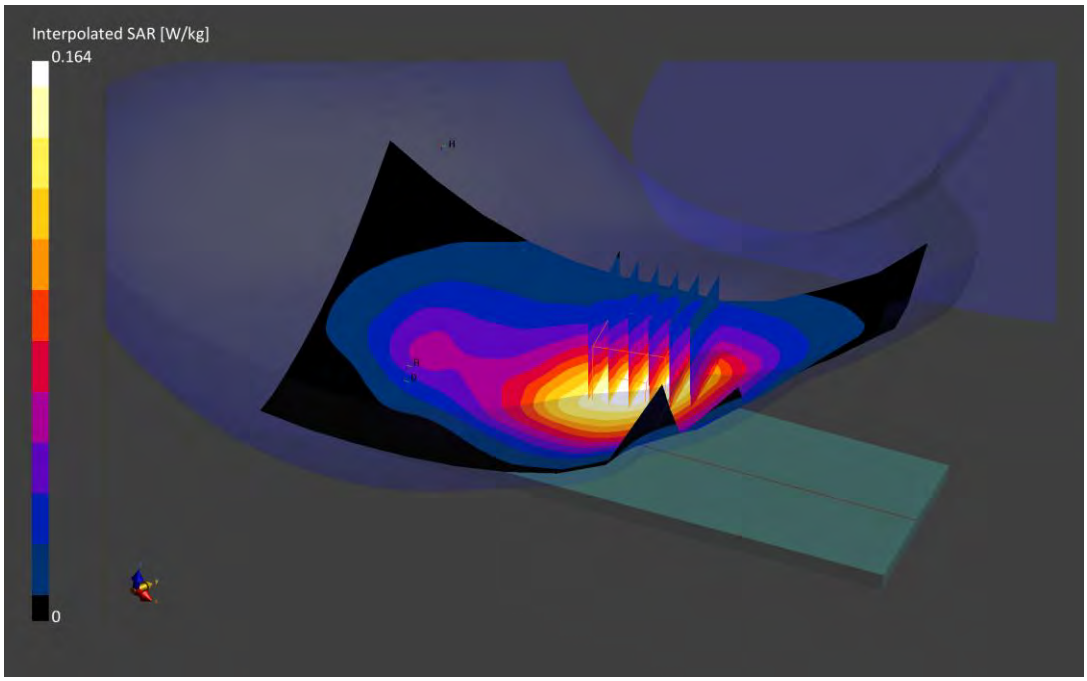
Communication System: UID:10181 - CAE, LTE-FDD; MAIA: Y; Frequency: 831.5 MHz
Medium: 835 Head; Medium parameters used:
f = 831.5 MHz; cond = 0.941 S/m; perm = 40.0; density = 1000 kg/m3
Phantom Section: RightHead; Space: 0.00 mm

Test Date: 05/16/2022; Ambient Temp: 21.3°C; Tissue Temp: 21.5°C

Probe: EX3DV4 - SN7640; ConvF:(10.54,10.54,10.54); Calibrated: 2022-02-24
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1645; Calibrated: 2022-02-21
Phantom: Twin-SAM V5.0; Serial: 1868
Measurement SW: DASY Module SAR V16.0.2.136

Mode: LTE Band 26, Antenna A+B, Right Head, Cheek, Mid Ch.,
15 MHz Bandwidth, QPSK, 1 RB, 36 RB Offset

Area Scan (120.0 x 210.0): Measurement grid: dx=15.0 mm, dy=15.0 mm
Zoom Scan (30.0 x 30.0 x 30.0): Measurement grid: dx=6.0 mm, dy=6.0 mm, dz=1.5 mm; Graded Ratio: 1.5
Reference Value = 0.12 W/kg; Power Drift = 0.08 dB
Peak SAR (extrapolated) = 0.164 W/kg
SAR(1 g) = 0.123 W/kg
Smallest distance from peaks to all points 3 dB below is 14.9 mm
Ratio of SAR at M2 to SAR at M1 = 91.9 %



ELEMENT

DUT: A3LSMF936U; Type: Portable Handset; Serial: 1785M

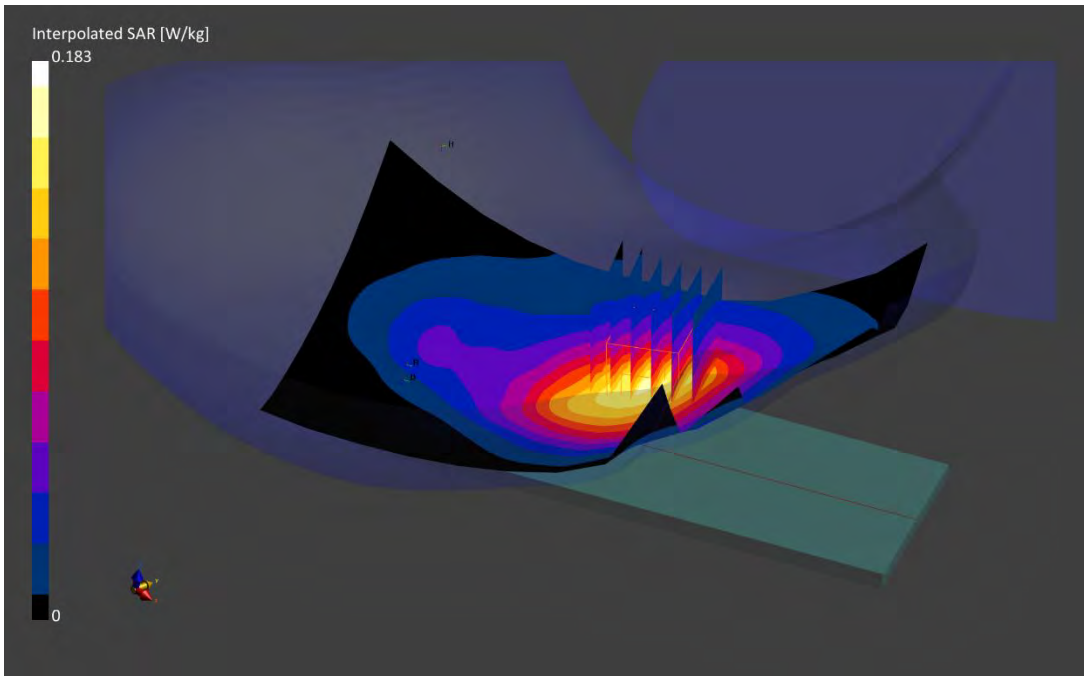
Communication System: UID:10175 - CAG, LTE-FDD; MAIA: Y; Frequency: 836.5 MHz
Medium: 835 Head; Medium parameters used:
f = 836.5 MHz; cond = 0.945 S/m; perm = 39.7; density = 1000 kg/m3
Phantom Section: RightHead; Space: 0.00 mm

Test Date: 05/18/2022; Ambient Temp: 21.1°C; Tissue Temp: 21.2°C

Probe: EX3DV4 - SN7640; ConvF:(10.54,10.54,10.54); Calibrated: 2022-02-24
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1645; Calibrated: 2022-02-21
Phantom: Twin-SAM V5.0; Serial: 1868
Measurement SW: DASY Module SAR V16.0.2.136

Mode: LTE Band 5, Antenna A+B, Right 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 = 0.13 W/kg; Power Drift = 0.04 dB
Peak SAR (extrapolated) = 0.183 W/kg
SAR(1 g) = 0.136 W/kg
Smallest distance from peaks to all points 3 dB below is 20.2 mm
Ratio of SAR at M2 to SAR at M1 = 93.3 %



ELEMENT

DUT: A3LSMF936U; Type: Portable Handset; Serial: 3591M

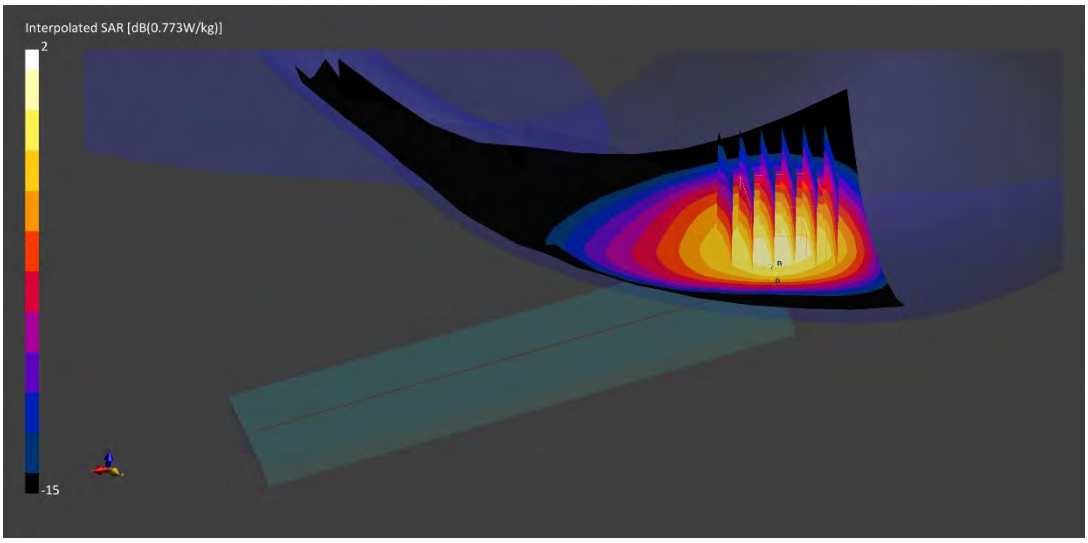
Communication System: UID:10169 - CAE, LTE-FDD; MAIA: Y; Frequency: 1720.0 MHz
Medium: 1750 Head; Medium parameters used:
f = 1720.0 MHz; cond = 1.31 S/m; perm = 40.8; density = 1000 kg/m3
Phantom Section: LeftHead; Space: 0.00 mm

Test Date: 06/09/2022; Ambient Temp: 24.4°C; Tissue Temp: 22.2°C

Probe: EX3DV4 - SN7670; ConvF:(8.53,8.53,8.53); Calibrated: 2021-08-05
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1681; Calibrated: 2021-08-03
Phantom: Twin-SAM V8.0; Serial: 1630
Measurement SW: DASY Module SAR V16.0.2.136

Mode: LTE Band 66 (AWS), Antenna F, Left Head, Tilt, Low 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 = 0.76 W/kg; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 1.20 W/kg
SAR(1 g) = 0.715 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 = 84.3 %



ELEMENT

DUT: A3LSMF936U; Type: Portable Handset; Serial: 1808M

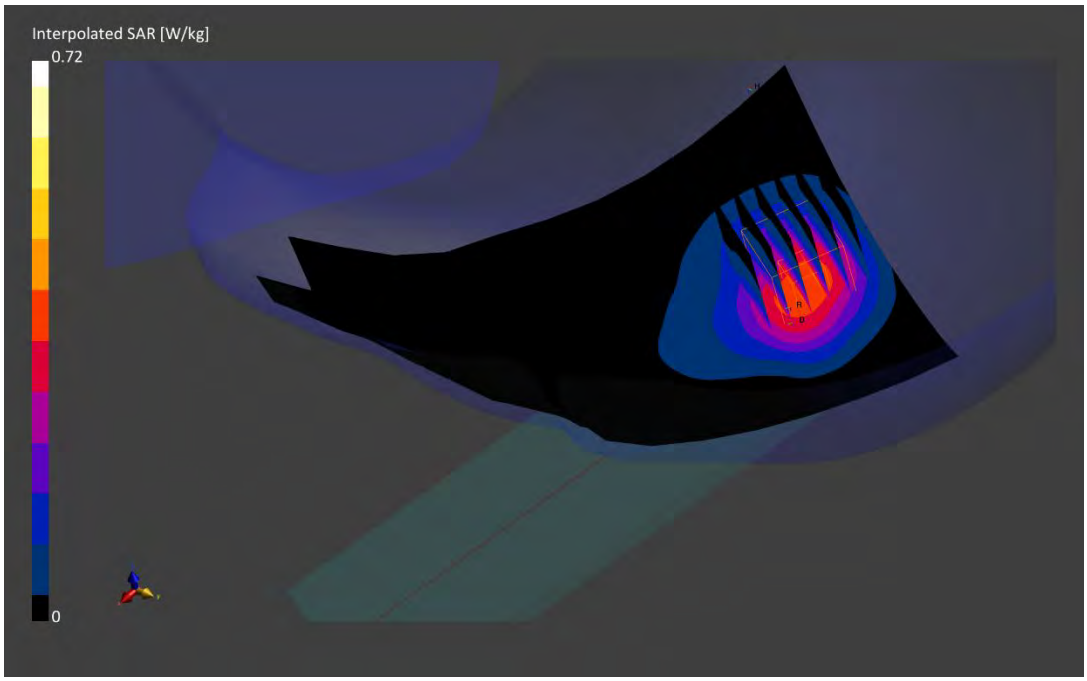
Communication System: UID:10297 - AAD, LTE-FDD; MAIA: Y; Frequency: 1860.0 MHz
Medium: 1750 Head; Medium parameters used:
f = 1860.0 MHz; cond = 1.38 S/m; perm = 39.2; density = 1000 kg/m3
Phantom Section: LeftHead; Space: 0.00 mm

Test Date: 06/12/2022; Ambient Temp: 21.0°C; Tissue Temp: 20.1°C

Probe: EX3DV4 - SN7670; ConvF:(8.27,8.27,8.27); Calibrated: 2021-08-05
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1681; Calibrated: 2021-08-03
Phantom: Twin-SAM V8.0; Serial: 1630
Measurement SW: DASY Module SAR V16.0.2.136

Mode: LTE Band 25, Antenna F, 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=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) = 0.719 W/kg
SAR(1 g) = 0.393 W/kg
Smallest distance from peaks to all points 3 dB below is 9.2 mm
Ratio of SAR at M2 to SAR at M1 = 76.0 %



ELEMENT

DUT: A3LSMF936U; Type: Portable Handset; Serial: 1787M

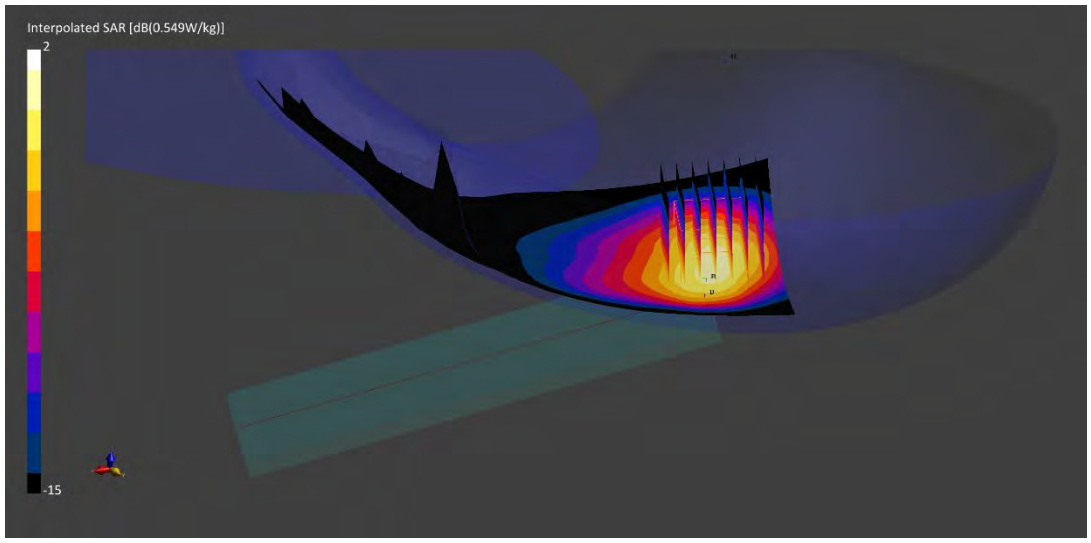
Communication System: UID:10175 - CAG, LTE-FDD; MAIA: Y; Frequency: 2310.0 MHz
Medium: 2450 Head; Medium parameters used:
f = 2310.0 MHz; cond = 1.71 S/m; perm = 39.1; density = 1000 kg/m3
Phantom Section: LeftHead; Space: 0.00 mm

Test Date: 05/11/2022; Ambient Temp: 24.4°C; Tissue Temp: 21.3°C

Probe: EX3DV4 - SN7410; ConvF:(7.82,7.82,7.82); Calibrated: 2021-07-20
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1583; Calibrated: 2021-07-13
Phantom: Twin-SAM V5.0; Serial: 1792
Measurement SW: DASY Module SAR V16.0.2.136

Mode: LTE Band 30, Antenna F, Left Head, Tilt, Mid Ch.,
10 MHz Bandwidth, QPSK, 1 RB, 25 RB Offset

Area Scan (100.0 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 = 0.36 W/kg; Power Drift = 0.04 dB
Peak SAR (extrapolated) = 0.818 W/kg
SAR(1 g) = 0.441 W/kg
Smallest distance from peaks to all points 3 dB below is 11.7 mm
Ratio of SAR at M2 to SAR at M1 = 82.4 %



ELEMENT

DUT: A3LSMF936U; Type: Portable Handset; Serial: 3601M

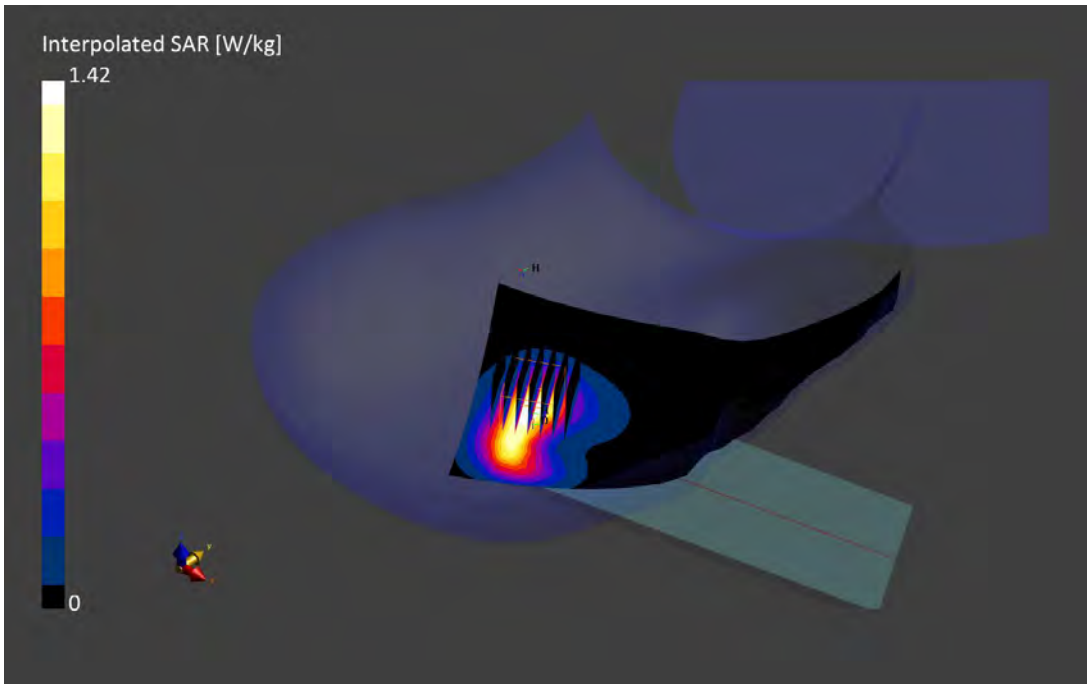
Communication System: UID:10169 - CAE, LTE-FDD; MAIA: Y; Frequency: 2535.0 MHz
Medium: 2450 Head; Medium parameters used:
f = 2535.0 MHz; cond = 1.96 S/m; perm = 38.9; density = 1000 kg/m3
Phantom Section: RightHead; Space: 0.00 mm

Test Date: 06/08/2022; Ambient Temp: 22.7°C; Tissue Temp: 21.5°C

Probe: EX3DV4 - SN7410; ConvF:(7.37,7.37,7.37); Calibrated: 2021-07-20
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1583; Calibrated: 2021-07-13
Phantom: Twin-SAM V5.0; Serial: 1792
Measurement SW: DASY Module SAR V16.0.2.136

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

Area Scan (100.0 x 200.0): Measurement grid: dx=10.0 mm, dy=10.0 mm
Zoom Scan (30.0 x 30.0 x 30.0): Measurement grid: dx=5.0 mm, dy=5.0 mm, dz=1.5 mm; Graded Ratio: 1.5
Reference Value = 0.65 W/kg; Power Drift = -0.02 dB
Peak SAR (extrapolated) = 1.42 W/kg
SAR(1 g) = 0.675 W/kg
Smallest distance from peaks to all points 3 dB below is 9.0 mm
Ratio of SAR at M2 to SAR at M1 = 78.6 %



ELEMENT

DUT: A3LSMF936U; Type: Portable Handset; Serial: 3596M

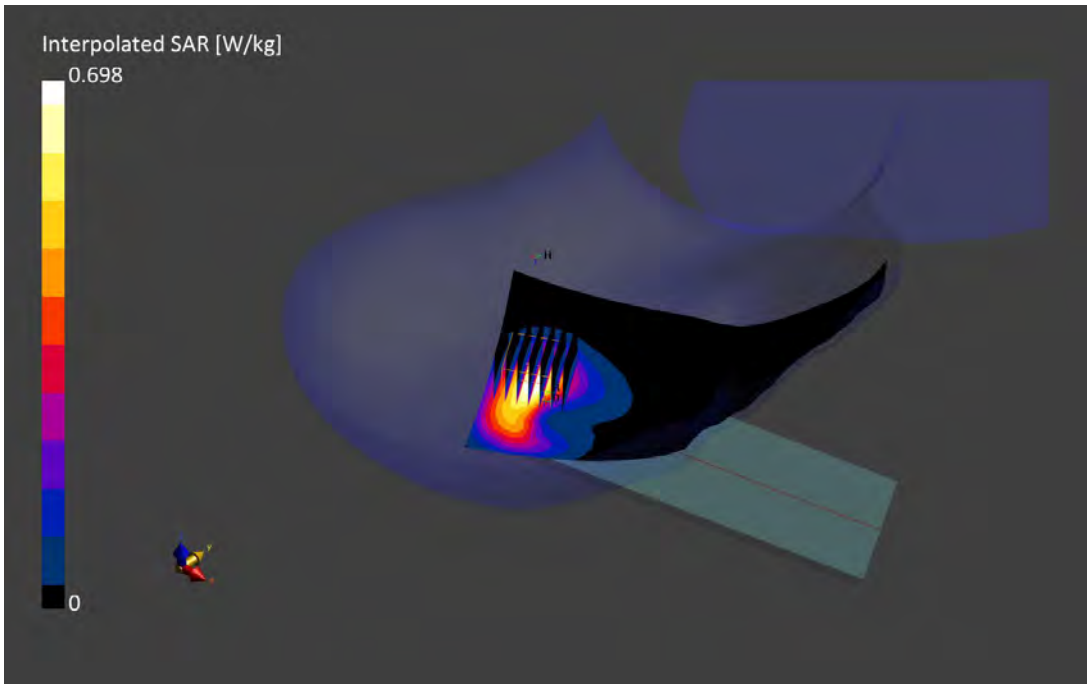
Communication System: UID:10435 - AAF, LTE-TDD; MAIA: Y; Frequency: 2549.5 MHz
Medium: 2450 Head; Medium parameters used:
f = 2549.5 MHz; cond = 1.87 S/m; perm = 38.1; density = 1000 kg/m3
Phantom Section: RightHead; Space: 0.00 mm

Test Date: 06/05/2022; Ambient Temp: 22.7°C; Tissue Temp: 22.2°C

Probe: EX3DV4 - SN7410; ConvF:(7.37,7.37,7.37); Calibrated: 2021-07-20
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1583; Calibrated: 2021-07-13
Phantom: Twin-SAM V5.0; Serial: 1792
Measurement SW: DASY Module SAR V16.0.2.136

Mode: LTE Band 41, Antenna F, Right Head, Tilt, Low-Mid Ch.,
20 MHz Bandwidth, QPSK, 1 RB, 99 RB Offset

Area Scan (100.0 x 200.0): Measurement grid: dx=10.0 mm, dy=10.0 mm
Zoom Scan (30.0 x 30.0 x 30.0): Measurement grid: dx=5.0 mm, dy=5.0 mm, dz=1.5 mm; Graded Ratio: 1.5
Reference Value = 0.31 W/kg; Power Drift = -0.16 dB
Peak SAR (extrapolated) = 0.698 W/kg
SAR(1 g) = 0.342 W/kg
Smallest distance from peaks to all points 3 dB below is 10.7 mm
Ratio of SAR at M2 to SAR at M1 = 79.0 %



ELEMENT

DUT: A3LSMF936U; Type: Portable Handset; Serial: 1803M

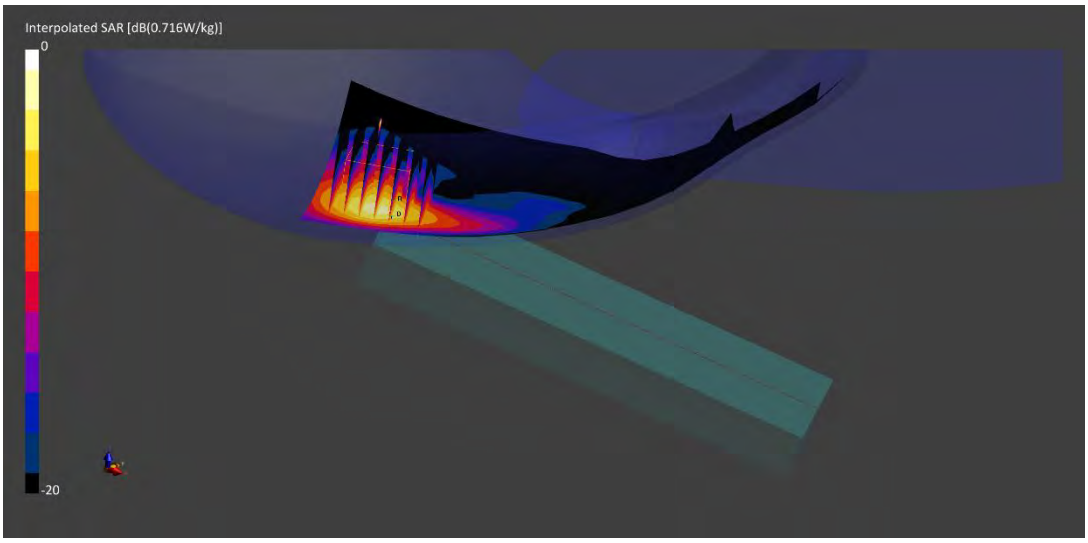
Communication System: UID:10435 - AAF, LTE-TDD; MAIA: Y; Frequency: 3646.7 MHz
Medium: 3600 Head; Medium parameters used:
f = 3646.7 MHz; cond = 2.96 S/m; perm = 39.4; density = 1000 kg/m3
Phantom Section: RightHead; Space: 0.00 mm

Test Date: 05/02/2022; Ambient Temp: 22.4°C; Tissue Temp: 21.8°C

Probe: EX3DV4 - SN7670; ConvF:(6.93,6.93,6.93); Calibrated: 2021-08-05
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1681; Calibrated: 2021-08-03
Phantom: Twin-SAM V8.0; Serial: 1630
Measurement SW: DASY Module SAR V16.0.2.136

Mode: LTE Band 48, Right Head, Tilt, Mid-High Ch.,
20 MHz Bandwidth, QPSK, 1 RB, 50 RB Offset

Area Scan (100.0 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 = 0.30 W/kg; Power Drift = 0.04 dB
Peak SAR (extrapolated) = 0.716 W/kg
SAR(1 g) = 0.297 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 = 75.6 %



ELEMENT

DUT: A3LSMF936U; Type: Portable Handset; Serial: 2719M

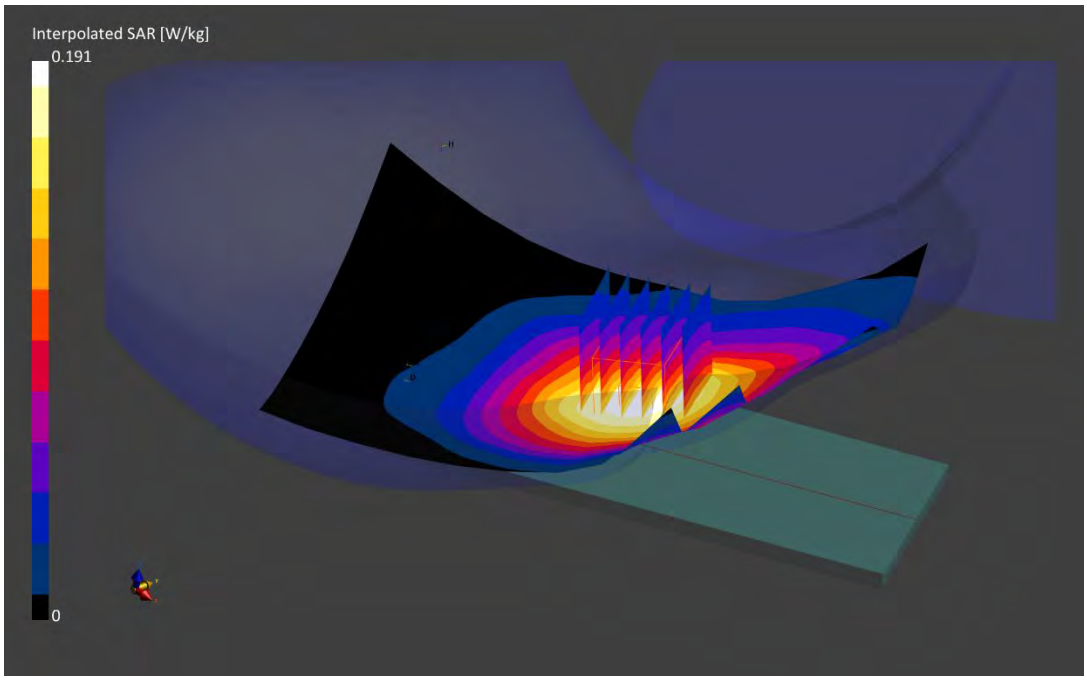
Communication System: UID:10931 - AAC, 5G NR FR1 FDD; MAIA: Y; Frequency: 680.5 MHz
Medium: 750 Head; Medium parameters used:
f = 680.5 MHz; cond = 0.887 S/m; perm = 43.0; density = 1000 kg/m3
Phantom Section: RightHead; Space: 0.00 mm

Test Date: 05/31/2022; Ambient Temp: 24.2°C; Tissue Temp: 22.5°C

Probe: EX3DV4 - SN7670; ConvF:(9.86,9.86,9.86); Calibrated: 2021-08-05
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1681; Calibrated: 2021-08-03
Phantom: Twin-SAM V8.0; Serial: 1630
Measurement SW: DASY Module SAR V16.0.2.136

Mode: NR Band n71, Antenna A+B, Right Head, Cheek, Ch. 136100,
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 (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) = 0.191 W/kg
SAR(1 g) = 0.147 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 = 91.6 %



ELEMENT

DUT: A3LSMF936U; Type: Portable Handset; Serial: 2719M

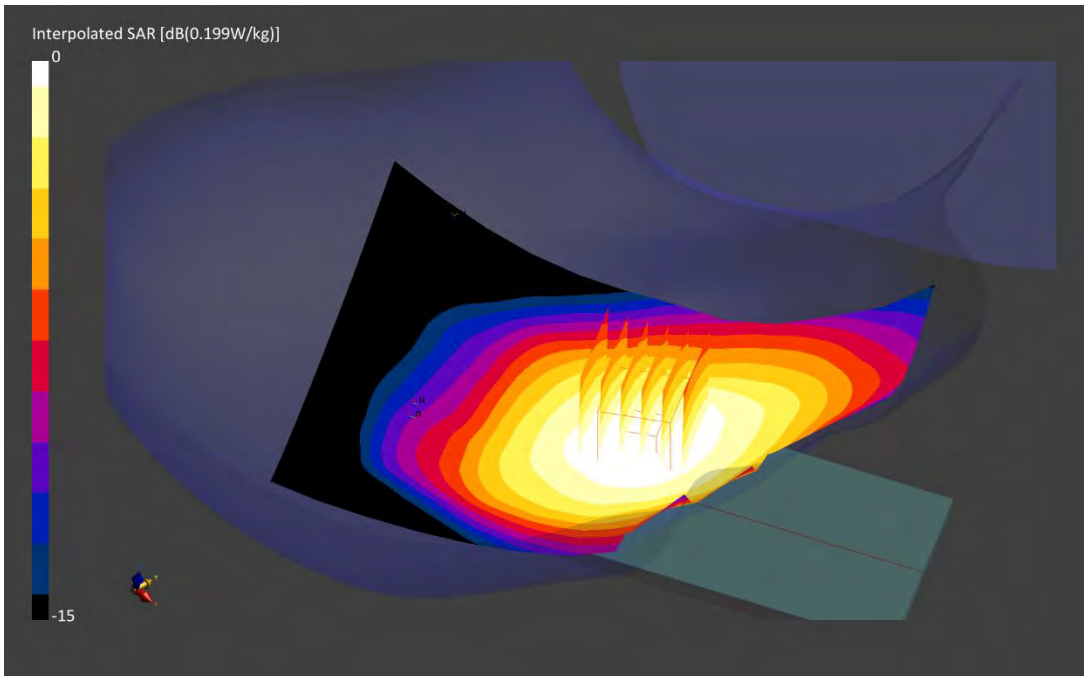
Communication System: UID:10938 - AAC, 5G NR FR1 FDD; MAIA: Y; Frequency: 707.5 MHz
Medium: 750 Head; Medium parameters used:
f = 707.5 MHz; cond = 0.896 S/m; perm = 42.9; density = 1000 kg/m3
Phantom Section: RightHead; Space: 0.00 mm

Test Date: 05/31/2022; Ambient Temp: 24.2°C; Tissue Temp: 22.5°C

Probe: EX3DV4 - SN7670; ConvF:(9.86,9.86,9.86); Calibrated: 2021-08-05
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1681; Calibrated: 2021-08-03
Phantom: Twin-SAM V8.0; Serial: 1630
Measurement SW: DASY Module SAR V16.0.2.136

Mode: NR Band n12, Antenna A+B, Right Head, Cheek, Ch. 141500,
15 MHz Bandwidth, DFT-s-OFDM QPSK, 36 RB, 22 RB Offset

Area Scan (120.0 x 210.0): Measurement grid: dx=15.0 mm, dy=15.0 mm
Zoom Scan (30.0 x 30.0 x 30.0): Measurement grid: dx=6.0 mm, dy=6.0 mm, dz=1.5 mm; Graded Ratio: 1.5
Reference Value = 0.15 W/kg; Power Drift = 0.00 dB
Peak SAR (extrapolated) = 0.188 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 = 93.2 %



ELEMENT

DUT: A3LSMF936U; Type: Portable Handset; Serial: 3591M

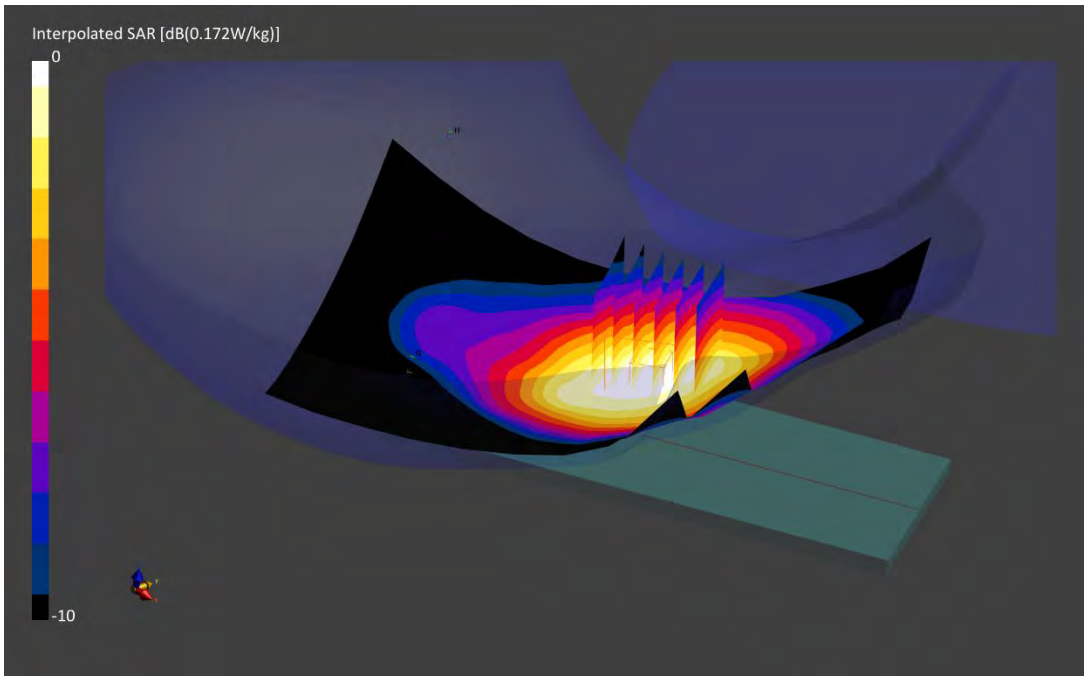
Communication System: UID:10931 - AAC, 5G NR FR1 FDD; MAIA: Y; Frequency: 836.5 MHz
Medium: 835 Head; Medium parameters used:
f = 836.5 MHz; cond = 0.941 S/m; perm = 43.2; density = 1000 kg/m3
Phantom Section: RightHead; Space: 0.00 mm

Test Date: 06/02/2022; Ambient Temp: 24.6°C; Tissue Temp: 22.5°C

Probe: EX3DV4 - SN7670; ConvF:(9.64,9.64,9.64); Calibrated: 2021-08-05
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1681; Calibrated: 2021-08-03
Phantom: Twin-SAM V8.0; Serial: 1630
Measurement SW: DASY Module SAR V16.0.2.136

Mode: NR Band n5, Antenna A+B, Right Head, Cheek, 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 = 0.15 W/kg; Power Drift = -0.16 dB
Peak SAR (extrapolated) = 0.203 W/kg
SAR(1 g) = 0.150 W/kg
Smallest distance from peaks to all points 3 dB below is 20.4 mm
Ratio of SAR at M2 to SAR at M1 = 92.2 %



ELEMENT

DUT: A3LSMF936U; Type: Portable Handset; Serial: 3591M

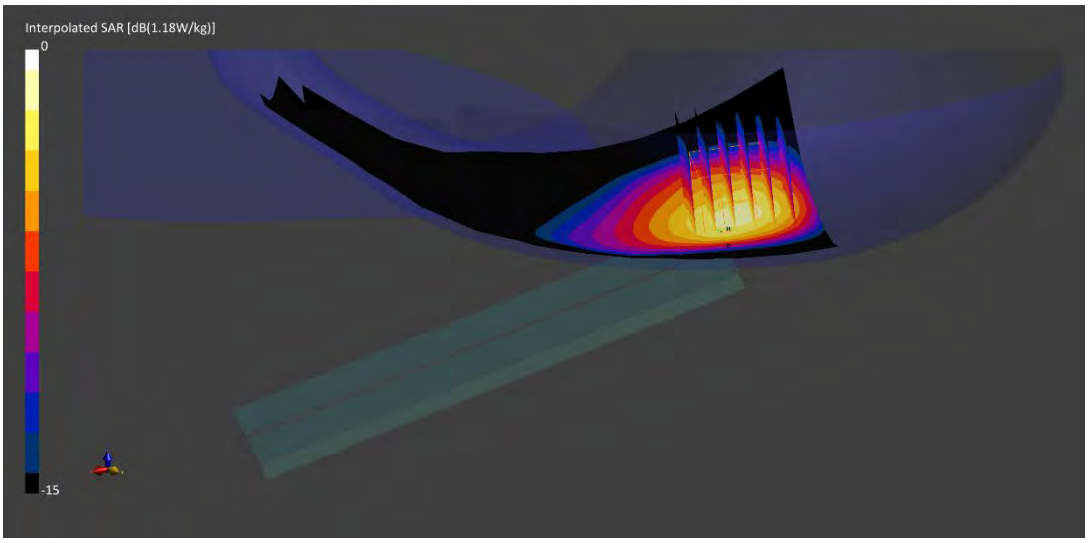
Communication System: UID:10934 - AAC, 5G NR FR1 FDD; MAIA: Y; Frequency: 1745.0 MHz
Medium: 1750 Head; Medium parameters used:
f = 1745.0 MHz; cond = 1.33 S/m; perm = 40.7; density = 1000 kg/m3
Phantom Section: LeftHead; Space: 0.00 mm

Test Date: 06/09/2022; Ambient Temp: 24.4°C; Tissue Temp: 22.2°C

Probe: EX3DV4 - SN7670; ConvF:(8.53,8.53,8.53); Calibrated: 2021-08-05
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1681; Calibrated: 2021-08-03
Phantom: Twin-SAM V8.0; Serial: 1630
Measurement SW: DASY Module SAR V16.0.2.136

Mode: NR Band n66, Antenna F, Left Head, Tilt, Ch. 349000,
40 MHz Bandwidth, DFT-s-OFDM QPSK, 1 RB, 108 RB Offset

Area Scan (120.0 x 210.0): Measurement grid: dx=15.0 mm, dy=15.0 mm
Zoom Scan (30.0 x 30.0 x 30.0): Measurement grid: dx=6.0 mm, dy=6.0 mm, dz=1.5 mm; Graded Ratio: 1.5
Reference Value = 0.73 W/kg; Power Drift = -0.02 dB
Peak SAR (extrapolated) = 1.18 W/kg
SAR(1 g) = 0.706 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 = 84.6 %



ELEMENT

DUT: A3LSMF936U; Type: Portable Handset; Serial: 1808M

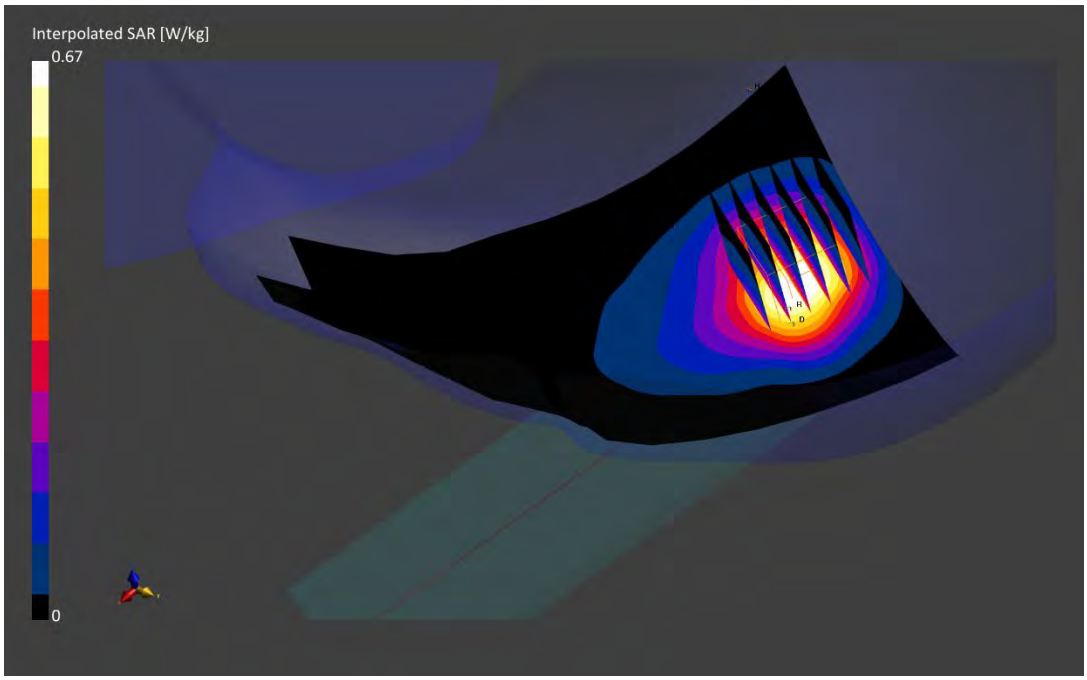
Communication System: UID:10773 - AAD, CW; MAIA: Y; Frequency: 1882.5 MHz
Medium: 1750 Head; Medium parameters used:
f = 1882.5 MHz; cond = 1.39 S/m; perm = 39.2; density = 1000 kg/m3
Phantom Section: LeftHead; Space: 0.00 mm

Test Date: 06/12/2022; Ambient Temp: 21.0°C; Tissue Temp: 20.1°C

Probe: EX3DV4 - SN7670; ConvF:(8.27,8.27,8.27); Calibrated: 2021-08-05
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1681; Calibrated: 2021-08-03
Phantom: Twin-SAM V8.0; Serial: 1630
Measurement SW: DASY Module SAR V16.0.2.136

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

Area Scan (120.0 x 210.0): Measurement grid: dx=15.0 mm, dy=15.0 mm
Zoom Scan (30.0 x 30.0 x 30.0): Measurement grid: dx=6.0 mm, dy=6.0 mm, dz=1.5 mm; Graded Ratio: 1.5
Reference Value = 0.42 W/kg; Power Drift = 0.03 dB
Peak SAR (extrapolated) = 0.670 W/kg
SAR(1 g) = 0.394 W/kg
Smallest distance from peaks to all points 3 dB below is 12.9 mm
Ratio of SAR at M2 to SAR at M1 = 83.5 %



ELEMENT

DUT: A3LSMF936U; Type: Portable Handset; Serial: 1793M

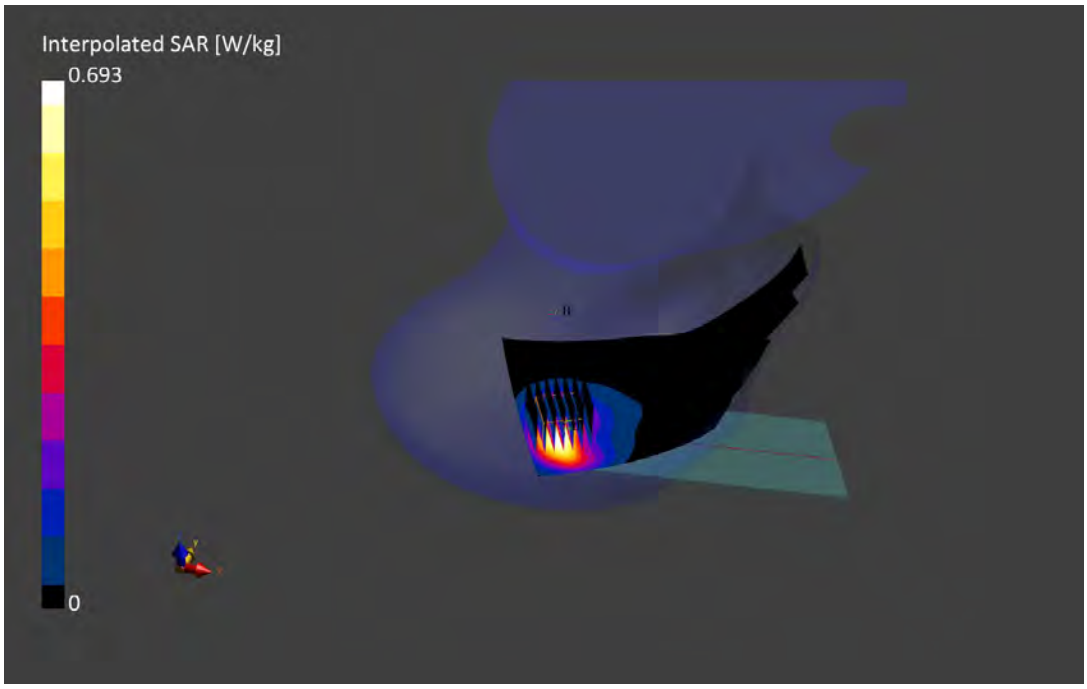
Communication System: UID:10937 - AAC, 5G NR FR1 FDD; MAIA: Y; Frequency: 2310.0 MHz
Medium: 2450 Head; Medium parameters used:
f = 2310.0 MHz; cond = 1.67 S/m; perm = 39.9; density = 1000 kg/m3
Phantom Section: RightHead; Space: 0.00 mm

Test Date: 05/15/2022; Ambient Temp: 22.3°C; Tissue Temp: 21.8°C

Probe: EX3DV4 - SN7410; ConvF:(7.82,7.82,7.82); Calibrated: 2021-07-20
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1583; Calibrated: 2021-07-13
Phantom: Twin-SAM V5.0; Serial: 1792
Measurement SW: DASY Module SAR V16.0.2.136

Mode: NR Band n30, Antenna F, Right Head, Tilt, Ch. 462000,
10 MHz Bandwidth, DFT-s-OFDM QPSK, 25 RB, 14 RB Offset

Area Scan (100.0 x 200.0): Measurement grid: dx=10.0 mm, dy=10.0 mm
Zoom Scan (30.0 x 30.0 x 30.0): Measurement grid: dx=5.0 mm, dy=5.0 mm, dz=1.5 mm; Graded Ratio: 1.5
Reference Value = 0.35 W/kg; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 0.693 W/kg
SAR(1 g) = 0.368 W/kg
Smallest distance from peaks to all points 3 dB below is 10.3 mm
Ratio of SAR at M2 to SAR at M1 = 82.3 %



ELEMENT

DUT: A3LSMF936U; Type: Portable Handset; Serial: 1779M

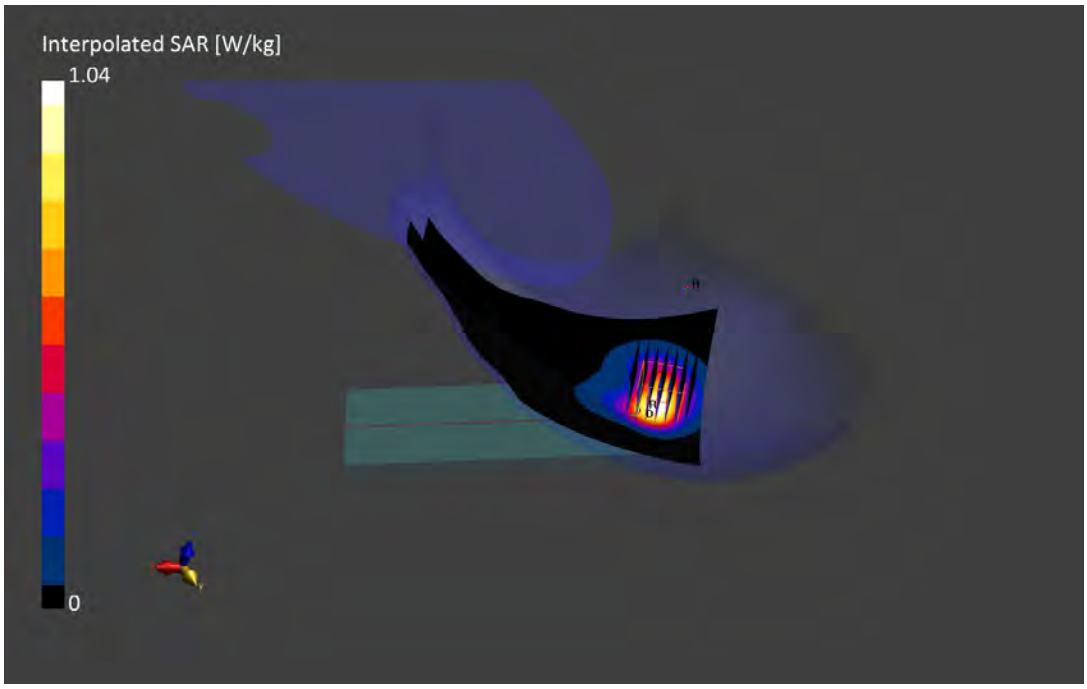
Communication System: UID:10942 - AAC, 5G NR FR1 FDD; MAIA: Y; Frequency: 2535.0 MHz
Medium: 2450 Head; Medium parameters used:
f = 2535.0 MHz; cond = 1.94 S/m; perm = 38.6; density = 1000 kg/m3
Phantom Section: LeftHead; Space: 0.00 mm

Test Date: 05/18/2022; Ambient Temp: 22.7°C; Tissue Temp: 21.5°C

Probe: EX3DV4 - SN7410; ConvF:(7.37,7.37,7.37); Calibrated: 2021-07-20
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1583; Calibrated: 2021-07-13
Phantom: Twin-SAM V5.0; Serial: 1792
Measurement SW: DASY Module SAR V16.0.2.136

Mode: NR Band n7, Antenna F, Left Head, Tilt, Ch. 507000,
40 MHz Bandwidth, DFT-s-OFDM QPSK, 108 RB, 54 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 = 0.40 W/kg; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 1.04 W/kg
SAR(1 g) = 0.506 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 = 79.5 %



ELEMENT

DUT: A3LSMF936U; Type: Portable Handset; Serial: 1779M

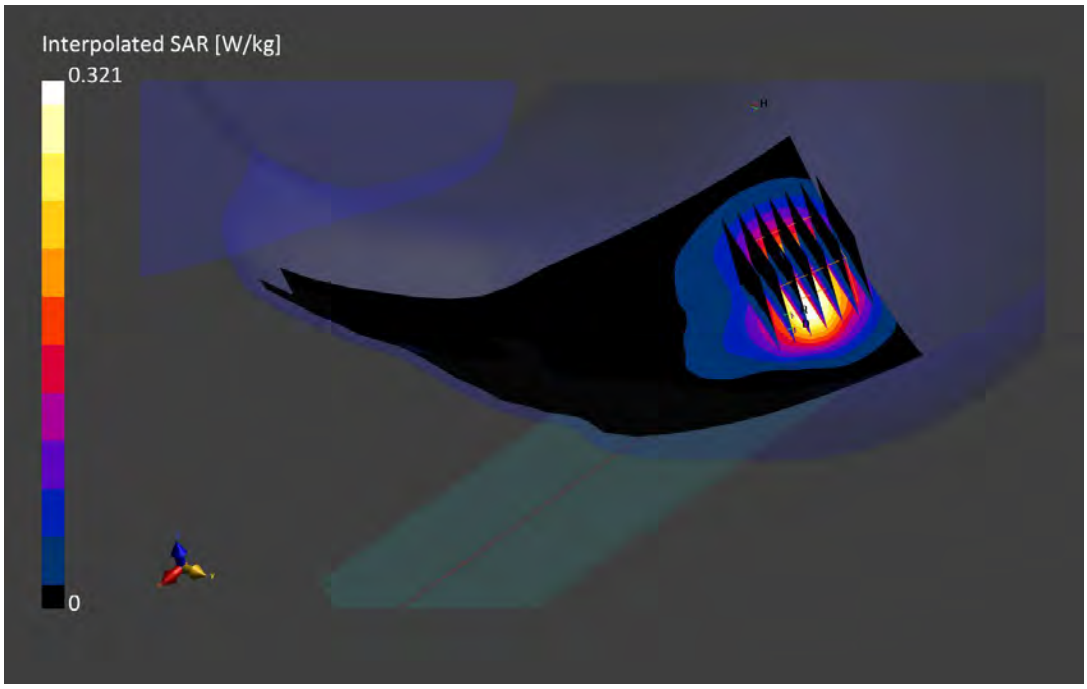
Communication System: UID:10866 - AAD, 5G NR FR1 TDD; MAIA: Y; Frequency: 2593.0 MHz
Medium: 2450 Head; Medium parameters used:
f = 2593.0 MHz; cond = 2.01 S/m; perm = 38.1; density = 1000 kg/m3
Phantom Section: LeftHead; Space: 0.00 mm

Test Date: 05/11/2022; Ambient Temp: 24.4°C; Tissue Temp: 21.3°C

Probe: EX3DV4 - SN7410; ConvF:(7.37,7.37,7.37); Calibrated: 2021-07-20
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1583; Calibrated: 2021-07-13
Phantom: Twin-SAM V5.0; Serial: 1792
Measurement SW: DASY Module SAR V16.0.2.136

Mode: NR Band n41, Antenna F, Left Head, Tilt, Ch. 518598,
100 MHz Bandwidth, DFT-s-OFDM QPSK, 1 RB, 1 RB Offset

Area Scan (100.0 x 200.0): Measurement grid: dx=10.0 mm, dy=10.0 mm
Zoom Scan (30.0 x 30.0 x 30.0): Measurement grid: dx=5.0 mm, dy=5.0 mm, dz=1.5 mm; Graded Ratio: 1.5
Reference Value = 0.13 W/kg; Power Drift = 0.06 dB
Peak SAR (extrapolated) = 0.321 W/kg
SAR(1 g) = 0.159 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 = 79.4 %



ELEMENT

DUT: A3LSMF936U; Type: Portable Handset; Serial: 1790M

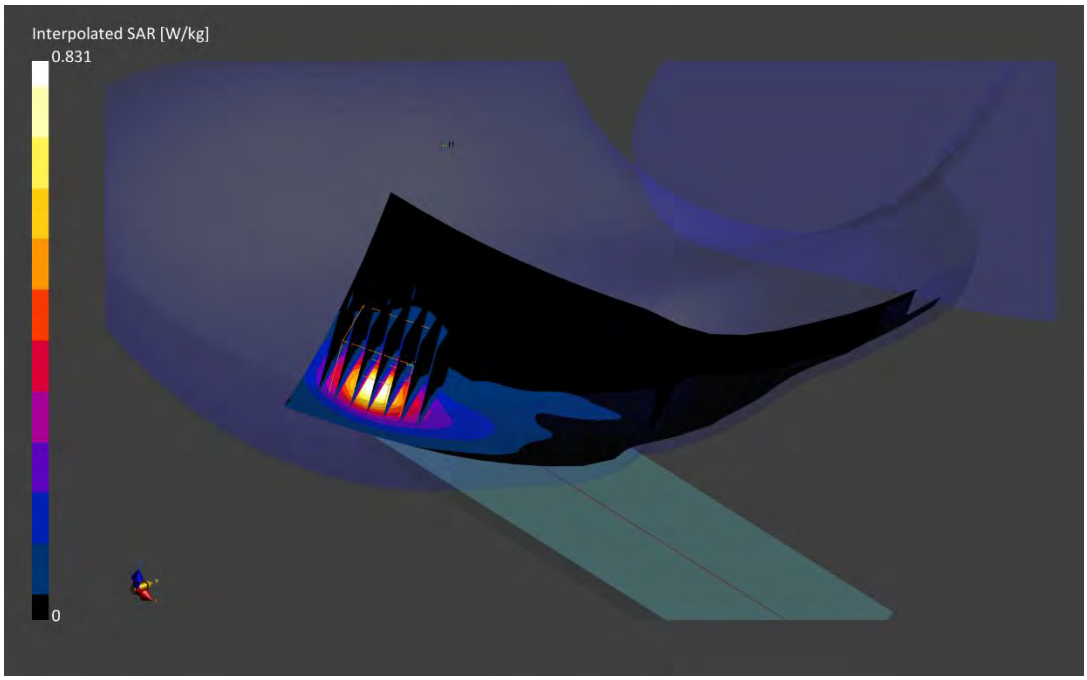
Communication System: UID:10797 - AAD, 5G NR FR1 TDD; MAIA: Y; Frequency: 3625.0 MHz
Medium: 3600 Head; Medium parameters used:
f = 3625.0 MHz; cond = 2.90 S/m; perm = 39.4; density = 1000 kg/m3
Phantom Section: RightHead; Space: 0.00 mm

Test Date: 04/24/2022; Ambient Temp: 21.5°C; Tissue Temp: 21.6°C

Probe: EX3DV4 - SN7670; ConvF:(6.93,6.93,6.93); Calibrated: 2021-08-05
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1681; Calibrated: 2021-08-03
Phantom: Twin-SAM V8.0; Serial: 1630
Measurement SW: DASY Module SAR V16.0.2.136

Mode: NR Band n48, Antenna F, Right Head, Tilt, Ch.641666,
40 MHz Bandwidth, CP-OFDM QPSK, 1 RB, 1 RB Offset

Area Scan (100.0 x 200.0): Measurement grid: dx=10.0 mm, dy=10.0 mm
Zoom Scan (28.0 x 28.0 x 28.0): Measurement grid: dx=5.0 mm, dy=5.0 mm, dz=1.4 mm; Graded Ratio: 1.5
Reference Value = 0.36 W/kg; Power Drift = -0.15 dB
Peak SAR (extrapolated) = 0.831 W/kg
SAR(1 g) = 0.342 W/kg
Smallest distance from peaks to all points 3 dB below is 9.3 mm
Ratio of SAR at M2 to SAR at M1 = 76.0 %



ELEMENT

DUT: A3LSMF936U; Type: Portable Handset; Serial: 3591M

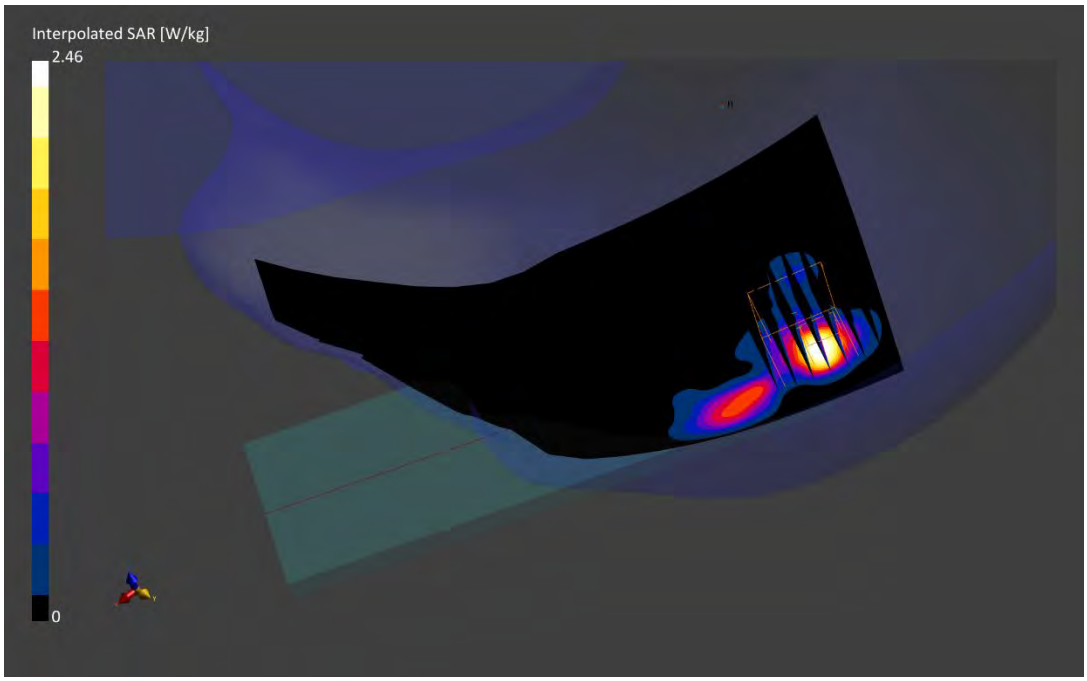
Communication System: UID:10868 - AAD, 5G NR FR1 TDD; MAIA: Y; Frequency: 3500.0 MHz
Medium: 3600 Head; Medium parameters used:
f = 3500.0 MHz; cond = 2.82 S/m; perm = 39.3; density = 1000 kg/m3
Phantom Section: LeftHead; Space: 0.00 mm

Test Date: 06/05/2022; Ambient Temp: 24.4°C; Tissue Temp: 21.0°C

Probe: EX3DV4 - SN7670; ConvF:(7.14,7.14,7.14); Calibrated: 2021-08-05
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1681; Calibrated: 2021-08-03
Phantom: Twin-SAM V8.0; Serial: 1630
Measurement SW: DASY Module SAR V16.0.2.136

Mode: NR Band n77 DoD, Antenna E, Left Head, Cheek, Ch. 633334,
100 MHz Bandwidth, DFT-s-OFDM QPSK, 270 RB, 0 RB Offset

Area Scan (100.0 x 200.0): Measurement grid: dx=10.0 mm, dy=10.0 mm
Zoom Scan (28.0 x 28.0 x 28.0): Measurement grid: dx=5.0 mm, dy=5.0 mm, dz=1.4 mm; Graded Ratio: 1.5
Reference Value = 1.06 W/kg; Power Drift = -0.03 dB
Peak SAR (extrapolated) = 2.46 W/kg
SAR(1 g) = 0.796 W/kg
Smallest distance from peaks to all points 3 dB below is 5.0 mm
Ratio of SAR at M2 to SAR at M1 = 71.3 %



ELEMENT

DUT: A3LSMF936U; Type: Portable Handset; Serial: 1829M

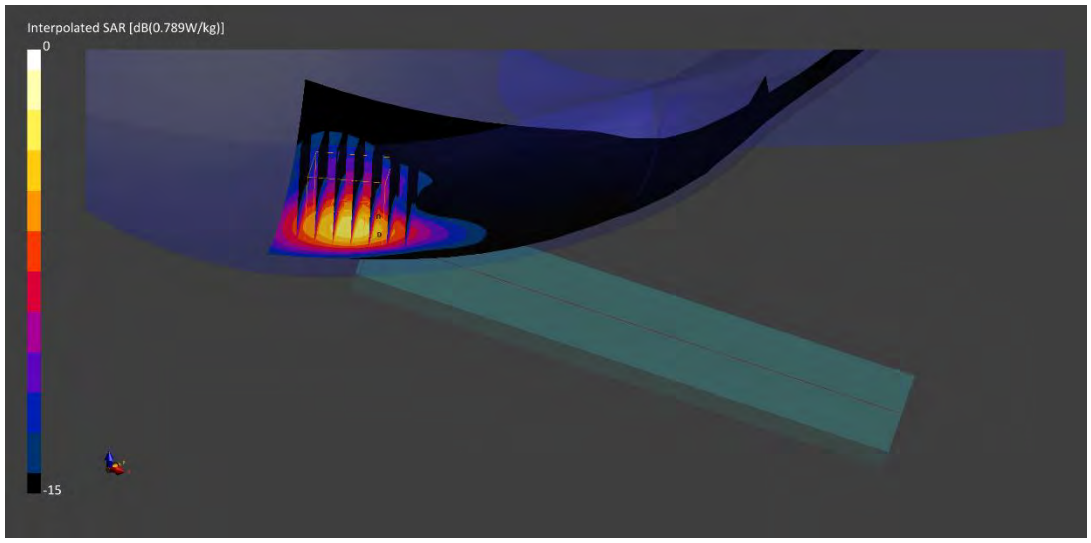
Communication System: UID:10917 - AAB, 5G NR FR1 TDD; MAIA: Y; Frequency: 3750.0 MHz
Medium: 3600 Head; Medium parameters used:
f = 3750.0 MHz; cond = 3.07 S/m; perm = 38.7; density = 1000 kg/m3
Phantom Section: RightHead; Space: 0.00 mm

Test Date: 05/10/2022; Ambient Temp: 22.2°C; Tissue Temp: 20.2°C

Probe: EX3DV4 - SN7670; ConvF:(6.93,6.93,6.93); Calibrated: 2021-08-05
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1681; Calibrated: 2021-08-03
Phantom: Twin-SAM V8.0; Serial: 1630
Measurement SW: DASY Module SAR V16.0.2.136

Mode: NR Band n77 C-Band, Antenna F, Right Head, Tilt, Ch. 650000,
100 MHz Bandwidth, DFT-s-OFDM QPSK, 135 RB, 0 RB Offset

Area Scan (100.0 x 200.0): Measurement grid: dx=10.0 mm, dy=10.0 mm
Zoom Scan (28.0 x 28.0 x 28.0): Measurement grid: dx=5.0 mm, dy=5.0 mm, dz=1.4 mm; Graded Ratio: 1.5
Reference Value = 0.36 W/kg; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 0.789 W/kg
SAR(1 g) = 0.332 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 = 75.2 %



ELEMENT

DUT: A3LSMF936U; Type: Portable Handset; Serial: 0417M

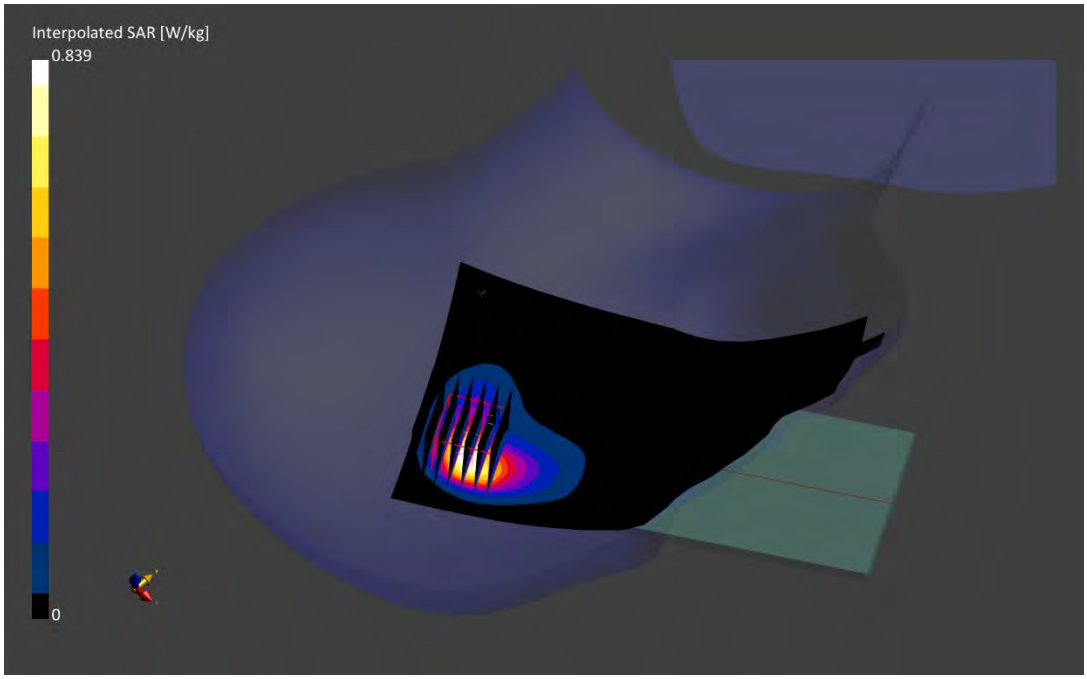
Communication System: UID:10196 - CAD, WLAN; MAIA: Y; Frequency: 2412.0 MHz
Medium: 2450 Head; Medium parameters used:
f = 2412.0 MHz; cond = 1.84 S/m; perm = 40.4; density = 1000 kg/m3
Phantom Section: RightHead; Space: 0.00 mm

Test Date: 05/11/2022; Ambient Temp: 20.0°C; Tissue Temp: 21.0°C

Probe: EX3DV4 - SN7570; ConvF:(7.58,7.58,7.58); Calibrated: 2022-01-19
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1558; Calibrated: 2022-01-14
Phantom: Twin-SAM V8.0; Serial: 20063
Measurement SW: DASY Module SAR V16.0.2.136

Mode: IEEE 802.11n, MIMO, 20 MHz Bandwidth, Right Head, Cheek, Ch.1, 13 Mbps

Area Scan (100.0 x 200.0): Measurement grid: dx=10.0 mm, dy=10.0 mm
Zoom Scan (30.0 x 30.0 x 30.0): Measurement grid: dx=5.0 mm, dy=5.0 mm, dz=1.5 mm; Graded Ratio: 1.5
Reference Value = 0.26 W/kg; Power Drift = -0.02 dB
Peak SAR (extrapolated) = 0.839 W/kg
SAR(1 g) = 0.317 W/kg
Smallest distance from peaks to all points 3 dB below is 5.8 mm
Ratio of SAR at M2 to SAR at M1 = 71.5 %



ELEMENT

DUT: A3LSMF936U; Type: Portable Handset; Serial: 0417M

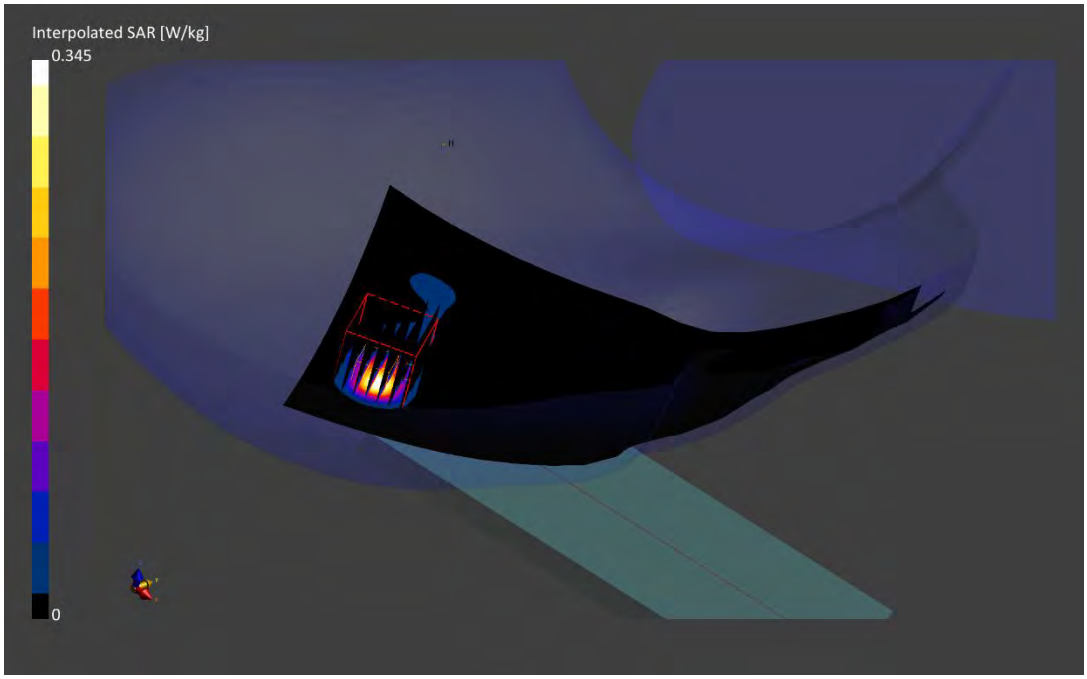
Communication System: UID:10626 - AAC, CW; MAIA: Y; Frequency: 5855.0 MHz
Medium: 5200-5800 Head; Medium parameters used:
f = 5855.0 MHz; cond = 5.34 S/m; perm = 34.5; density = 1000 kg/m3
Phantom Section: RightHead; Space: 0.00 mm

Test Date: 05/19/2022; Ambient Temp: 23.5°C; Tissue Temp: 22.2°C

Probe: EX3DV4 - SN7527; ConvF:(4.88,4.88,4.88); Calibrated: 2022-03-21
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1272; Calibrated: 2022-03-16
Phantom: Twin-SAM V5.0; Serial: 1757
Measurement SW: DASY Module SAR V16.0.2.136

Mode: IEEE 802.11ac, UNII-4, MIMO, 80 MHz Bandwidth, Right Head, Tilt, Ch.171, 58.5 Mbps

Area Scan (100.0 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=3.5 mm, dy=3.5 mm, dz=1.2 mm; Graded Ratio: 1.2
Reference Value = 0.35 W/kg; Power Drift = -0.17 dB
Peak SAR (extrapolated) = 1.23 W/kg
SAR(1 g) = 0.218 W/kg
Smallest distance from peaks to all points 3 dB below is 3.5 mm
Ratio of SAR at M2 to SAR at M1 = 64.2 %



ELEMENT

DUT: A3LSMF936U; Type: Portable Handset; Serial: 0417M

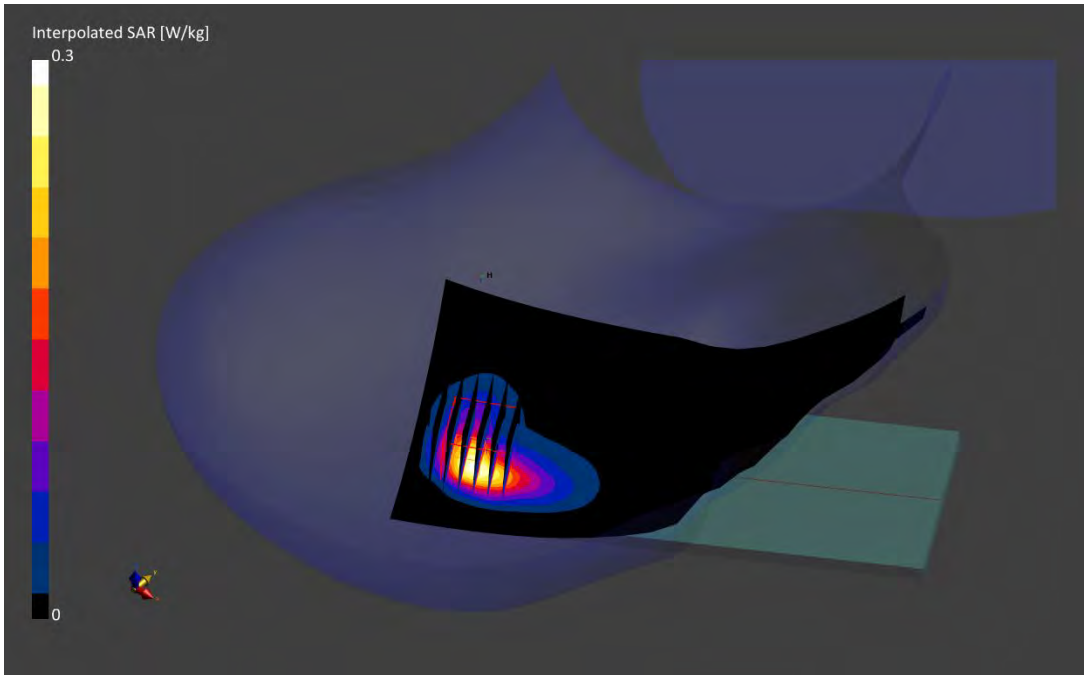
Communication System: UID:10032 - CAA, Bluetooth; MAIA: Y; Frequency: 2441.0 MHz
Medium: 2450 Head; Medium parameters used:
f = 2441.0 MHz; cond = 1.86 S/m; perm = 40.4; density = 1000 kg/m3
Phantom Section: RightHead; Space: 0.00 mm

Test Date: 05/11/2022; Ambient Temp: 20.0°C; Tissue Temp: 21.0°C

Probe: EX3DV4 - SN7570; ConvF:(7.58,7.58,7.58); Calibrated: 2022-01-19
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1558; Calibrated: 2022-01-14
Phantom: Twin-SAM V8.0; Serial: 20063
Measurement SW: DASY Module SAR V16.0.2.136

Mode: Bluetooth, Antenna 1, Right Head, Cheek, Ch. 39, 1 Mbps

Area Scan (100.0 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 = 0.19 W/kg; Power Drift = -0.03 dB
Peak SAR (extrapolated) = 0.548 W/kg
SAR(1 g) = 0.216 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 = 72.1 %



ELEMENT

DUT: A3LSMF936U; Type: Portable Handset; Serial: 1798M

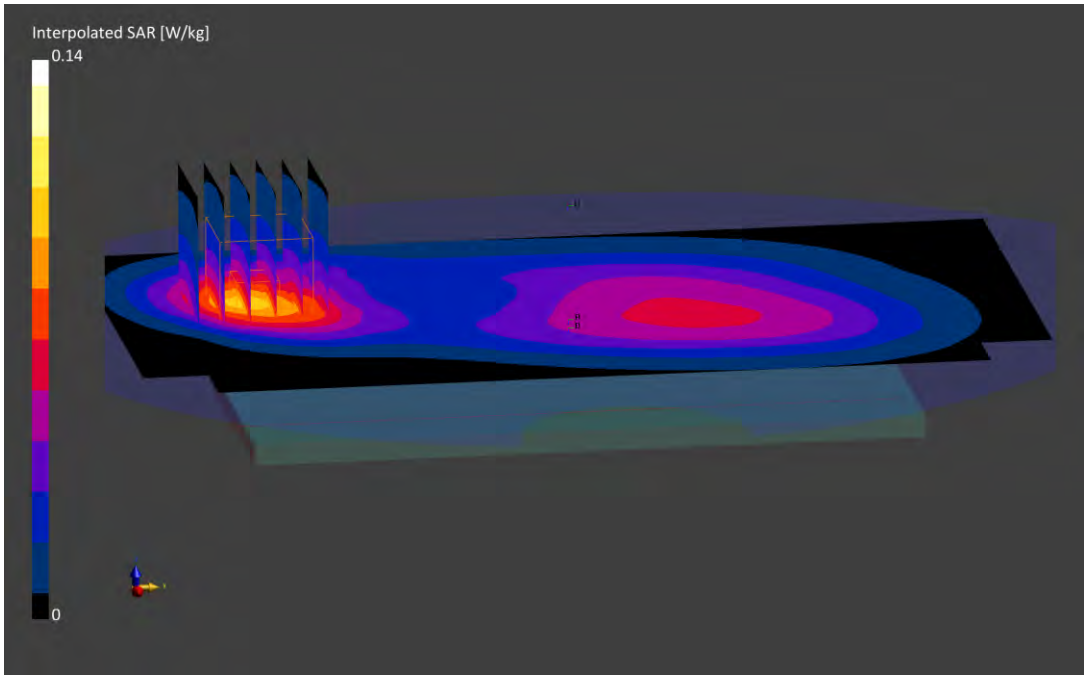
Communication System: UID:10021 - DAC, GSM; MAIA: Y; Frequency: 836.6 MHz
Medium: 835 Body; Medium parameters used:
f = 836.6 MHz; cond = 1.00 S/m; perm = 53.8; density = 1000 kg/m3
Phantom Section: Flat; Space: 15.00 mm

Test Date: 05/19/2022; Ambient Temp: 21.1°C; Tissue Temp: 20.9°C

Probe: EX3DV4 - SN7565; ConvF:(9.55,9.55,9.55); Calibrated: 2021-11-15
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1466; Calibrated: 2021-11-11
Phantom: Twin-SAM V8.0; Serial: 1934
Measurement SW: DASY Module SAR V16.0.2.136

Mode: GSM 850, Antenna A, 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 = 0.09 W/kg; Power Drift = 0.04 dB
Peak SAR (extrapolated) = 0.140 W/kg
SAR(1 g) = 0.087 W/kg
Smallest distance from peaks to all points 3 dB below is 15.4 mm
Ratio of SAR at M2 to SAR at M1 = 85.5 %



ELEMENT

DUT: A3LSMF936U; Type: Portable Handset; Serial: 1328M

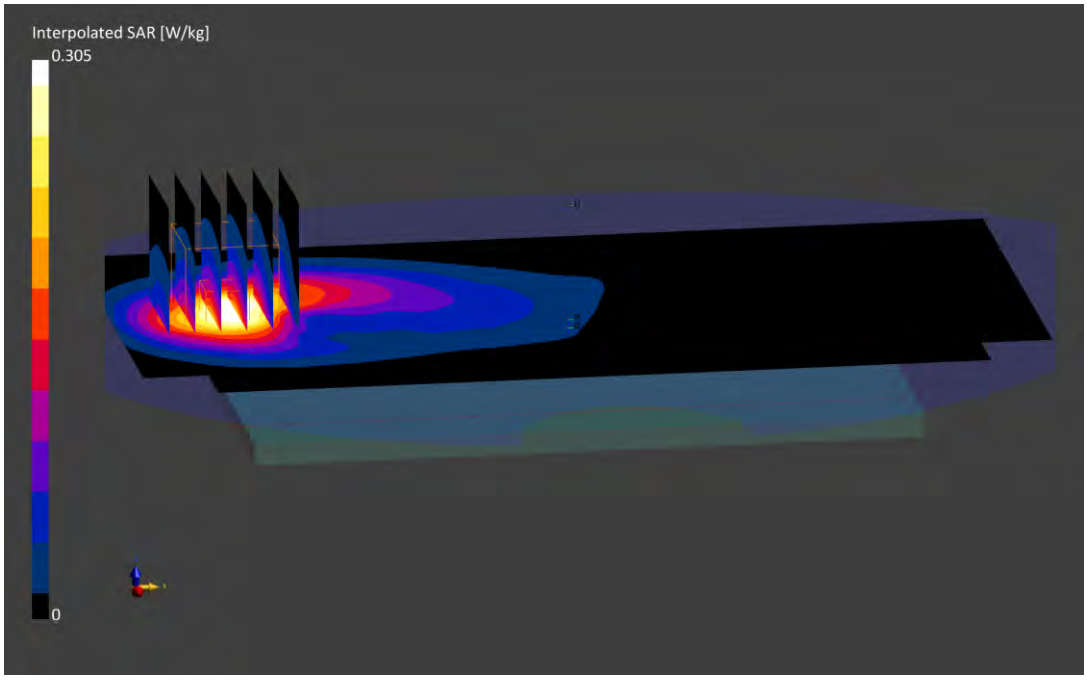
Communication System: UID:10021 - DAC, GSM; MAIA: Y; Frequency: 1850.2 MHz
Medium: 1900 Body; Medium parameters used:
f = 1850.2 MHz; cond = 1.49 S/m; perm = 51.4; density = 1000 kg/m3
Phantom Section: Flat; Space: 15.00 mm

Test Date: 04/26/2022; Ambient Temp: 24.0°C; Tissue Temp: 21.3°C

Probe: EX3DV4 - SN7406; ConvF:(7.66,7.66,7.66); Calibrated: 2021-07-20
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1676; Calibrated: 2021-06-21
Phantom: Twin-SAM V8.0; Serial: 2058
Measurement SW: DASY Module SAR V16.0.2.83

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 = -0.04 dB
Peak SAR (extrapolated) = 0.305 W/kg
SAR(1 g) = 0.183 W/kg
Smallest distance from peaks to all points 3 dB below is 12.4 mm
Ratio of SAR at M2 to SAR at M1 = 83.9 %



ELEMENT

DUT: A3LSMF936U; Type: Portable Handset; Serial: 1798M

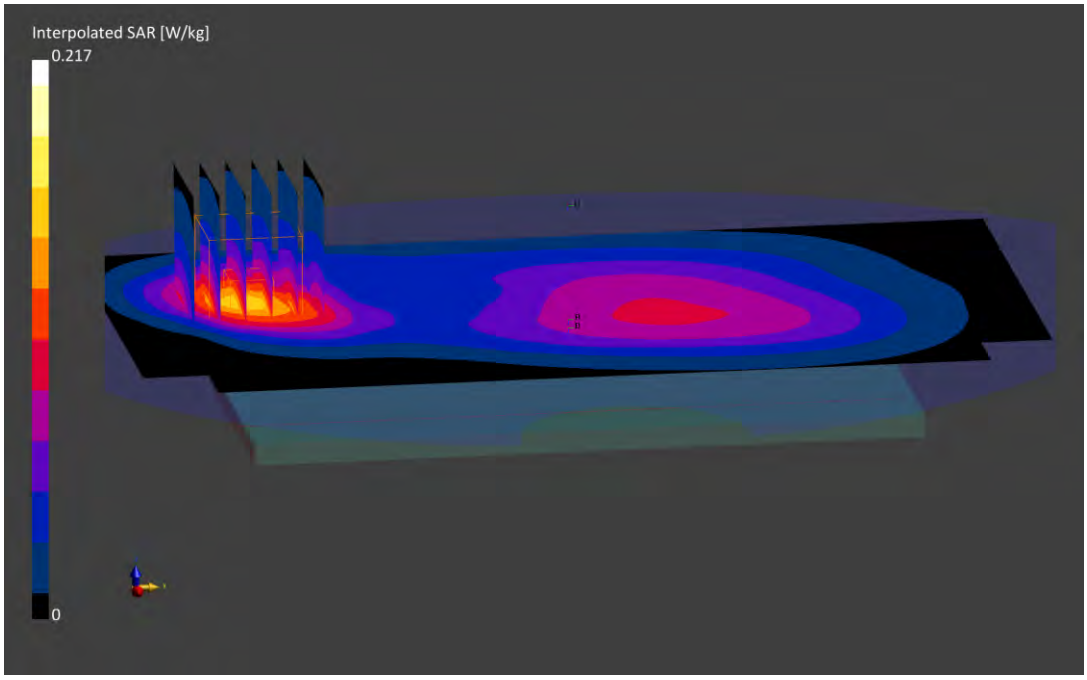
Communication System: UID:10011 - CAB, WCDMA; MAIA: Y; Frequency: 826.4 MHz
Medium: 835 Body; Medium parameters used:
f = 826.4 MHz; cond = 0.999 S/m; perm = 53.8; density = 1000 kg/m3
Phantom Section: Flat; Space: 15.00 mm

Test Date: 05/19/2022; Ambient Temp: 21.1°C; Tissue Temp: 20.9°C

Probe: EX3DV4 - SN7565; ConvF:(9.55,9.55,9.55); Calibrated: 2021-11-15
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1466; Calibrated: 2021-11-11
Phantom: Twin-SAM V8.0; Serial: 1934
Measurement SW: DASY Module SAR V16.0.2.136

Mode: UMTS 850, Antenna A, 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 = 0.14 W/kg; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 0.217 W/kg
SAR(1 g) = 0.137 W/kg
Smallest distance from peaks to all points 3 dB below is 14.4 mm
Ratio of SAR at M2 to SAR at M1 = 86.1 %



ELEMENT

DUT: A3LSMF936U; Type: Portable Handset; Serial: 1331M

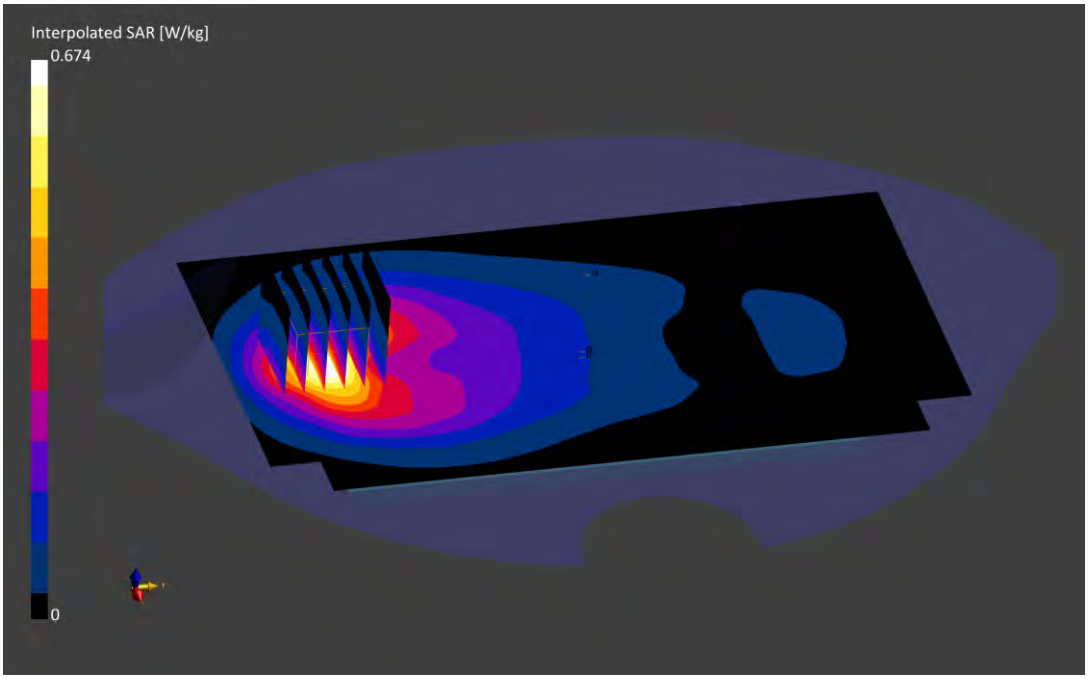
Communication System: UID:10011 - CAB, WCDMA; MAIA: Y; Frequency: 1712.4 MHz
Medium: 1750 Body; Medium parameters used:
f = 1712.4 MHz; cond = 1.45 S/m; perm = 52.9; density = 1000 kg/m3
Phantom Section: Flat; Space: 15.00 mm

Test Date: 05/05/2022; Ambient Temp: 21.5°C; Tissue Temp: 21.0°C

Probe: EX3DV4 - SN7670; ConvF:(8.36,8.36,8.36); Calibrated: 2021-08-05
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1681; Calibrated: 2021-08-03
Phantom: Twin-SAM V8.0; Serial: 1966
Measurement SW: DASY Module SAR V16.0.2.136

Mode: UMTS 1750, 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 = 0.39 W/kg; Power Drift = -0.05 dB
Peak SAR (extrapolated) = 0.674 W/kg
SAR(1 g) = 0.410 W/kg
Smallest distance from peaks to all points 3 dB below is 13.7 mm
Ratio of SAR at M2 to SAR at M1 = 84.4 %



ELEMENT

DUT: A3LSMF936U; Type: Portable Handset; Serial: 1328M

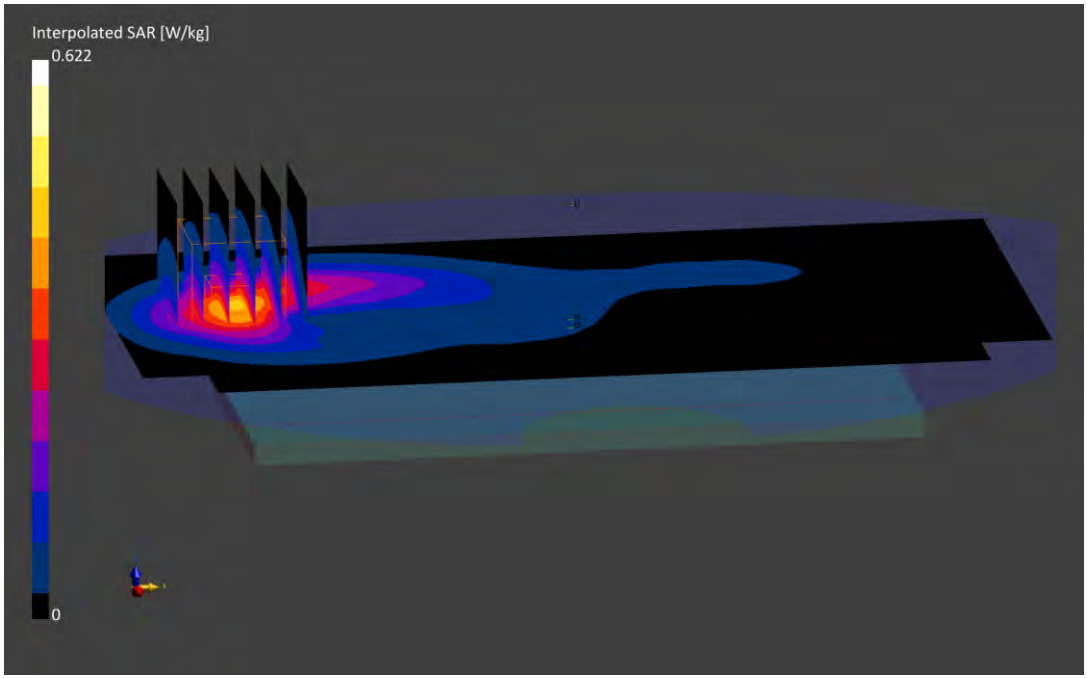
Communication System: UID:10011 - CAB, WCDMA; MAIA: Y; Frequency: 1880.0 MHz
Medium: 1900 Body; Medium parameters used:
f = 1880.0 MHz; cond = 1.53 S/m; perm = 51.3; density = 1000 kg/m3
Phantom Section: Flat; Space: 15.00 mm

Test Date: 04/26/2022; Ambient Temp: 24.0°C; Tissue Temp: 21.3°C

Probe: EX3DV4 - SN7406; ConvF:(7.66,7.66,7.66); Calibrated: 2021-07-20
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1676; Calibrated: 2021-06-21
Phantom: Twin-SAM V8.0; Serial: 2058
Measurement SW: DASY Module SAR V16.0.2.83

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 = 0.37 W/kg; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 0.622 W/kg
SAR(1 g) = 0.365 W/kg
Smallest distance from peaks to all points 3 dB below is 12.4 mm
Ratio of SAR at M2 to SAR at M1 = 84.5 %



ELEMENT

DUT: A3LSMF936U; Type: Portable Handset; Serial: 1798M

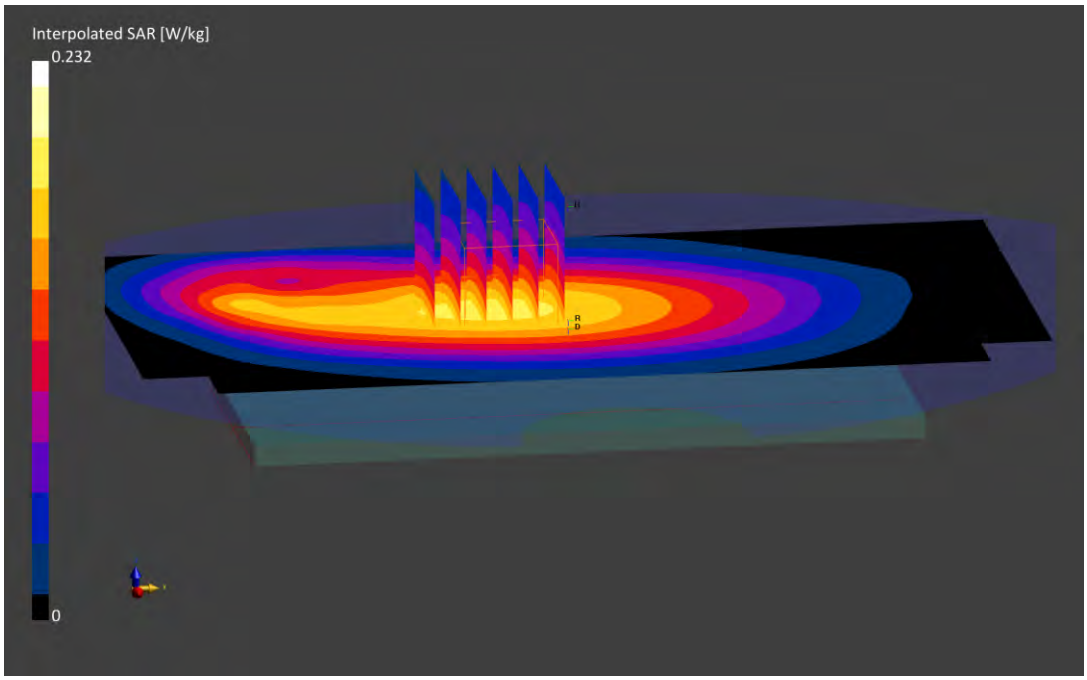
Communication System: UID:10169 - CAE, LTE-FDD; MAIA: Y; Frequency: 680.5 MHz
Medium: 750 Body; Medium parameters used:
f = 680.5 MHz; cond = 0.911 S/m; perm = 54.8; density = 1000 kg/m3
Phantom Section: Flat; Space: 15.00 mm

Test Date: 04/27/2022; Ambient Temp: 20.5°C; Tissue Temp: 20.2°C

Probe: EX3DV4 - SN7565; ConvF:(9.78,9.78,9.78); Calibrated: 2021-11-15
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1466; Calibrated: 2021-11-11
Phantom: Twin-SAM V8.0; Serial: 1934
Measurement SW: DASY Module SAR V16.0.2.136

Mode: LTE Band 71, Antenna A+B, Body SAR, Back side, Mid 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 = 0.17 W/kg; Power Drift = -0.05 dB
Peak SAR (extrapolated) = 0.232 W/kg
SAR(1 g) = 0.167 W/kg
Smallest distance from peaks to all points 3 dB below is > 15.0 mm
Ratio of SAR at M2 to SAR at M1 = 88.3 %



ELEMENT

DUT: A3LSMF936U; Type: Portable Handset; Serial: 1798M

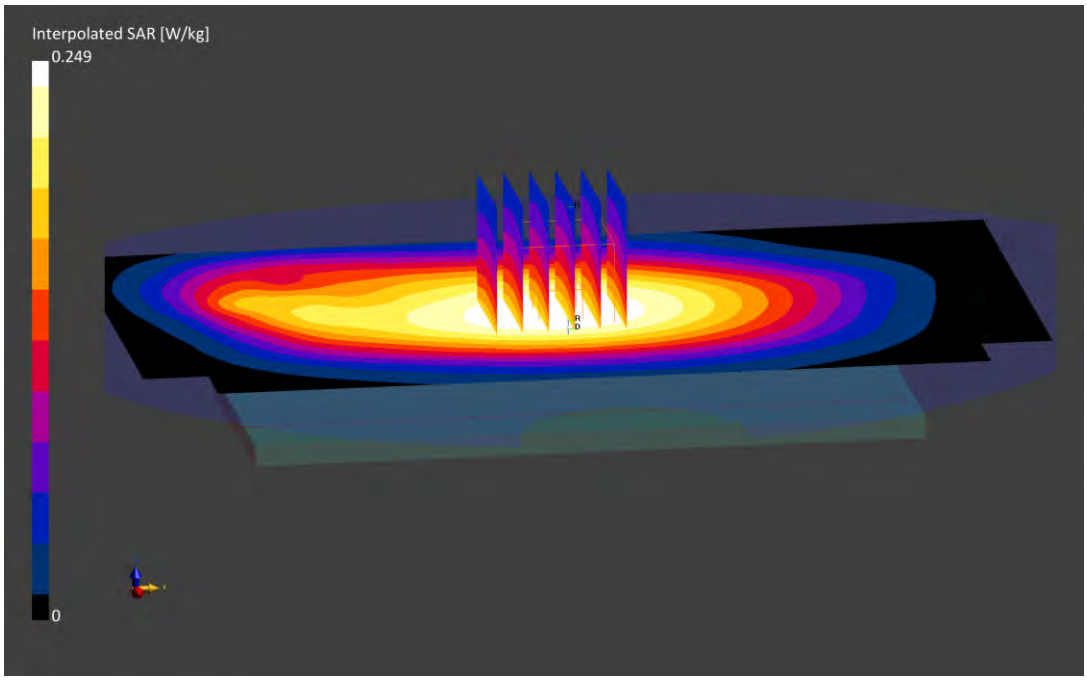
Communication System: UID:10175 - CAG, LTE-FDD; MAIA: Y; Frequency: 707.5 MHz
Medium: 750 Body; Medium parameters used:
f = 707.5 MHz; cond = 0.935 S/m; perm = 55.1; density = 1000 kg/m3
Phantom Section: Flat; Space: 15.00 mm

Test Date: 05/06/2022; Ambient Temp: 20.1°C; Tissue Temp: 20.7°C

Probe: EX3DV4 - SN7565; ConvF:(9.78,9.78,9.78); Calibrated: 2021-11-15
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1466; Calibrated: 2021-11-11
Phantom: Twin-SAM V8.0; Serial: 1934
Measurement SW: DASY Module SAR V16.0.2.136

Mode: LTE Band 12, Antenna A+B, Body SAR, Back Side, 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 = 0.18 W/kg; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 0.249 W/kg
SAR(1 g) = 0.183 W/kg
Smallest distance from peaks to all points 3 dB below is > 15.0 mm
Ratio of SAR at M2 to SAR at M1 = 88.6 %



ELEMENT

DUT: A3LSMF936U; Type: Portable Handset; Serial: 1798M

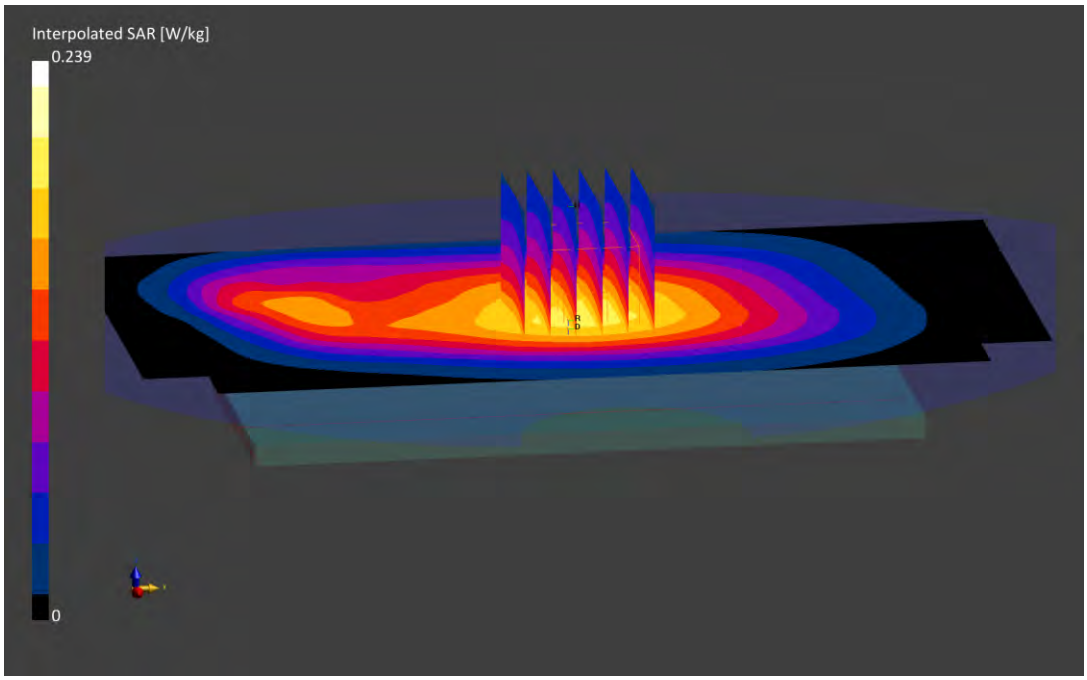
Communication System: UID:10175 - CAG, LTE-FDD; MAIA: Y; Frequency: 782.0 MHz
Medium: 750 Body; Medium parameters used:
f = 782.0 MHz; cond = 0.976 S/m; perm = 54.3; density = 1000 kg/m3
Phantom Section: Flat; Space: 15.00 mm

Test Date: 05/09/2022; Ambient Temp: 21.8°C; Tissue Temp: 21.0°C

Probe: EX3DV4 - SN7565; ConvF:(9.78,9.78,9.78); Calibrated: 2021-11-15
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1466; Calibrated: 2021-11-11
Phantom: Twin-SAM V8.0; Serial: 1934
Measurement SW: DASY Module SAR V16.0.2.136

Mode: LTE Band 13, Antenna A+B, Body SAR, Back side, 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 = 0.18 W/kg; Power Drift = -0.15 dB
Peak SAR (extrapolated) = 0.239 W/kg
SAR(1 g) = 0.171 W/kg
Smallest distance from peaks to all points 3 dB below is > 15.0 mm
Ratio of SAR at M2 to SAR at M1 = 87.4 %



ELEMENT

DUT: A3LSMF936U; Type: Portable Handset; Serial: 1798M

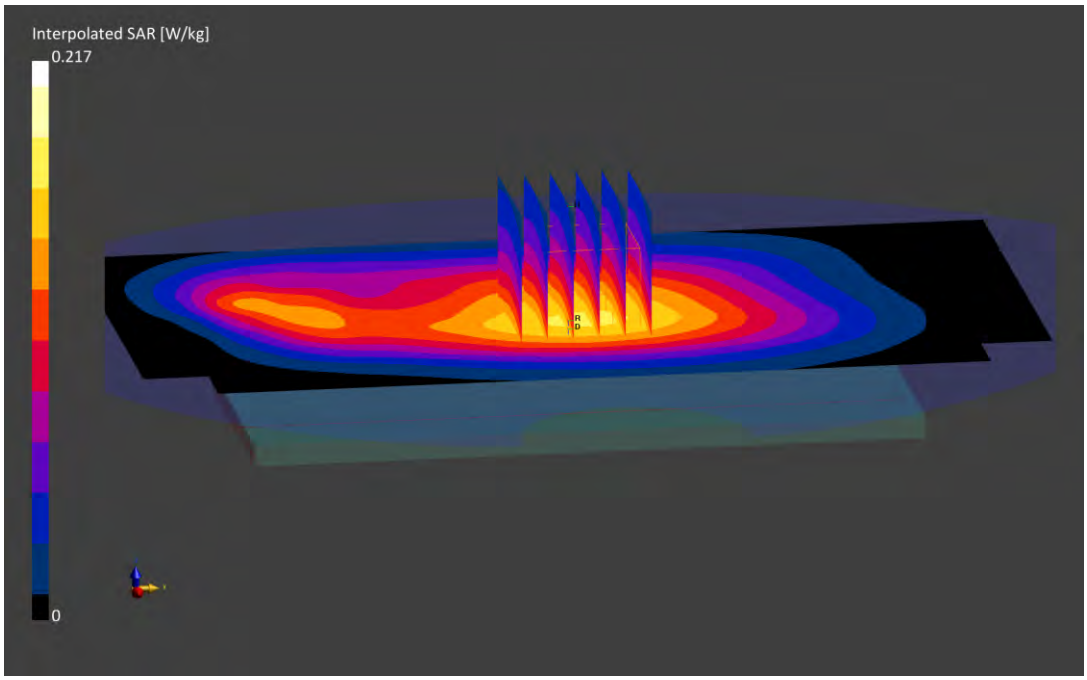
Communication System: UID:10175 - CAG, LTE-FDD; MAIA: Y; Frequency: 793.0 MHz
Medium: 750 Body; Medium parameters used:
f = 793.0 MHz; cond = 0.990 S/m; perm = 55.0; density = 1000 kg/m3
Phantom Section: Flat; Space: 15.00 mm

Test Date: 05/11/2022; Ambient Temp: 21.3°C; Tissue Temp: 21.0°C

Probe: EX3DV4 - SN7565; ConvF:(9.78,9.78,9.78); Calibrated: 2021-11-15
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1466; Calibrated: 2021-11-11
Phantom: Twin-SAM V8.0; Serial: 1934
Measurement SW: DASY Module SAR V16.0.2.136

Mode: LTE Band 14, Antenna A+B, Body SAR, Back side, 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 = 0.15 W/kg; Power Drift = 0.07 dB
Peak SAR (extrapolated) = 0.217 W/kg
SAR(1 g) = 0.153 W/kg
Smallest distance from peaks to all points 3 dB below is > 15.0 mm
Ratio of SAR at M2 to SAR at M1 = 87.3 %



ELEMENT

DUT: A3LSMF936U; Type: Portable Handset; Serial: 1798M

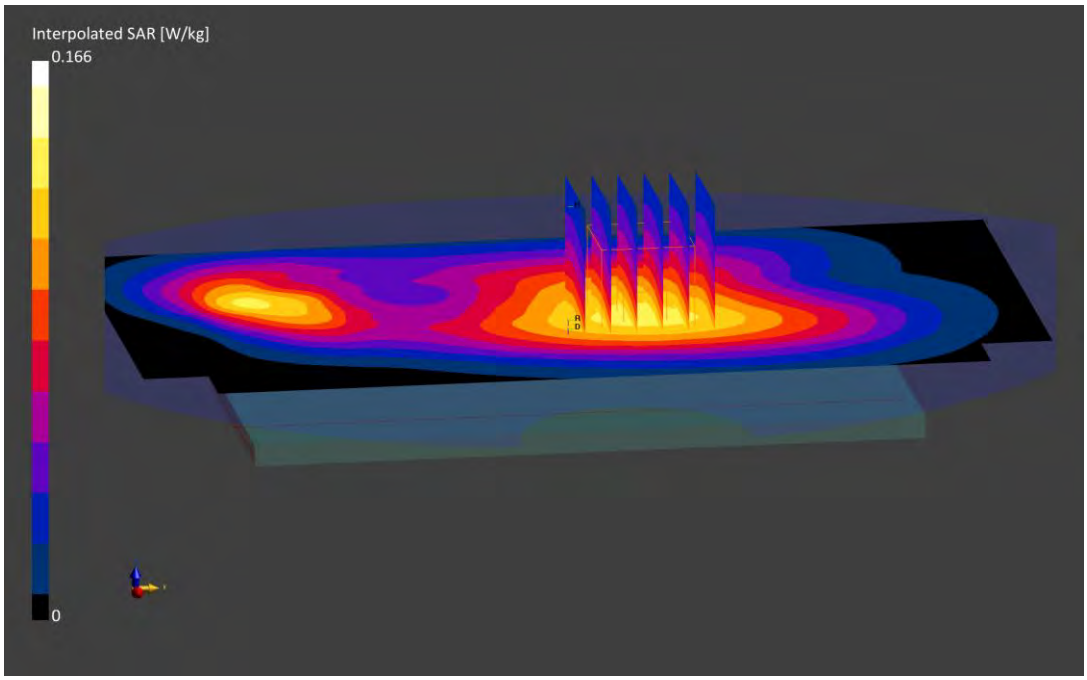
Communication System: UID:10181 - CAE, LTE-FDD; MAIA: Y; Frequency: 831.5 MHz
Medium: 835 Body; Medium parameters used:
f = 831.5 MHz; cond = 0.988 S/m; perm = 54.5; density = 1000 kg/m3
Phantom Section: Flat; Space: 15.00 mm

Test Date: 05/17/2022; Ambient Temp: 20.2°C; Tissue Temp: 20.0°C

Probe: EX3DV4 - SN7565; ConvF:(9.55,9.55,9.55); Calibrated: 2021-11-15
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1466; Calibrated: 2021-11-11
Phantom: Twin-SAM V8.0; Serial: 1934
Measurement SW: DASY Module SAR V16.0.2.136

Mode: LTE Band 26, Antenna A+B, Body SAR, Back Side, Mid Ch,
15 MHz Bandwidth, QPSK, 1 RB, 36 RB Offset

Area Scan (120.0 x 210.0): Measurement grid: dx=15.0 mm, dy=15.0 mm
Zoom Scan (30.0 x 30.0 x 30.0): Measurement grid: dx=6.0 mm, dy=6.0 mm, dz=1.5 mm; Graded Ratio: 1.5
Reference Value = 0.12 W/kg; Power Drift = -0.05 dB
Peak SAR (extrapolated) = 0.166 W/kg
SAR(1 g) = 0.123 W/kg
Smallest distance from peaks to all points 3 dB below is > 15.0 mm
Ratio of SAR at M2 to SAR at M1 = 90.2 %



ELEMENT

DUT: A3LSMF936U; Type: Portable Handset; Serial: 1785M

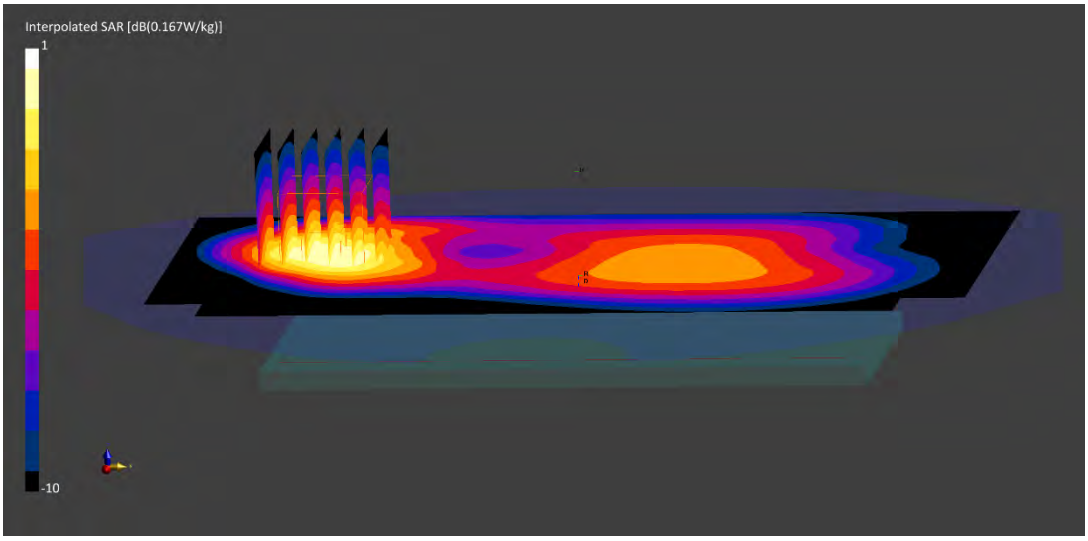
Communication System: UID:10175 - CAG, LTE-FDD; MAIA: Y; Frequency: 836.5 MHz
Medium: 835 Body; Medium parameters used:
f = 836.5 MHz; cond = 0.969 S/m; perm = 52.8; density = 1000 kg/m3
Phantom Section: Flat; Space: 15.00 mm

Test Date: 05/26/2022; Ambient Temp: 21.1°C; Tissue Temp: 21.1°C

Probe: EX3DV4 - SN7640; ConvF:(10.66,10.66,10.66); Calibrated: 2022-02-24
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1645; Calibrated: 2022-02-21
Phantom: Twin-SAM V5.0; Serial: 1868
Measurement SW: DASY Module SAR V16.0.2.136

Mode: LTE Band 5, Antenna A, ULCA, Body SAR, Back Side, Mid Ch,
PCC: 10 MHz Bandwidth, QPSK, Ch. 20525, 1 RB, 49 RB Offset
SCC: 5 MHz Bandwidth, QPSK, Ch. 20597, 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) = 0.245 W/kg
SAR(1 g) = 0.153 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 = 85.4 %



ELEMENT

DUT: A3LSMF936U; Type: Portable Handset; Serial: 1795M

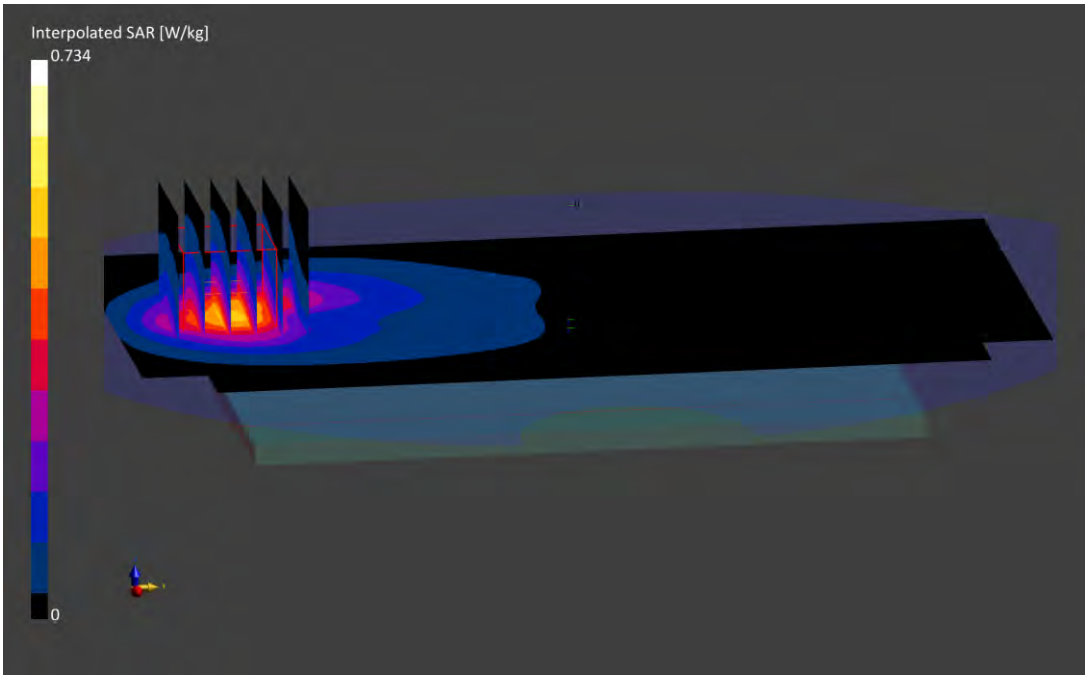
Communication System: UID:10175 - CAG, LTE-FDD; MAIA: Y; Frequency: 1775.0 MHz
Medium: 1750 Body; Medium parameters used:
f = 1775.0 MHz; cond = 1.49 S/m; perm = 52.9; density = 1000 kg/m3
Phantom Section: Flat; Space: 15 mm

Test Date: 05/05/2022; Ambient Temp: 21.5°C; Tissue Temp: 21.0°C

Probe: EX3DV4 - SN7670; ConvF:(8.36,8.36,8.36); Calibrated: 2021-08-05
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1681; Calibrated: 2021-08-03
Phantom: Twin-SAM V8.0; Serial: 1966
Measurement SW: DASY Module SAR V16.0.2.136

Mode: LTE Band 66 (AWS), Antenna B, ULCA CA_66B, Body SAR, Back Side, High Ch.,
PCC: 10 MHz Bandwidth, QPSK, Ch. 132622, 1 RB, 0 RB Offset
SCC: 10 MHz Bandwidth, QPSK, Ch. 132523, 1 RB, 49 RB Offset

Area Scan (120.0 x 210.0): Measurement grid: dx=15.0 mm, dy=15.0 mm
Zoom Scan (30.0 x 30.0 x 30.0): Measurement grid: dx=6.0 mm, dy=6.0 mm, dz=1.5 mm; Graded Ratio: 1.5
Reference Value = 0.42 W/kg; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 0.734 W/kg
SAR(1 g) = 0.446 W/kg
Smallest distance from peaks to all points 3 dB below is 12.5 mm
Ratio of SAR at M2 to SAR at M1 = 86.5 %



ELEMENT

DUT: A3LSMF936U; Type: Portable Handset; Serial: 1328M

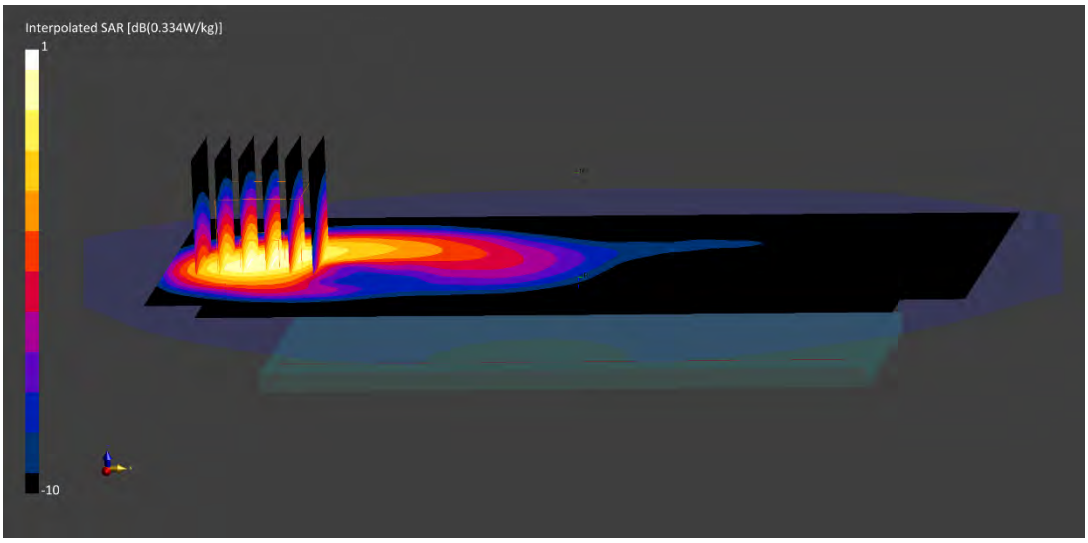
Communication System: UID:10169 - CAE, LTE-FDD; MAIA: Y; Frequency: 1882.5 MHz
Medium: 1900 Body; Medium parameters used:
f = 1882.5 MHz; cond = 1.52 S/m; perm = 52.2; density = 1000 kg/m3
Phantom Section: Flat; Space: 15.00 mm

Test Date: 04/28/2022; Ambient Temp: 22.9°C; Tissue Temp: 22.1°C

Probe: EX3DV4 - SN7406; ConvF:(7.66,7.66,7.66); Calibrated: 2021-07-20
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1676; Calibrated: 2021-06-21
Phantom: Twin-SAM V8.0; Serial: 2058
Measurement SW: DASY Module SAR V16.0.2.136

Mode: LTE Band 25, Antenna B, 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 = 0.32 W/kg; Power Drift = -0.02 dB
Peak SAR (extrapolated) = 0.540 W/kg
SAR(1 g) = 0.318 W/kg
Smallest distance from peaks to all points 3 dB below is 11.3 mm
Ratio of SAR at M2 to SAR at M1 = 84.4 %



ELEMENT

DUT: A3LSMF936U; Type: Portable Handset; Serial: 1328M

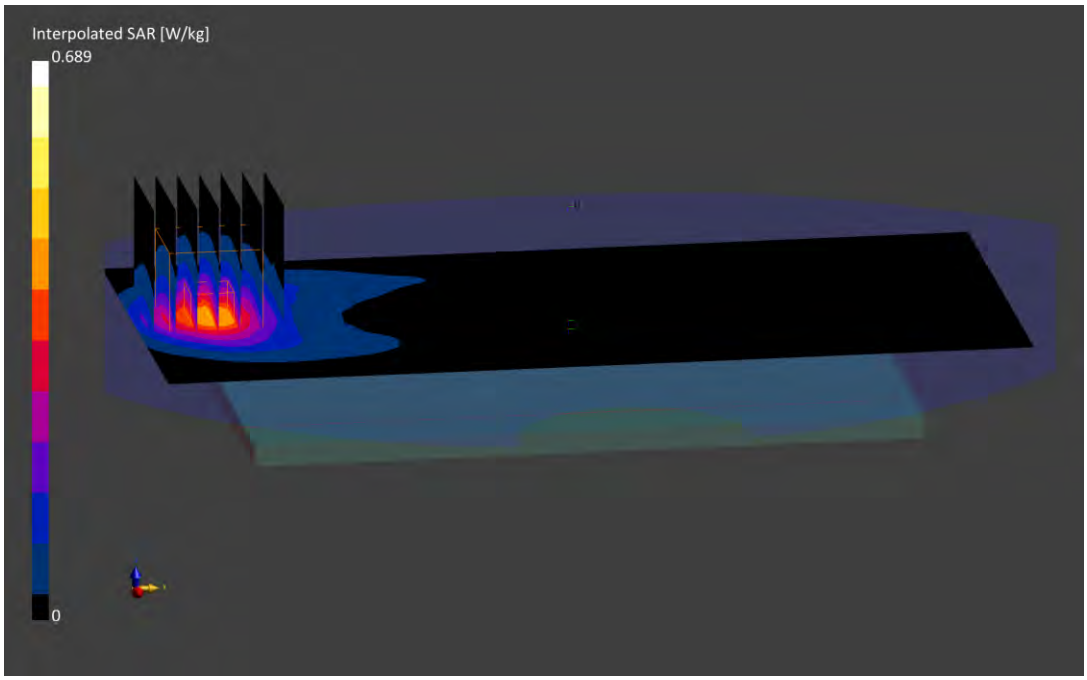
Communication System: UID:10154 - CAG, LTE-FDD; MAIA: Y; Frequency: 2310.0 MHz
Medium: 2450 Body; Medium parameters used:
f = 2310.0 MHz; cond = 1.83 S/m; perm = 51.3; density = 1000 kg/m3
Phantom Section: Flat; Space: 15.00 mm

Test Date: 05/06/2022; Ambient Temp: 21.0°C; Tissue Temp: 21.1°C

Probe: EX3DV4 - SN7409; ConvF:(7.46,7.46,7.46); Calibrated: 2021-06-21
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1334; Calibrated: 2021-06-15
Phantom: Twin-SAM V5.0; Serial: 1759
Measurement SW: DASY Module SAR V16.0.0.116

Mode: LTE Band 30, Antenna B, Body SAR, Back Side, Mid Ch.,
10 MHz Bandwidth, QPSK, 25 RB, 12 RB Offset

Area Scan (100.0 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 = 0.36 W/kg; Power Drift = -0.04 dB
Peak SAR (extrapolated) = 0.689 W/kg
SAR(1 g) = 0.380 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 = 83.4 %



ELEMENT

DUT: A3LSMF936U; Type: Portable Handset; Serial: 1713M

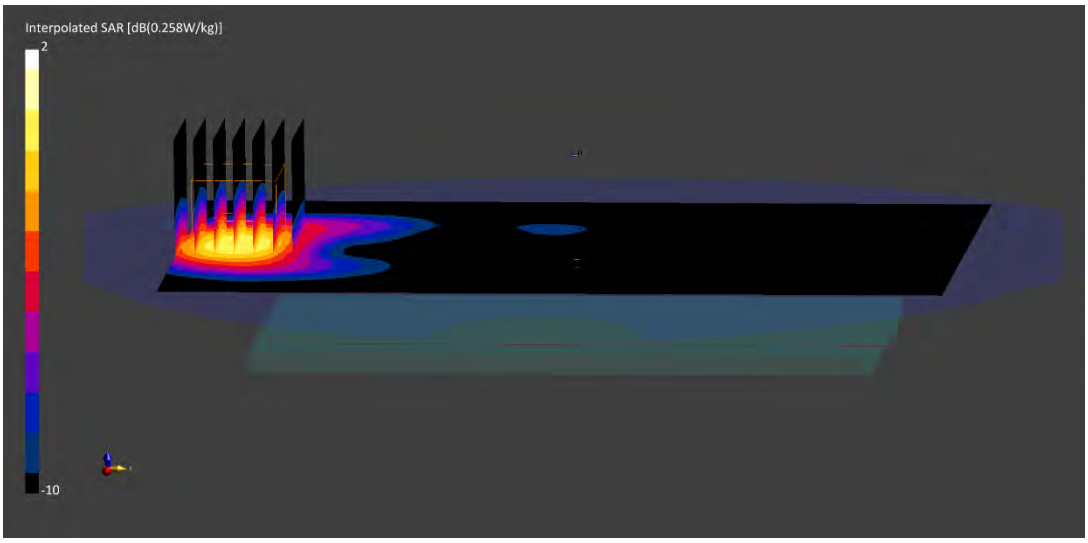
Communication System: UID:10169 - CAE, LTE-FDD; MAIA: Y; Frequency: 2535.0 MHz
Medium: 2450 Body; Medium parameters used:
f = 2535.0 MHz; cond = 2.13 S/m; perm = 50.7; density = 1000 kg/m3
Phantom Section: Flat; Space: 15.00 mm

Test Date: 05/01/2022; Ambient Temp: 21.5°C; Tissue Temp: 21.3°C

Probe: EX3DV4 - SN7409; ConvF:(7.24,7.24,7.24); Calibrated: 2021-06-21
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1334; Calibrated: 2021-06-15
Phantom: Twin-SAM V5.0; Serial: 1759
Measurement SW: DASY Module SAR V16.0.2.136

Mode: LTE Band 7, Antenna B, Body SAR, Back Side, Mid Ch,
20 MHz Bandwidth, QPSK, 1 RB, 50 RB Offset

Area Scan (120.0 x 200.0): Measurement grid: dx=10.0 mm, dy=10.0 mm
Zoom Scan (30.0 x 30.0 x 30.0): Measurement grid: dx=5.0 mm, dy=5.0 mm, dz=1.5 mm; Graded Ratio: 1.5
Reference Value = 0.20 W/kg; Power Drift = -0.03 dB
Peak SAR (extrapolated) = 0.429 W/kg
SAR(1 g) = 0.216 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 = 79.7 %



ELEMENT

DUT: A3LSMF936U; Type: Portable Handset; Serial: 1815M

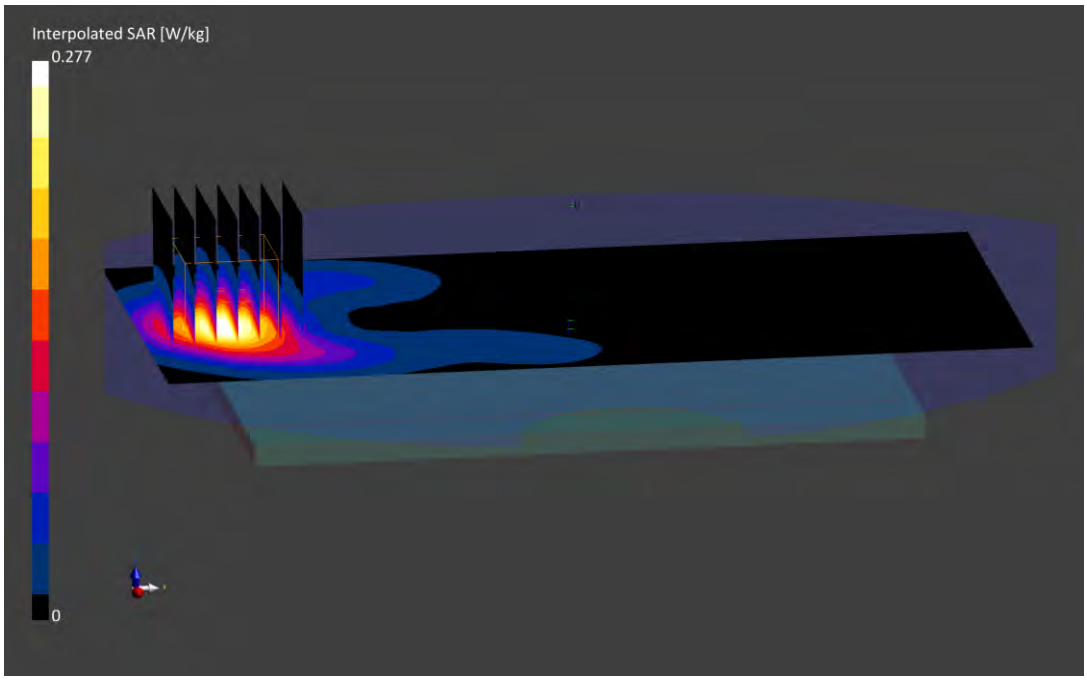
Communication System: UID:10151 - CAG, LTE-TDD; MAIA: Y; Frequency: 2680.0 MHz
Medium: 2450 Body; Medium parameters used:
f = 2680.0 MHz; cond = 2.30 S/m; perm = 49.9; density = 1000 kg/m3
Phantom Section: Flat; Space: 15.00 mm

Test Date: 05/15/2022; Ambient Temp: 20.9°C; Tissue Temp: 23.2°C

Probe: EX3DV4 - SN7552; ConvF:(7.28,7.28,7.28); Calibrated: 2021-09-20
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1680; Calibrated: 2021-08-04
Phantom: Twin-SAM V8.0; Serial: 2065
Measurement SW: DASY Module SAR V16.0.2.83

Mode: LTE Band 41, Antenna B, HPUE, Body SAR, Back Side, High Ch., 20 MHz Bandwidth, QPSK, 50 RB, 50 RB Offset

Area Scan (100.0 x 200.0): Measurement grid: dx=10.0 mm, dy=10.0 mm
Zoom Scan (30.0 x 30.0 x 30.0): Measurement grid: dx=5.0 mm, dy=5.0 mm, dz=1.5 mm; Graded Ratio: 1.5
Reference Value = 0.26 W/kg; Power Drift = 0.04 dB
Peak SAR (extrapolated) = 0.461 W/kg
SAR(1 g) = 0.224 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 = 78.4 %



ELEMENT

DUT: A3LSMF936U; Type: Portable Handset; Serial: 1803M

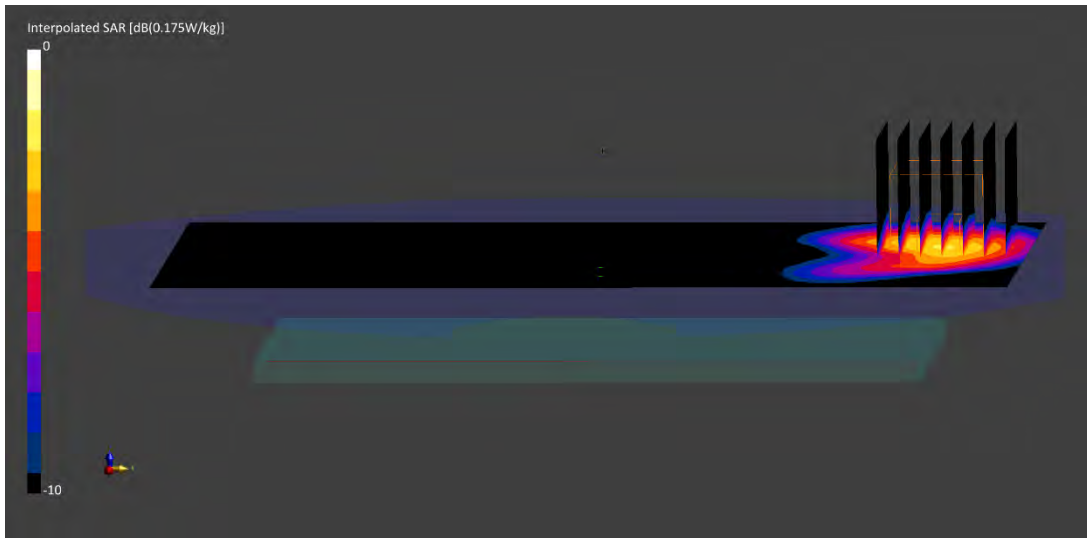
Communication System: UID:10494 - AAF, LTE-TDD; MAIA: Y; Frequency: 3646.7 MHz
Medium: 3600 Body; Medium parameters used:
f = 3646.7 MHz; cond = 3.33 S/m; perm = 49.3; density = 1000 kg/m3
Phantom Section: Flat; Space: 15.00 mm

Test Date: 05/30/2022; Ambient Temp: 21.6°C; Tissue Temp: 20.4°C

Probe: EX3DV4 - SN7538; ConvF:(6.36,6.36,6.36); Calibrated: 2021-11-16
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1323; Calibrated: 2021-11-10
Phantom: Twin-SAM V8.0; Serial: 2056
Measurement SW: DASY Module SAR V16.0.2.136

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

Area Scan (100.0 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 = 0.10 W/kg; Power Drift = 0.04 dB
Peak SAR (extrapolated) = 0.175 W/kg
SAR(1 g) = 0.076 W/kg
Smallest distance from peaks to all points 3 dB below is 15.2 mm
Ratio of SAR at M2 to SAR at M1 = 74.8 %



ELEMENT

DUT: A3LSMF936U; Type: Portable Handset; Serial: 2719M

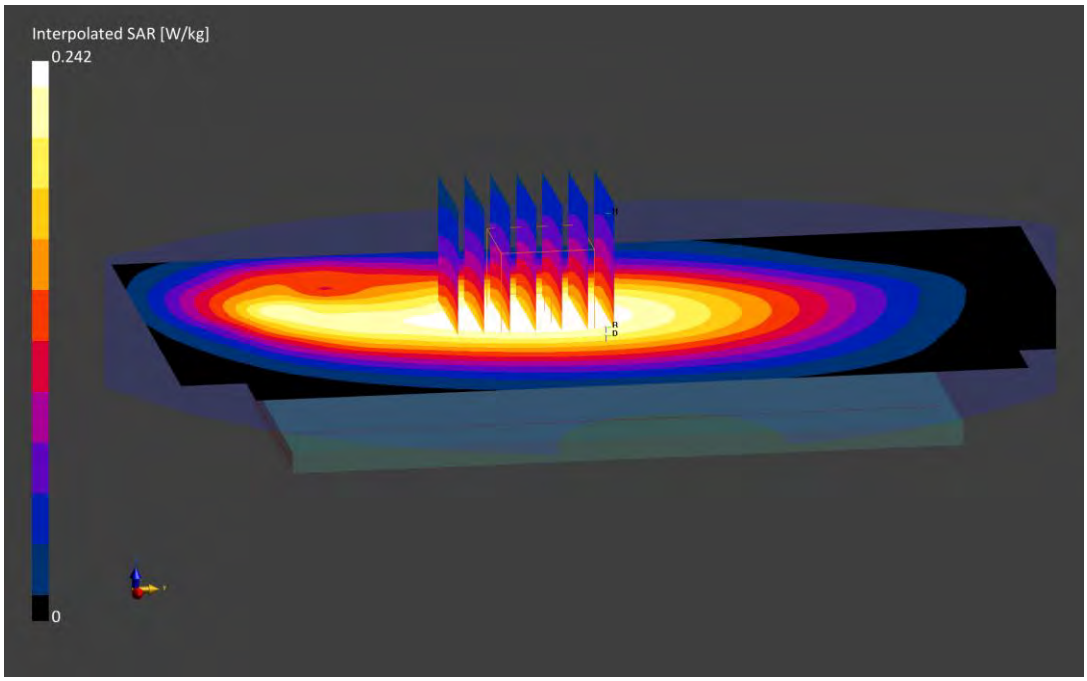
Communication System: UID:10931 - AAC, 5G NR FR1 FDD; MAIA: Y; Frequency: 680.5 MHz
Medium: 750 Body; Medium parameters used:
f = 680.5 MHz; cond = 0.931 S/m; perm = 54.0; density = 1000 kg/m3
Phantom Section: Flat; Space: 15.00 mm

Test Date: 06/07/2022; Ambient Temp: 21.9°C; Tissue Temp: 20.5°C

Probe: EX3DV4 - SN7660; ConvF:(10.89,10.89,10.89); Calibrated: 2022-05-18
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1678; Calibrated: 2022-05-10
Phantom: Twin-SAM V5.0; Serial: 1692rightback
Measurement SW: DASY Module SAR V16.0.2.136

Mode: NR Band n71, Antenna A+B, Body SAR, Back Side, Ch. 136100,
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 (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 = 0.03 dB
Peak SAR (extrapolated) = 0.242 W/kg
SAR(1 g) = 0.173 W/kg
Smallest distance from peaks to all points 3 dB below is > 15.0 mm
Ratio of SAR at M2 to SAR at M1 = 89.1 %



ELEMENT

DUT: A3LSMF936U; Type: Portable Handset; Serial: 2719M

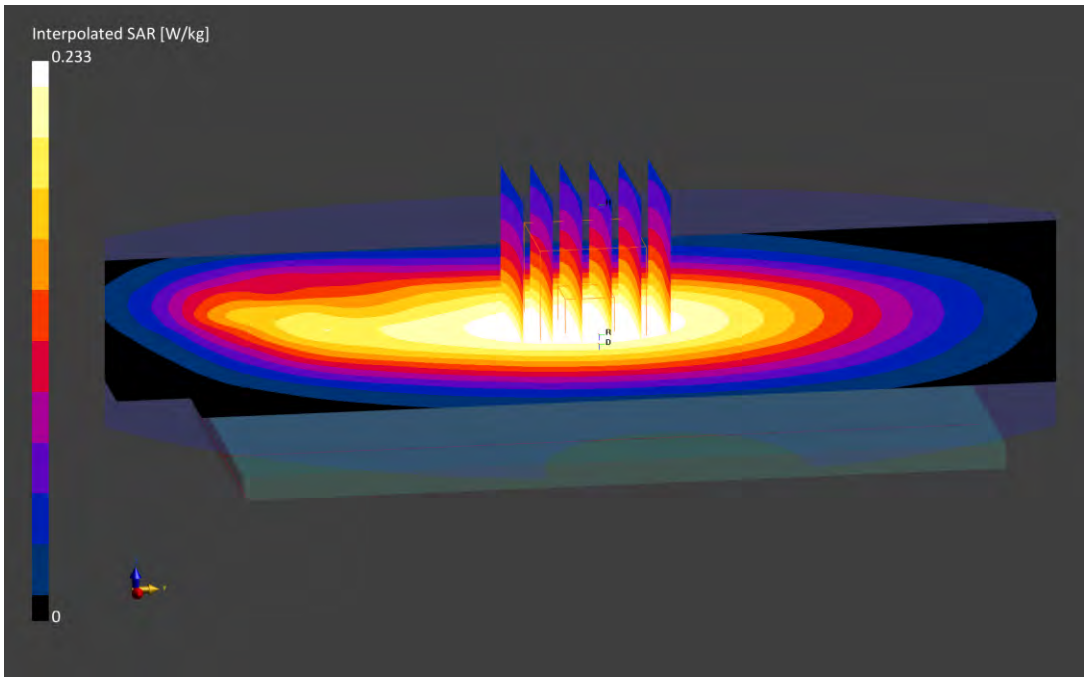
Communication System: UID:10930 - AAC, 5G NR FR1 FDD; MAIA: Y; Frequency: 707.5 MHz
Medium: 750 Body; Medium parameters used:
f = 707.5 MHz; cond = 0.957 S/m; perm = 53.4; density = 1000 kg/m3
Phantom Section: Flat; Space: 15.00 mm

Test Date: 06/04/2022; Ambient Temp: 20.5°C; Tissue Temp: 20.9°C

Probe: EX3DV4 - SN7661; ConvF:(10.26,10.26,10.26); Calibrated: 2021-06-28
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1450; Calibrated: 2021-08-16
Phantom: Twin-SAM V5.0; Serial: 1692rightback
Measurement SW: DASY Module SAR V16.0.2.136

Mode: NR Band n12, Antenna A+B, Body SAR, Back Side, Ch. 141500,
15 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 (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 = 0.16 dB
Peak SAR (extrapolated) = 0.314 W/kg
SAR(1 g) = 0.221 W/kg
Smallest distance from peaks to all points 3 dB below is > 15.0 mm
Ratio of SAR at M2 to SAR at M1 = 87.6 %



ELEMENT

DUT: A3LSMF936U; Type: Portable Handset; Serial: 3594M

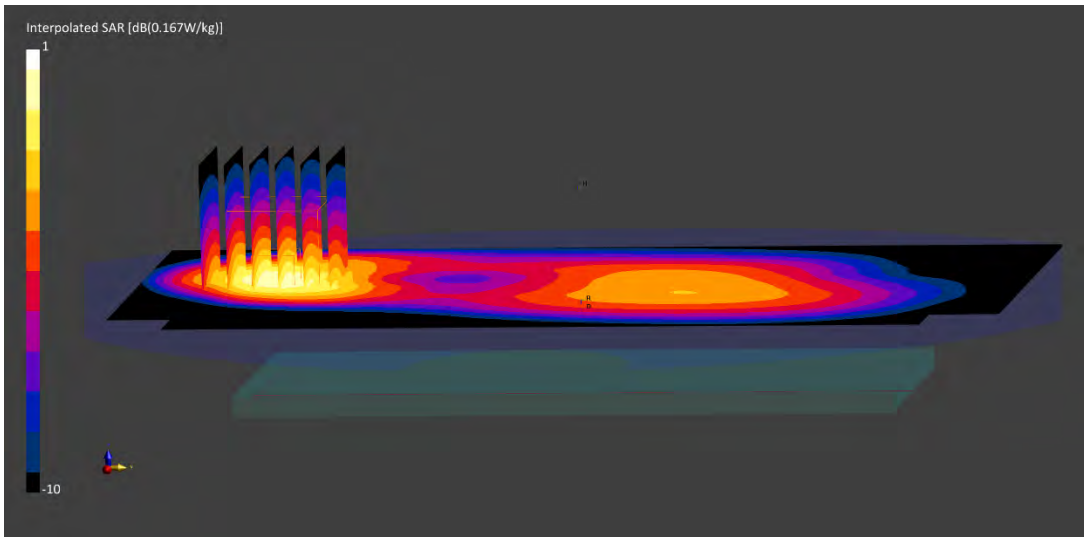
Communication System: UID:10931 - AAC, 5G NR FR1 FDD; MAIA: Y; Frequency: 836.5 MHz
Medium: 835 Body; Medium parameters used:
f = 836.5 MHz; cond = 0.950 S/m; perm = 54.8; density = 1000 kg/m3
Phantom Section: Flat; Space: 15.00 mm

Test Date: 06/06/2022; Ambient Temp: 22.1°C; Tissue Temp: 21.0°C

Probe: EX3DV4 - SN7571; ConvF:(9.87,9.87,9.87); Calibrated: 2021-12-10
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn859; Calibrated: 2021-12-08
Phantom: Twin-SAM V5.0; Serial: 1646
Measurement SW: DASY Module SAR V16.0.2.136

Mode: NR Band n5, Antenna A, 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 = 0.16 W/kg; Power Drift = -0.04 dB
Peak SAR (extrapolated) = 0.239 W/kg
SAR(1 g) = 0.145 W/kg
Smallest distance from peaks to all points 3 dB below is 15.6 mm
Ratio of SAR at M2 to SAR at M1 = 84.5 %



ELEMENT

DUT: A3LSMF936U; Type: Portable Handset; Serial: 1772M

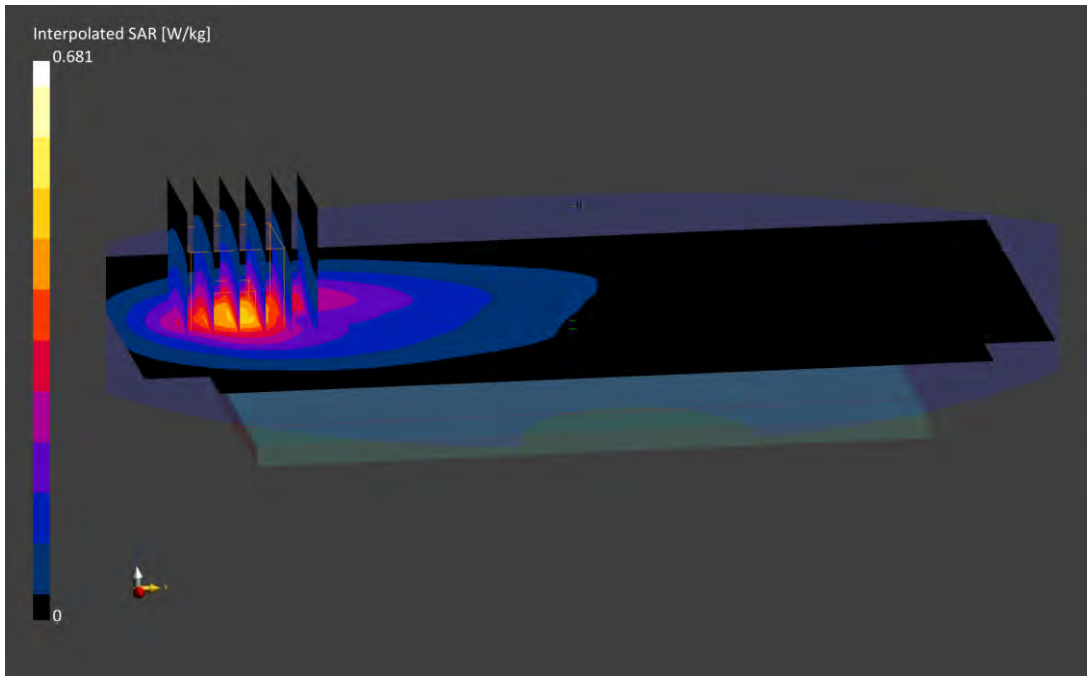
Communication System: UID:10942 - AAC, 5G NR FR1 FDD; MAIA: Y; Frequency: 1745.0 MHz
Medium: 1750 Body; Medium parameters used:
f = 1745.0 MHz; cond = 1.50 S/m; perm = 51.3; density = 1000 kg/m3
Phantom Section: Flat; Space: 15.00 mm

Test Date: 05/14/2022; Ambient Temp: 21.5°C; Tissue Temp: 20.2°C

Probe: EX3DV4 - SN7670; ConvF:(8.36,8.36,8.36); Calibrated: 2021-08-05
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1681; Calibrated: 2021-08-03
Phantom: Twin-SAM V8.0; Serial: 1966
Measurement SW: DASY Module SAR V16.0.2.136

Mode: NR Band n66, Antenna B, Body SAR, Back Side, Ch. 349000,
40 MHz Bandwidth, DFT-s-OFDM QPSK, 108 RB, 54 RB Offset

Area Scan (120.0 x 210.0): Measurement grid: dx=15.0 mm, dy=15.0 mm
Zoom Scan (30.0 x 30.0 x 30.0): Measurement grid: dx=6.0 mm, dy=6.0 mm, dz=1.5 mm; Graded Ratio: 1.5
Reference Value = 0.39 W/kg; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 0.681 W/kg
SAR(1 g) = 0.412 W/kg
Smallest distance from peaks to all points 3 dB below is 12.9 mm
Ratio of SAR at M2 to SAR at M1 = 86.0 %



ELEMENT

DUT: A3LSMF936U; Type: Portable Handset; Serial: 1793M

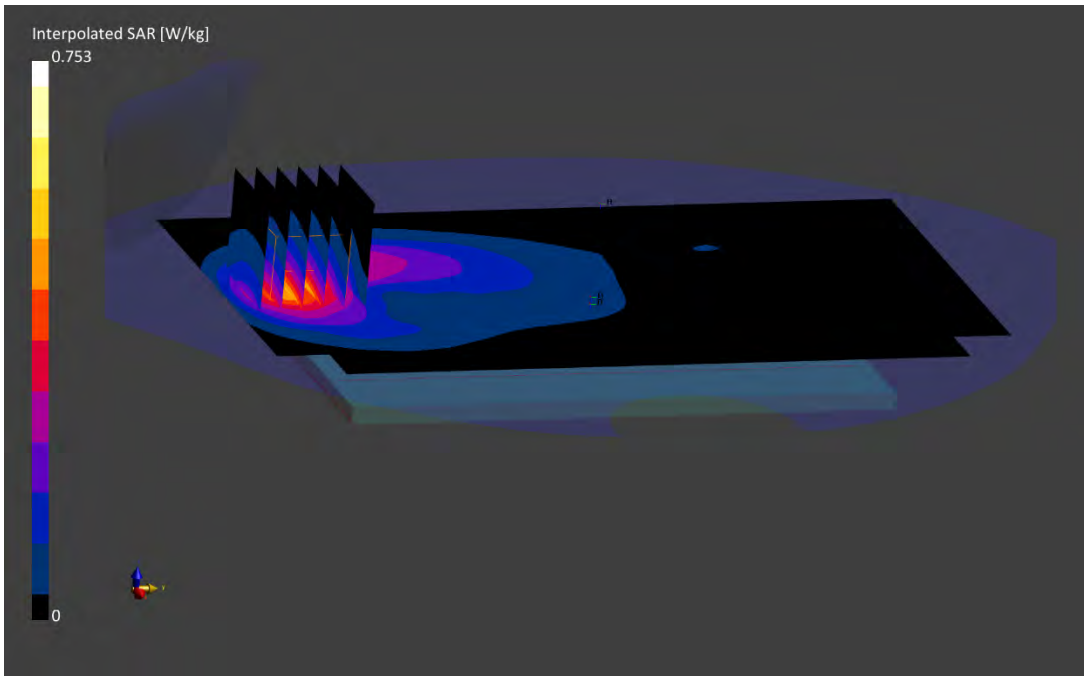
Communication System: UID:10942 - AAC, 5G NR FR1 FDD; MAIA: Y; Frequency: 1882.5 MHz
Medium: 1900 Body; Medium parameters used:
f = 1882.5 MHz; cond = 1.52 S/m; perm = 52.2; density = 1000 kg/m3
Phantom Section: Flat; Space: 15.00 mm

Test Date: 04/28/2022; Ambient Temp: 22.9°C; Tissue Temp: 22.1°C

Probe: EX3DV4 - SN7406; ConvF:(7.66,7.66,7.66); Calibrated: 2021-07-20
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1676; Calibrated: 2021-06-21
Phantom: Twin-SAM V8.0; Serial: 2058
Measurement SW: DASY Module SAR V16.0.2.83

Mode: NR Band n25, Antenna B, Body SAR, Back Side, Ch. 376500,
40 MHz Bandwidth, DFT-s-OFDM QPSK, 108 RB, 54 RB Offset

Area Scan (120.0 x 210.0): Measurement grid: dx=15.0 mm, dy=15.0 mm
Zoom Scan (30.0 x 30.0 x 30.0): Measurement grid: dx=6.0 mm, dy=6.0 mm, dz=1.5 mm; Graded Ratio: 1.5
Reference Value = 0.45 W/kg; Power Drift = 0.03 dB
Peak SAR (extrapolated) = 0.753 W/kg
SAR(1 g) = 0.448 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 = 84.9 %



ELEMENT

DUT: A3LSMF936U; Type: Portable Handset; Serial: 1794M

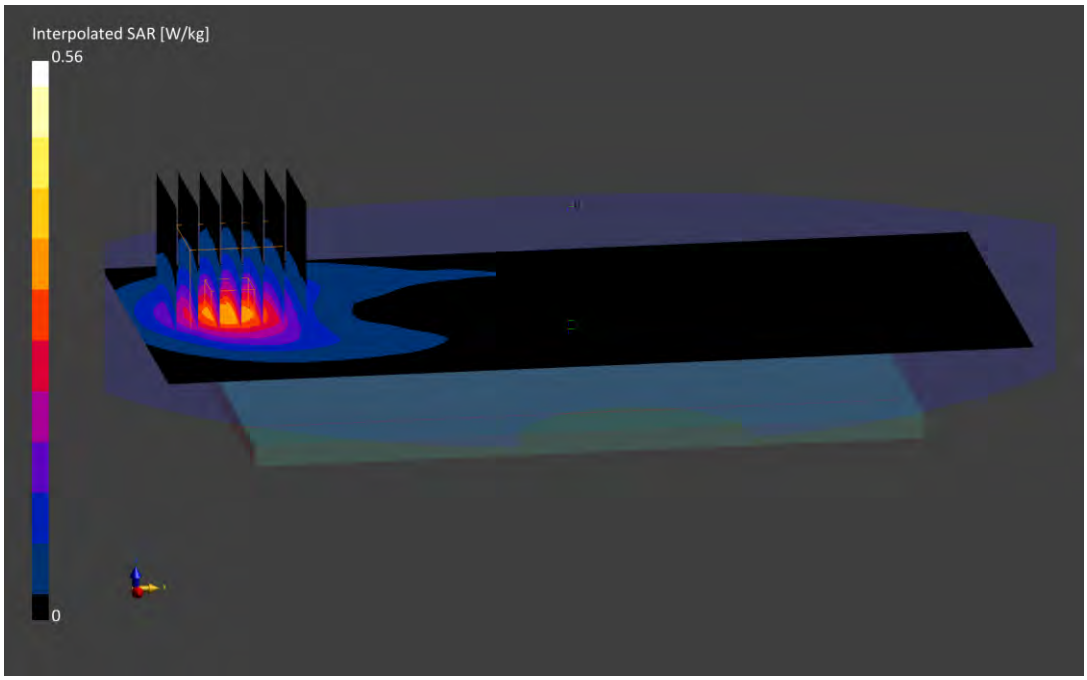
Communication System: UID:10937 - AAB, 5G NR FR1 FDD; MAIA: Y; Frequency: 2310.0 MHz
Medium: 2450 Body; Medium parameters used:
f = 2310.0 MHz; cond = 1.81 S/m; perm = 51.3; density = 1000 kg/m3
Phantom Section: Flat; Space: 15.00 mm

Test Date: 05/25/2022; Ambient Temp: 21.5°C; Tissue Temp: 21.3°C

Probe: EX3DV4 - SN7409; ConvF:(7.46,7.46,7.46); Calibrated: 2021-06-21
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1334; Calibrated: 2021-06-15
Phantom: Twin-SAM V5.0; Serial: 1759
Measurement SW: DASY Module SAR V16.0.0.116

Mode: NR Band n30, Antenna B, Body SAR, Back Side, Ch. 462000,
10 MHz Bandwidth, DFT-s-OFDM QPSK, 25 RB, 14 RB Offset

Area Scan (100.0 x 200.0): Measurement grid: dx=10.0 mm, dy=10.0 mm
Zoom Scan (30.0 x 30.0 x 30.0): Measurement grid: dx=5.0 mm, dy=5.0 mm, dz=1.5 mm; Graded Ratio: 1.5
Reference Value = 0.30 W/kg; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 0.561 W/kg
SAR(1 g) = 0.310 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 = 83.3 %



ELEMENT

DUT: A3LSMF936U; Type: Portable Handset; Serial: 1779M

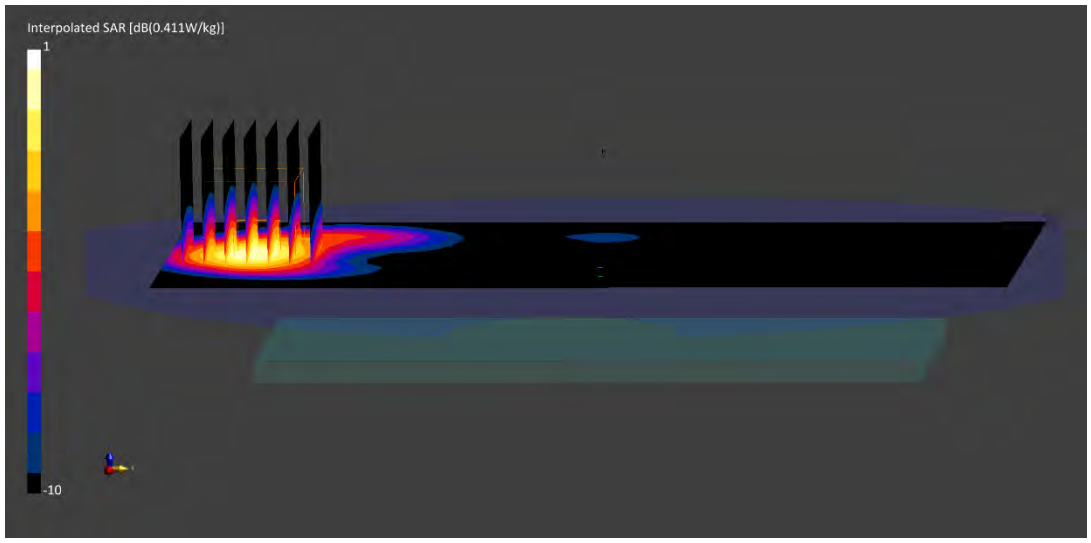
Communication System: UID:10773 - AAD, CW; MAIA: Y; Frequency: 2535.0 MHz
Medium: 2450 Body; Medium parameters used:
f = 2535.0 MHz; cond = 2.08 S/m; perm = 51.1; density = 1000 kg/m3
Phantom Section: Flat; Space: 15.00 mm

Test Date: 05/25/2022; Ambient Temp: 20.5°C; Tissue Temp: 23.2°C

Probe: EX3DV4 - SN7552; ConvF:(7.28,7.28,7.28); Calibrated: 2021-09-20
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1680; Calibrated: 2021-08-04
Phantom: Twin-SAM V8.0; Serial: 2065
Measurement SW: DASY Module SAR V16.0.2.136

Mode: NR Band n7, Antenna B, Body SAR, Back Side, Ch. 507000,
40 MHz Bandwidth, CP-OFDM QPSK, 1 RB, 1 RB Offset

Area Scan (100.0 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 = 0.41 W/kg; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 0.695 W/kg
SAR(1 g) = 0.345 W/kg
Smallest distance from peaks to all points 3 dB below is 12.4 mm
Ratio of SAR at M2 to SAR at M1 = 79.0 %



ELEMENT

DUT: A3LSMF936U; Type: Portable Handset; Serial: 1779M

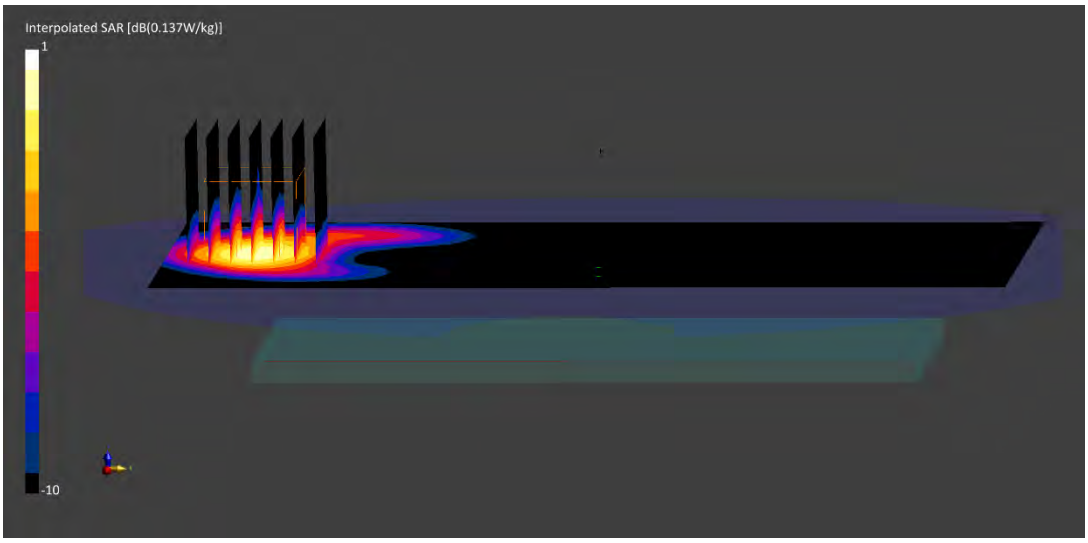
Communication System: UID:0 - -, CW; MAIA: Y; Frequency: 2593.0 MHz
Medium: 2450 Body; Medium parameters used:
f = 2593.0 MHz; cond = 2.21 S/m; perm = 50.8; density = 1000 kg/m3
Phantom Section: Flat; Space: 15.00 mm

Test Date: 05/22/2022; Ambient Temp: 20.3°C; Tissue Temp: 20.8°C

Probe: EX3DV4 - SN7552; ConvF:(7.28,7.28,7.28); Calibrated: 2021-09-20
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1680; Calibrated: 2021-08-04
Phantom: Twin-SAM V8.0; Serial: 2065
Measurement SW: DASY Module SAR V16.0.2.136

Mode: NR Band n41, Antenna B, Body SAR, Back Side, Ch.518598,
100 MHz Bandwidth, CW/SRS

Area Scan (100.0 x 200.0): Measurement grid: dx=10.0 mm, dy=10.0 mm
Zoom Scan (30.0 x 30.0 x 30.0): Measurement grid: dx=5.0 mm, dy=5.0 mm, dz=1.5 mm; Graded Ratio: 1.5
Reference Value = 0.13 W/kg; Power Drift = 0.00 dB
Peak SAR (extrapolated) = 0.220 W/kg
SAR(1 g) = 0.106 W/kg
Smallest distance from peaks to all points 3 dB below is 11.0 mm
Ratio of SAR at M2 to SAR at M1 = 78.3 %



ELEMENT

DUT: A3LSMF936U; Type: Portable Handset; Serial: 1790M

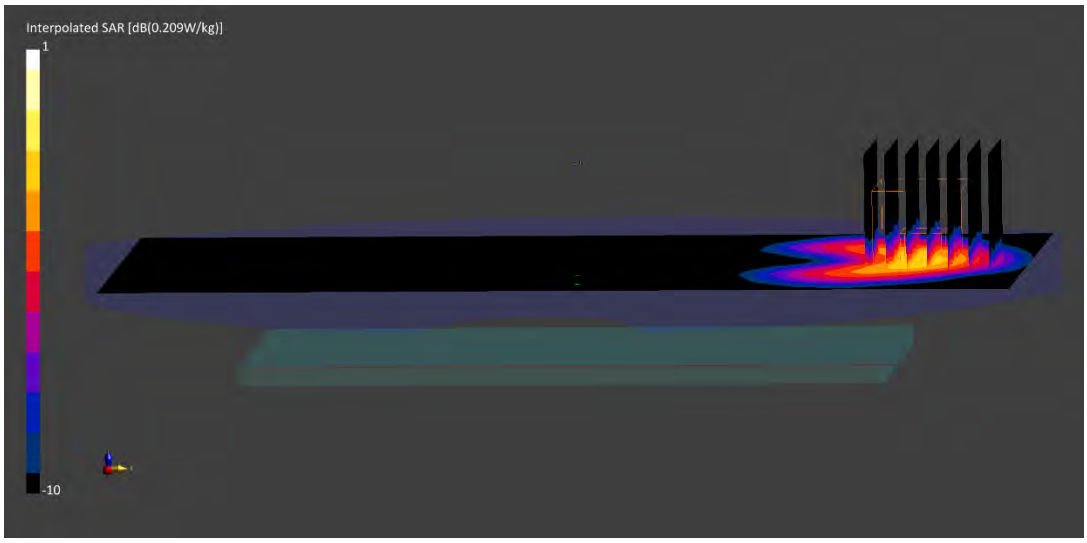
Communication System: UID:10797 - AAD, 5G NR FR1 TDD; MAIA: Y; Frequency: 3625.0 MHz
Medium: 3600 Body; Medium parameters used:
f = 3625.0 MHz; cond = 3.38 S/m; perm = 50.4; density = 1000 kg/m3
Phantom Section: Flat; Space: 15.00 mm

Test Date: 06/19/2022; Ambient Temp: 21.6°C; Tissue Temp: 20.8°C

Probe: EX3DV4 - SN7670; ConvF:(6.5,6.5,6.5); Calibrated: 2021-08-05
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1681; Calibrated: 2021-08-03
Phantom: Twin-SAM V8.0; Serial: 1966
Measurement SW: DASY Module SAR V16.0.2.136

Mode: NR Band n48, Antenna F, Body SAR, Back Side, Ch.641666,
40 MHz Bandwidth, CP-OFDM QPSK, 1 RB, 1 RB Offset

Area Scan (100.0 x 220.0): 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 = -0.02 dB
Peak SAR (extrapolated) = 0.209 W/kg
SAR(1 g) = 0.095 W/kg
Smallest distance from peaks to all points 3 dB below is 14.1 mm
Ratio of SAR at M2 to SAR at M1 = 76.2 %



ELEMENT

DUT: A3LSMF936U; Type: Portable Handset; Serial: 1829M

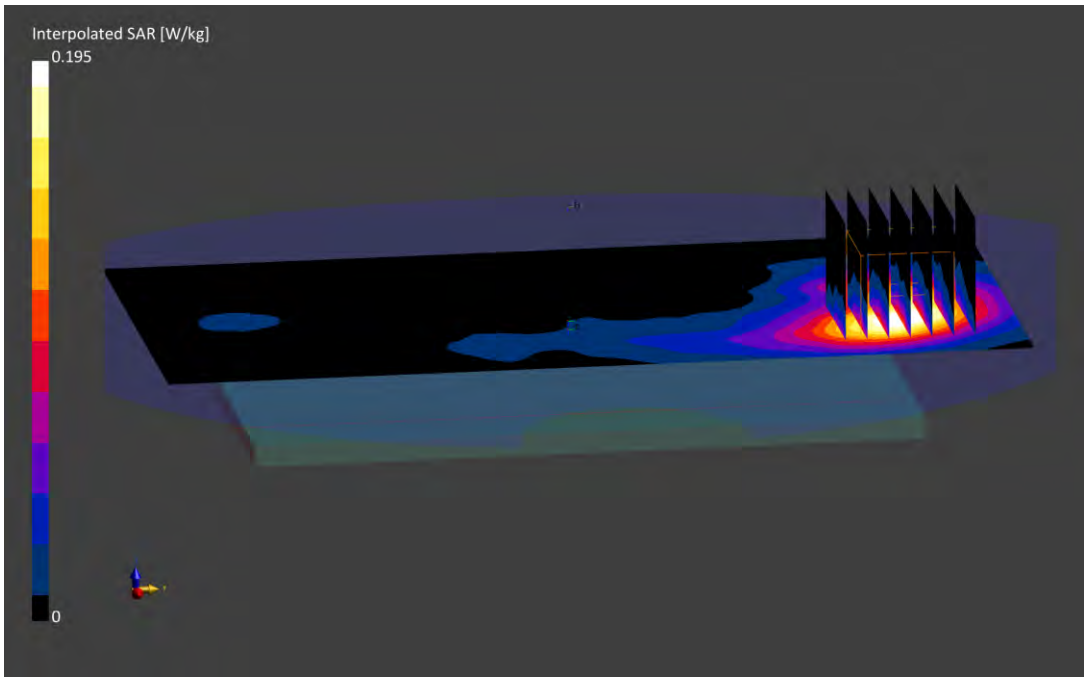
Communication System: UID:10803 - AAD, 5G NR FR1 TDD; MAIA: Y; Frequency: 3500.0 MHz
Medium: 3600 Body; Medium parameters used:
f = 3500.0 MHz; cond = 3.18 S/m; perm = 49.4; density = 1000 kg/m3
Phantom Section: Flat; Space: 15.00 mm

Test Date: 05/26/2022; Ambient Temp: 21.5°C; Tissue Temp: 21.0°C

Probe: EX3DV4 - SN7661; ConvF:(6.7,6.7,6.7); Calibrated: 2021-06-28
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1450; Calibrated: 2021-08-16
Phantom: Twin-SAM V5.0; Serial: 1692rightback
Measurement SW: DASY Module SAR V16.0.2.136

Mode: NR Band n77 DoD, Antenna F, Body SAR, Back side, Ch. 633334,
100 MHz Bandwidth, CP-OFDM QPSK, 1 RB, 1 RB Offset

Area Scan (100.0 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 = 0.06 W/kg; Power Drift = 0.12 dB
Peak SAR (extrapolated) = 0.195 W/kg
SAR(1 g) = 0.090 W/kg
Smallest distance from peaks to all points 3 dB below is 11.2 mm
Ratio of SAR at M2 to SAR at M1 = 76.8 %



ELEMENT

DUT: A3LSMF936U; Type: Portable Handset; Serial: 1829M

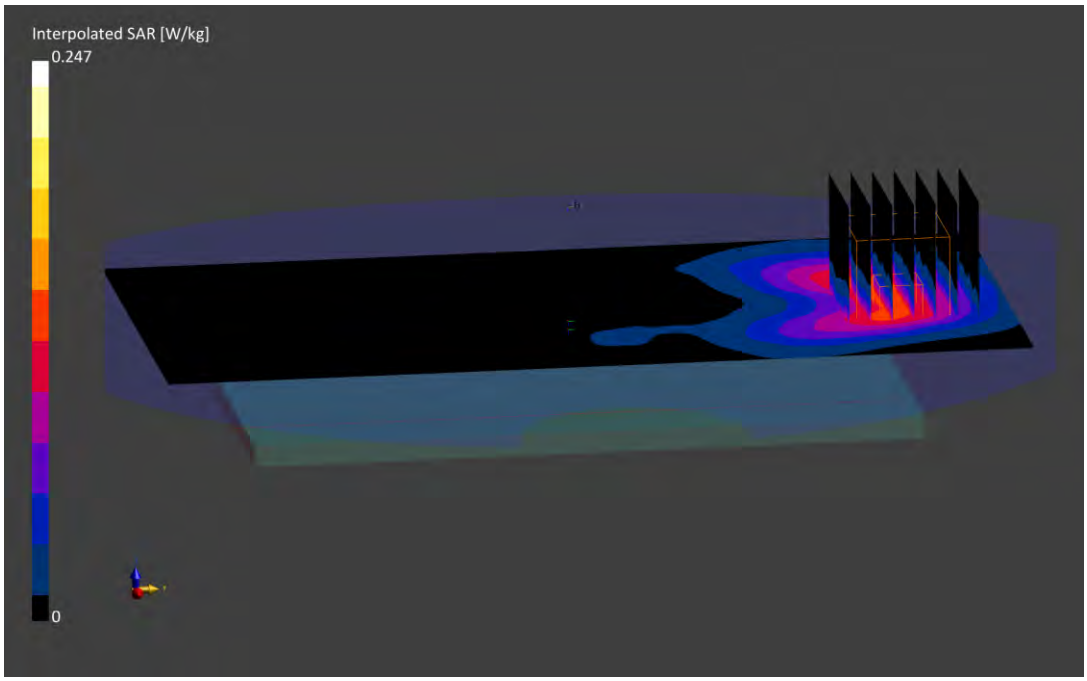
Communication System: UID:10917 - AAB, 5G NR FR1 TDD; MAIA: Y; Frequency: 3750.0 MHz
Medium: 3600 Body; Medium parameters used:
f = 3750.0 MHz; cond = 3.46 S/m; perm = 49.8; density = 1000 kg/m3
Phantom Section: Flat; Space: 15.00 mm

Test Date: 05/19/2022; Ambient Temp: 21.0°C; Tissue Temp: 20.5°C

Probe: EX3DV4 - SN7661; ConvF:(6.66,6.66,6.66); Calibrated: 2021-06-28
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1450; Calibrated: 2021-08-16
Phantom: Twin-SAM V5.0; Serial: 1692rightback
Measurement SW: DASY Module SAR V16.0.2.136

Mode: NR Band n77 C-Band, Antenna F, Body SAR, Back Side, Ch. 650000,
100 MHz Bandwidth, DFT-s-OFDM QPSK, 135 RB, 0 RB Offset

Area Scan (100.0 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 = 0.06 W/kg; Power Drift = 0.06 dB
Peak SAR (extrapolated) = 0.247 W/kg
SAR(1 g) = 0.105 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 = 77.6 %



ELEMENT

DUT: A3LSMF936U; Type: Portable Handset; Serial: 0417M

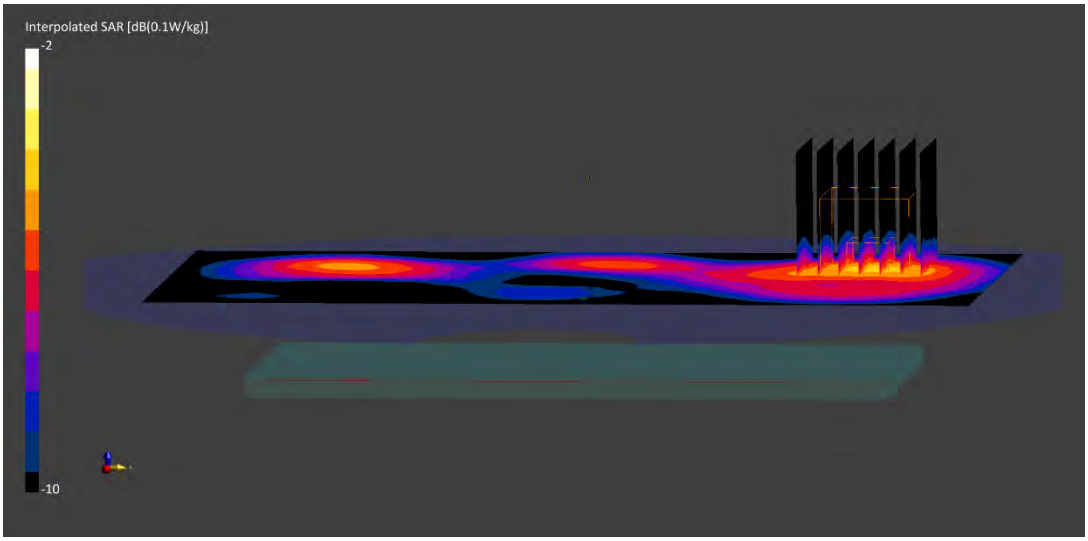
Communication System: UID:10415 - AAA, WLAN; MAIA: Y; Frequency: 2412.0 MHz
Medium: 2450 Body; Medium parameters used:
f = 2412.0 MHz; cond = 1.98 S/m; perm = 51.6; density = 1000 kg/m3
Phantom Section: Flat; Space: 15.00 mm

Test Date: 05/24/2022; Ambient Temp: 20.0°C; Tissue Temp: 21.5°C

Probe: EX3DV4 - SN7570; ConvF:(7.66,7.66,7.66); Calibrated: 2022-01-19
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1558; Calibrated: 2022-01-14
Phantom: Twin-SAM V8.0; Serial: 20063
Measurement SW: DASY Module SAR V16.0.2.136

Mode: IEEE 802.11b, 22 MHz Bandwidth, MIMO, Body SAR, Back Side, Ch. 1, 1 Mbps

Area Scan (100.0 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 = 0.13 dB
Peak SAR (extrapolated) = 0.055 W/kg
SAR(1 g) = 0.028 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 = 78.1 %



ELEMENT

DUT: A3LSMF936U; Type: Portable Handset; Serial: 0374M

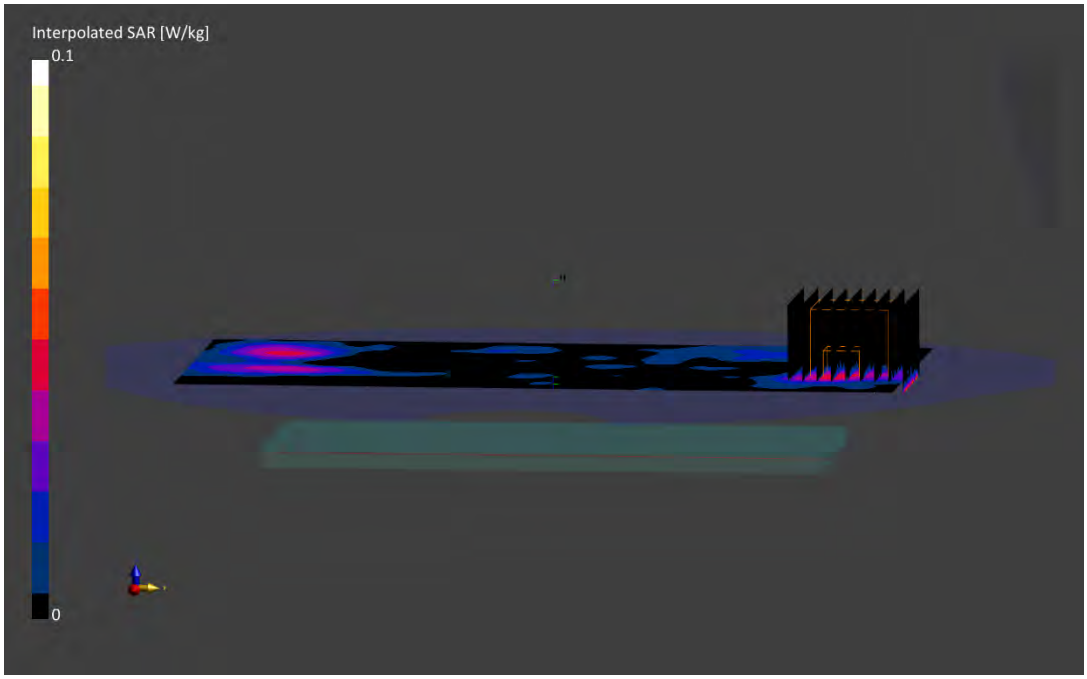
Communication System: UID:10196 - CAD, WLAN; MAIA: Y; Frequency: 5845.0 MHz
Medium: 5200-5800 Body; Medium parameters used:
f = 5845.0 MHz; cond = 6.22 S/m; perm = 46.2; density = 1000 kg/m3
Phantom Section: Flat; Space: 15.00 mm

Test Date: 05/02/2022; Ambient Temp: 22.6°C; Tissue Temp: 21.2°C

Probe: EX3DV4 - SN7527; ConvF:(4.11,4.11,4.11); Calibrated: 2022-03-21
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1272; Calibrated: 2022-03-16
Phantom: Twin-SAM V5.0; Serial: 1757
Measurement SW: DASY Module SAR V16.0.0.116

Mode: IEEE 801.11n, 20 MHz Bandwidth, UNII-4, MIMO, Ch. 169, Body SAR, Back Side, 13 Mbps

Area Scan (100.0 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 = -0.01 W/kg; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 0.126 W/kg
SAR(1 g) = 0.019 W/kg
Smallest distance from peaks to all points 3 dB below is > 11.0 mm
Ratio of SAR at M2 to SAR at M1 = 55.6 %



ELEMENT

DUT: A3LSMF936U; Type: Portable Handset; Serial: 0417M

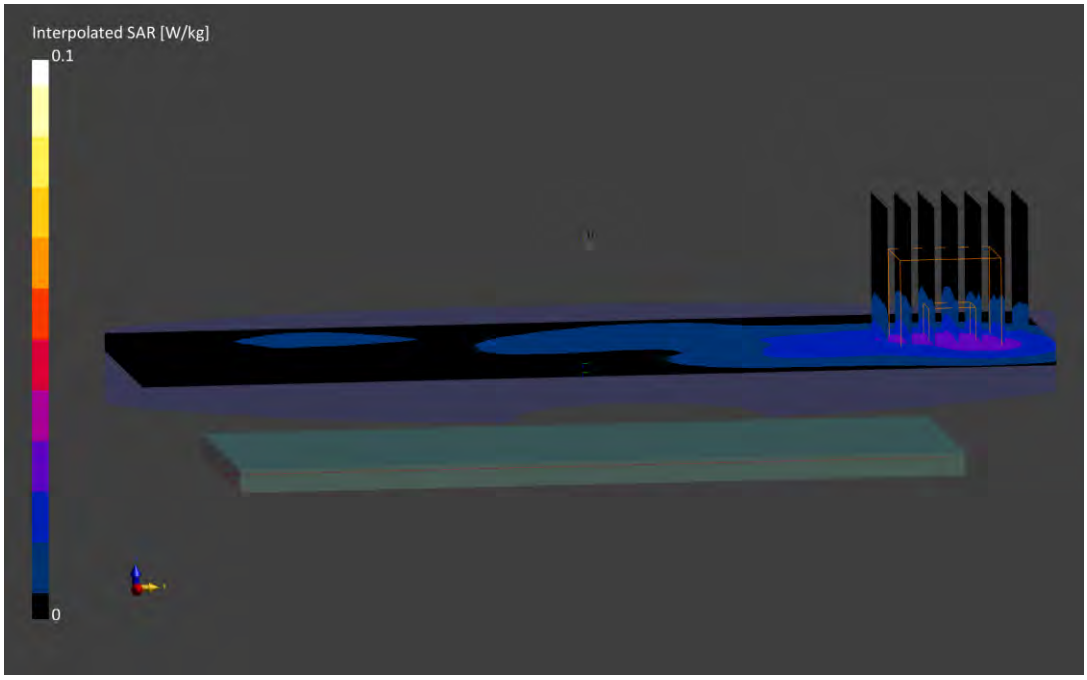
Communication System: UID:10032 - CAA, Bluetooth; MAIA: Y; Frequency: 2441.0 MHz
Medium: 2450 Body; Medium parameters used:
f = 2441.0 MHz; cond = 1.99 S/m; perm = 52.1; density = 1000 kg/m3
Phantom Section: Flat; Space: 15.00 mm

Test Date: 05/21/2022; Ambient Temp: 20.10C; Tissue Temp: 20.2°C

Probe: EX3DV4 - SN7570; ConvF:(7.66,7.66,7.66); Calibrated: 2022-01-19
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1558; Calibrated: 2022-01-14
Phantom: Twin-SAM V8.0; Serial: 20063
Measurement SW: DASY Module SAR V16.0.2.136

Mode: Bluetooth, Antenna 1, Body SAR, Ch. 39, 1Mbps, Back Side

Area Scan (100.0 x 200.0): Measurement grid: dx=10.0 mm, dy=10.0 mm
Zoom Scan (30.0 x 30.0 x 30.0): Measurement grid: dx=5.0 mm, dy=5.0 mm, dz=1.5 mm; Graded Ratio: 1.5
Reference Value = 0.02 W/kg; Power Drift = 0.13 dB
Peak SAR (extrapolated) = 0.047 W/kg
SAR(1 g) = 0.024 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 = 79.8 %



ELEMENT

DUT: A3LSMF936U; Type: Portable Handset; Serial: 1798M

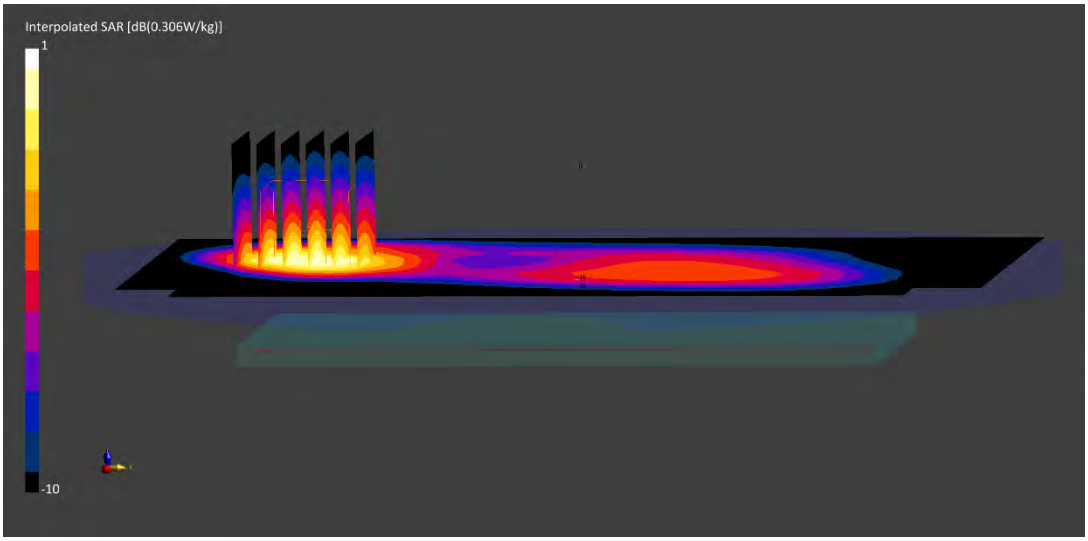
Communication System: UID:10027 - DAC, GSM; MAIA: Y; Frequency: 836.6 MHz
Medium: 835 Body; Medium parameters used:
f = 836.6 MHz; cond = 1.01 S/m; perm = 53.5; density = 1000 kg/m3
Phantom Section: Flat; Space: 10.00 mm

Test Date: 05/22/2022; Ambient Temp: 21.0°C; Tissue Temp: 21.2°C

Probe: EX3DV4 - SN7565; ConvF:(9.55,9.55,9.55); Calibrated: 2021-11-15
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1466; Calibrated: 2021-11-11
Phantom: Twin-SAM V8.0; Serial: 1934
Measurement SW: DASY Module SAR V16.0.2.136

Mode: GPRS 850, Antenna A+B, Body SAR, Back Side, Mid 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 = 0.28 W/kg; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 0.497 W/kg
SAR(1 g) = 0.281 W/kg
Smallest distance from peaks to all points 3 dB below is 12.4 mm
Ratio of SAR at M2 to SAR at M1 = 83.8 %



ELEMENT

DUT: A3LSMF936U; Type: Portable Handset; Serial: 1328M

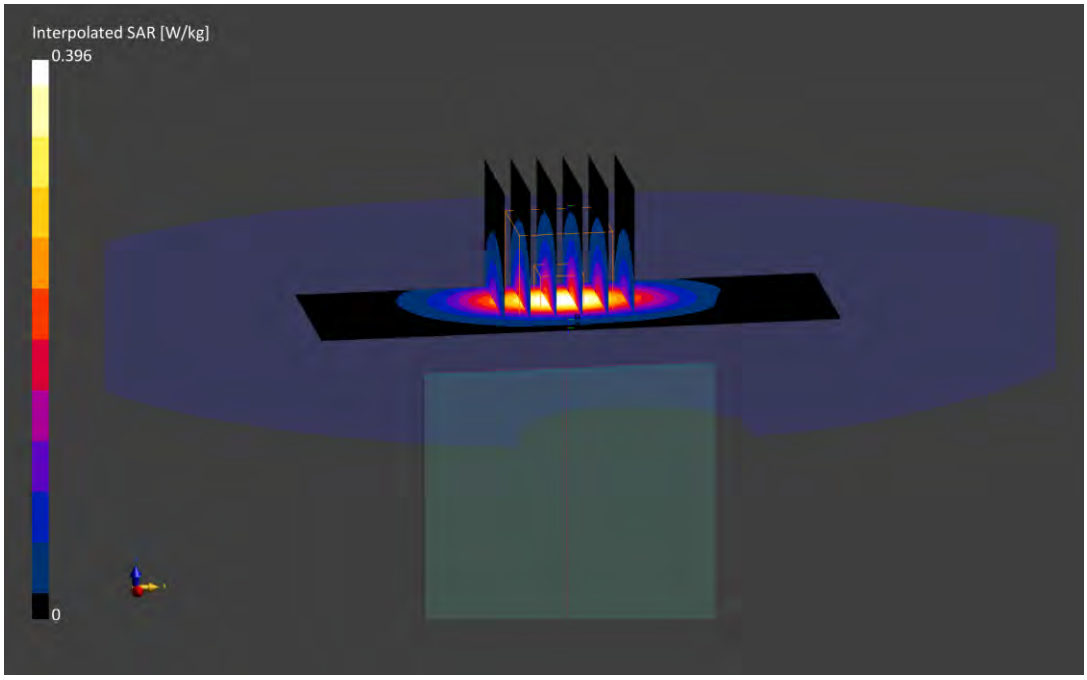
Communication System: UID:10028 - DAC, GSM; MAIA: Y; Frequency: 1850.2 MHz
Medium: 1900 Body; Medium parameters used:
f = 1850.2 MHz; cond = 1.49 S/m; perm = 51.4; density = 1000 kg/m3
Phantom Section: Flat; Space: 10.00 mm

Test Date: 04/26/2022; Ambient Temp: 24.0°C; Tissue Temp: 21.3°C

Probe: EX3DV4 - SN7406; ConvF:(7.66,7.66,7.66); Calibrated: 2021-07-20
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1676; Calibrated: 2021-06-21
Phantom: Twin-SAM V8.0; Serial: 2058
Measurement SW: DASY Module SAR V16.0.2.83

Mode: GPRS 1900, Body SAR, Bottom Edge, Low 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 = 0.23 W/kg; Power Drift = 0.04 dB
Peak SAR (extrapolated) = 0.396 W/kg
SAR(1 g) = 0.225 W/kg
Smallest distance from peaks to all points 3 dB below is 9.6 mm
Ratio of SAR at M2 to SAR at M1 = 84.2 %



ELEMENT

DUT: A3LSMF936U; Type: Portable Handset; Serial: 1798M

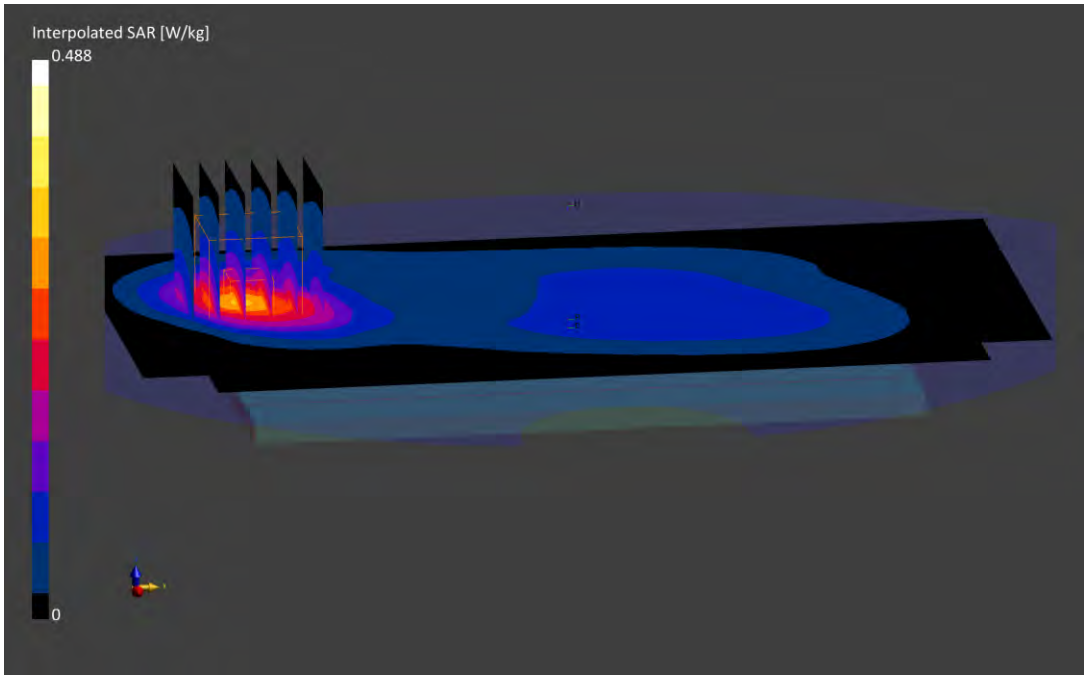
Communication System: UID:10011 - CAB, WCDMA; MAIA: Y; Frequency: 826.4 MHz
Medium: 835 Body; Medium parameters used:
f = 826.4 MHz; cond = 0.999 S/m; perm = 53.8; density = 1000 kg/m3
Phantom Section: Flat; Space: 10.00 mm

Test Date: 05/19/2022; Ambient Temp: 21.1°C; Tissue Temp: 20.9°C

Probe: EX3DV4 - SN7565; ConvF:(9.55,9.55,9.55); Calibrated: 2021-11-15
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1466; Calibrated: 2021-11-11
Phantom: Twin-SAM V8.0; Serial: 1934
Measurement SW: DASY Module SAR V16.0.2.136

Mode: UMTS 850, Antenna A, 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 = 0.29 W/kg; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 0.488 W/kg
SAR(1 g) = 0.283 W/kg
Smallest distance from peaks to all points 3 dB below is 11.9 mm
Ratio of SAR at M2 to SAR at M1 = 83.7 %



ELEMENT

DUT: A3LSMF936U; Type: Portable Handset; Serial: 1331M

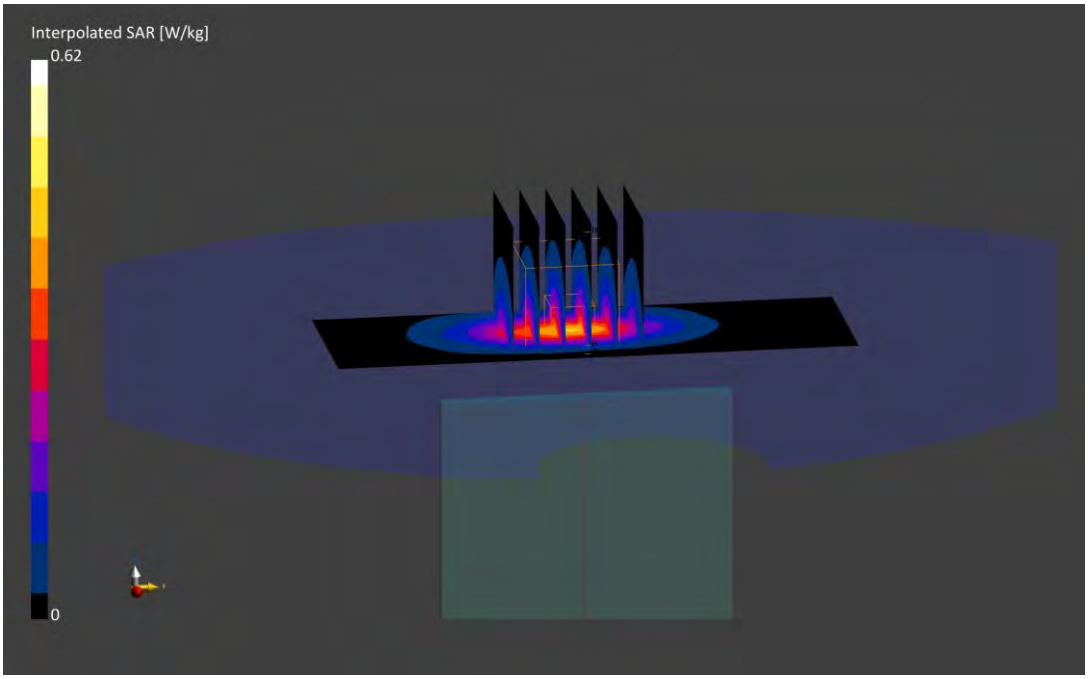
Communication System: UID:10011 - CAB, WCDMA; MAIA: Y; Frequency: 1752.6 MHz
Medium: 1750 Body; Medium parameters used:
f = 1752.6 MHz; cond = 1.47 S/m; perm = 52.9; density = 1000 kg/m3
Phantom Section: Flat; Space: 10.00 mm

Test Date: 05/05/2022; Ambient Temp: 21.5°C; Tissue Temp: 21.0°C

Probe: EX3DV4 - SN7670; ConvF:(8.36,8.36,8.36); Calibrated: 2021-08-05
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1681; Calibrated: 2021-08-03
Phantom: Twin-SAM V8.0; Serial: 1966
Measurement SW: DASY Module SAR V16.0.2.136

Mode: UMTS 1750, Body SAR. Bottom Edge, High 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 = 0.38 W/kg; Power Drift = -0.02 dB
Peak SAR (extrapolated) = 0.620 W/kg
SAR(1 g) = 0.335 W/kg
Smallest distance from peaks to all points 3 dB below is 8.7 mm
Ratio of SAR at M2 to SAR at M1 = 82.3 %



ELEMENT

DUT: A3LSMF936U; Type: Portable Handset; Serial: 1328M

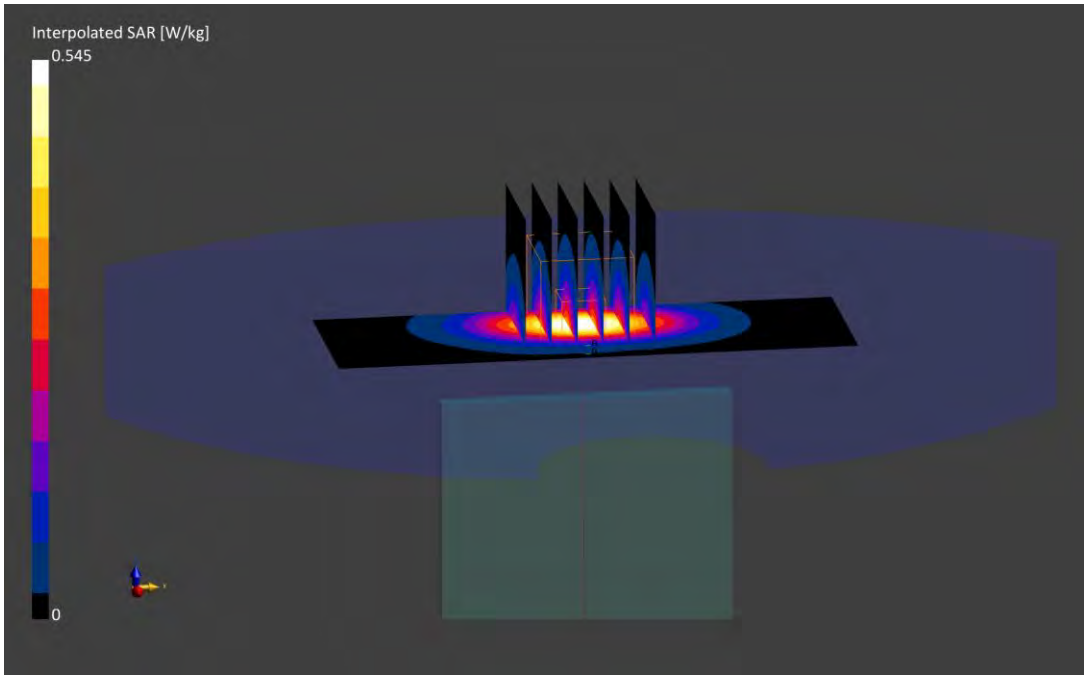
Communication System: UID:10011 - CAB, WCDMA; MAIA: Y; Frequency: 1852.4 MHz
Medium: 1900 Body; Medium parameters used:
f = 1852.4 MHz; cond = 1.50 S/m; perm = 51.4; density = 1000 kg/m3
Phantom Section: Flat; Space: 10.00 mm

Test Date: 04/26/2022; Ambient Temp: 24.0°C; Tissue Temp: 21.3°C

Probe: EX3DV4 - SN7406; ConvF:(7.66,7.66,7.66); Calibrated: 2021-07-20
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1676; Calibrated: 2021-06-21
Phantom: Twin-SAM V8.0; Serial: 2058
Measurement SW: DASY Module SAR V16.0.2.83

Mode: UMTS 1900, Body SAR, Bottom Edge, Low 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 = 0.31 W/kg; Power Drift = 0.00 dB
Peak SAR (extrapolated) = 0.545 W/kg
SAR(1 g) = 0.305 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 = 83.1 %



ELEMENT

DUT: A3LSMF936U; Type: Portable Handset; Serial: 1798M

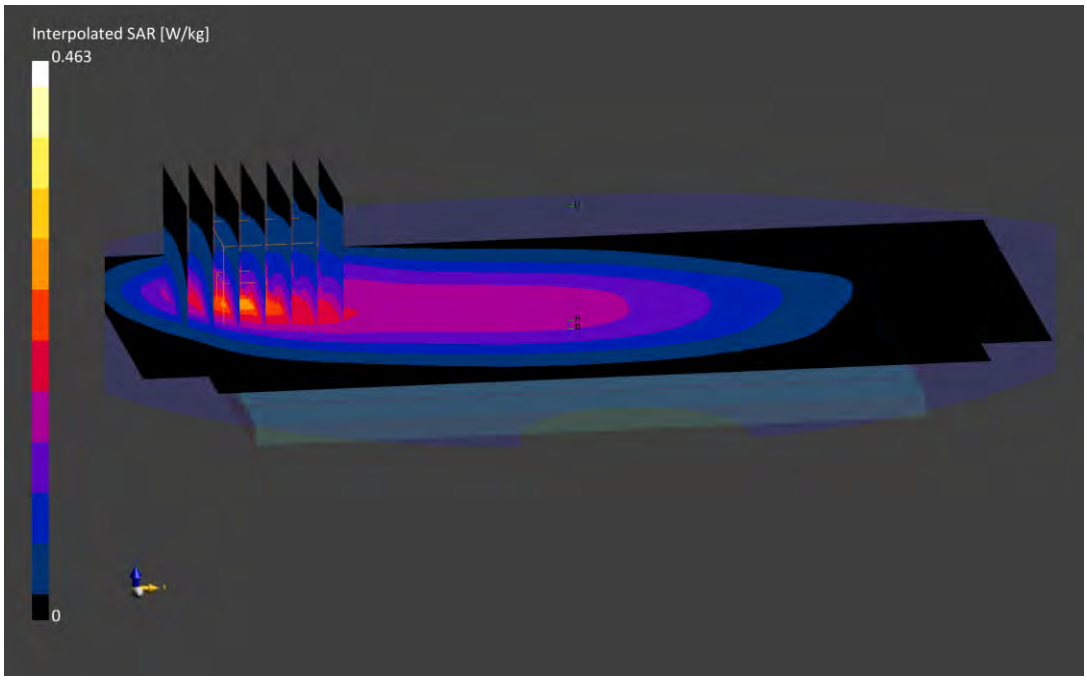
Communication System: UID:10169 - CAE, LTE-FDD; MAIA: Y; Frequency: 680.5 MHz
Medium: 750 Body; Medium parameters used:
f = 680.5 MHz; cond = 0.911 S/m; perm = 54.8; density = 1000 kg/m3
Phantom Section: Flat; Space: 10.00 mm

Test Date: 04/27/2022; Ambient Temp: 20.5°C; Tissue Temp: 20.2°C

Probe: EX3DV4 - SN7565; ConvF:(9.78,9.78,9.78); Calibrated: 2021-11-15
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1466; Calibrated: 2021-11-11
Phantom: Twin-SAM V8.0; Serial: 1934
Measurement SW: DASY Module SAR V16.0.2.136

Mode: LTE Band 71, Antenna A+B, Body SAR, Back side, Mid 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 = 0.24 W/kg; Power Drift = 0.07 dB
Peak SAR (extrapolated) = 0.463 W/kg
SAR(1 g) = 0.239 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 = 78.3 %



ELEMENT

DUT: A3LSMF936U; Type: Portable Handset; Serial: 1798M

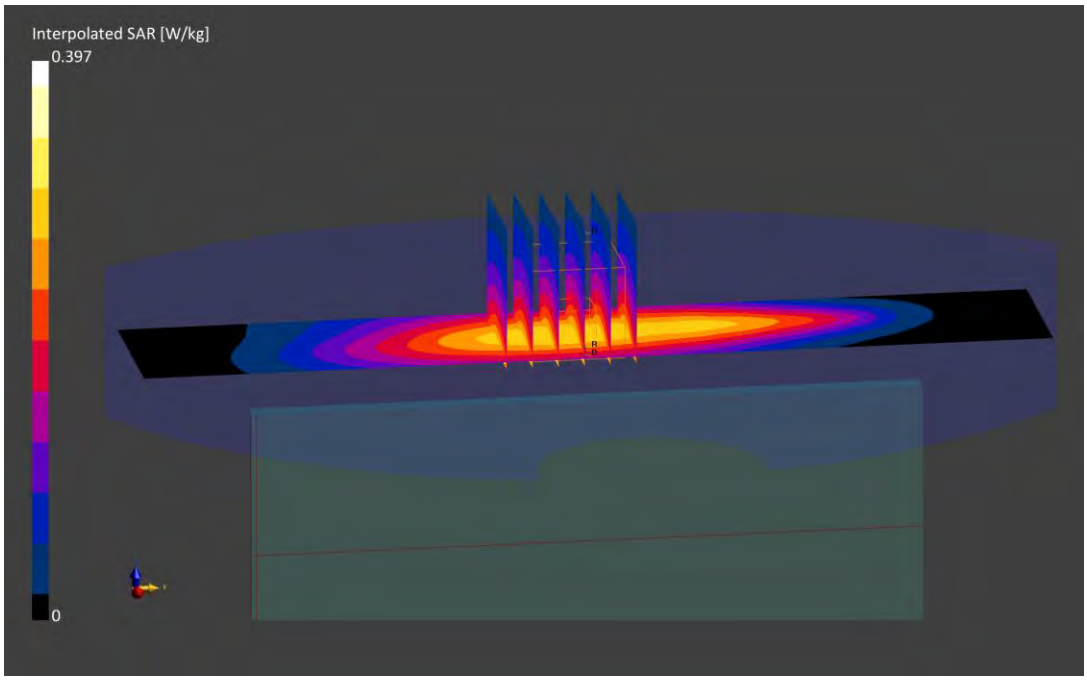
Communication System: UID:10175 - CAG, LTE-FDD; MAIA: Y; Frequency: 707.5 MHz
Medium: 750 Body; Medium parameters used:
f = 707.5 MHz; cond = 0.948 S/m; perm = 54.5; density = 1000 kg/m3
Phantom Section: Flat; Space: 10.00 mm

Test Date: 05/09/2022; Ambient Temp: 21.8°C; Tissue Temp: 21.0°C

Probe: EX3DV4 - SN7565; ConvF:(9.78,9.78,9.78); Calibrated: 2021-11-15
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1466; Calibrated: 2021-11-11
Phantom: Twin-SAM V8.0; Serial: 1934
Measurement SW: DASY Module SAR V16.0.2.136

Mode: LTE Band 12, Antenna A+B, Body SAR, Right Edge, Mid Ch,
10 MHz Bandwidth, QPSK, 1 RB, 25 RB Offset

Area Scan (40.0 x 210.0): Measurement grid: dx=5.0 mm, dy=15.0 mm
Zoom Scan (30.0 x 30.0 x 30.0): Measurement grid: dx=6.0 mm, dy=6.0 mm, dz=1.5 mm; Graded Ratio: 1.5
Reference Value = 0.26 W/kg; Power Drift = 0.05 dB
Peak SAR (extrapolated) = 0.397 W/kg
SAR(1 g) = 0.263 W/kg
Smallest distance from peaks to all points 3 dB below is > 15.0 mm
Ratio of SAR at M2 to SAR at M1 = 86.4 %



ELEMENT

DUT: A3LSMF936U; Type: Portable Handset; Serial: 1798M

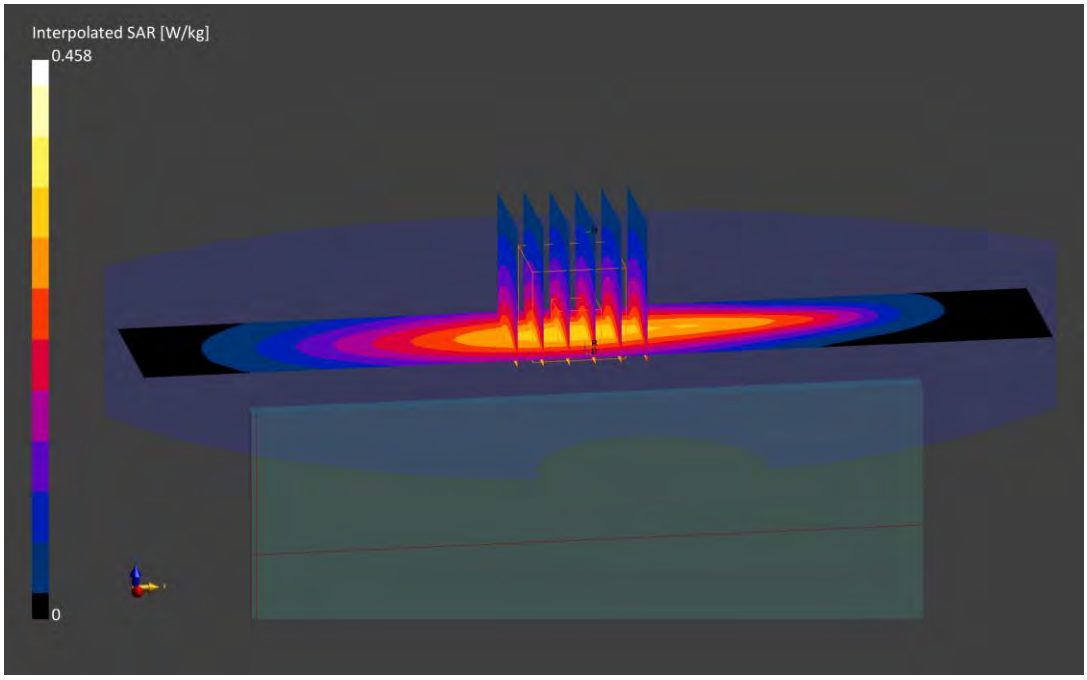
Communication System: UID:10175 - CAG, LTE-FDD; MAIA: Y; Frequency: 782.0 MHz
Medium: 750 Body; Medium parameters used:
f = 782.0 MHz; cond = 0.986 S/m; perm = 55.0; density = 1000 kg/m3
Phantom Section: Flat; Space: 10.00 mm

Test Date: 05/11/2022; Ambient Temp: 21.3°C; Tissue Temp: 21.0°C

Probe: EX3DV4 - SN7565; ConvF:(9.78,9.78,9.78); Calibrated: 2021-11-15
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1466; Calibrated: 2021-11-11
Phantom: Twin-SAM V8.0; Serial: 1934
Measurement SW: DASY Module SAR V16.0.2.136

Mode: LTE Band 13, Antenna A, Body SAR, Right edge, Mid Ch,
10 MHz Bandwidth, QPSK, 1 RB, 25 RB Offset

Area Scan (40.0 x 210.0): Measurement grid: dx=5.0 mm, dy=15.0 mm
Zoom Scan (30.0 x 30.0 x 30.0): Measurement grid: dx=6.0 mm, dy=6.0 mm, dz=1.5 mm; Graded Ratio: 1.5
Reference Value = 0.30 W/kg; Power Drift = -0.10 dB
Peak SAR (extrapolated) = 0.458 W/kg
SAR(1 g) = 0.298 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 = 85.8 %



ELEMENT

DUT: A3LSMF936U; Type: Portable Handset; Serial: 1798M

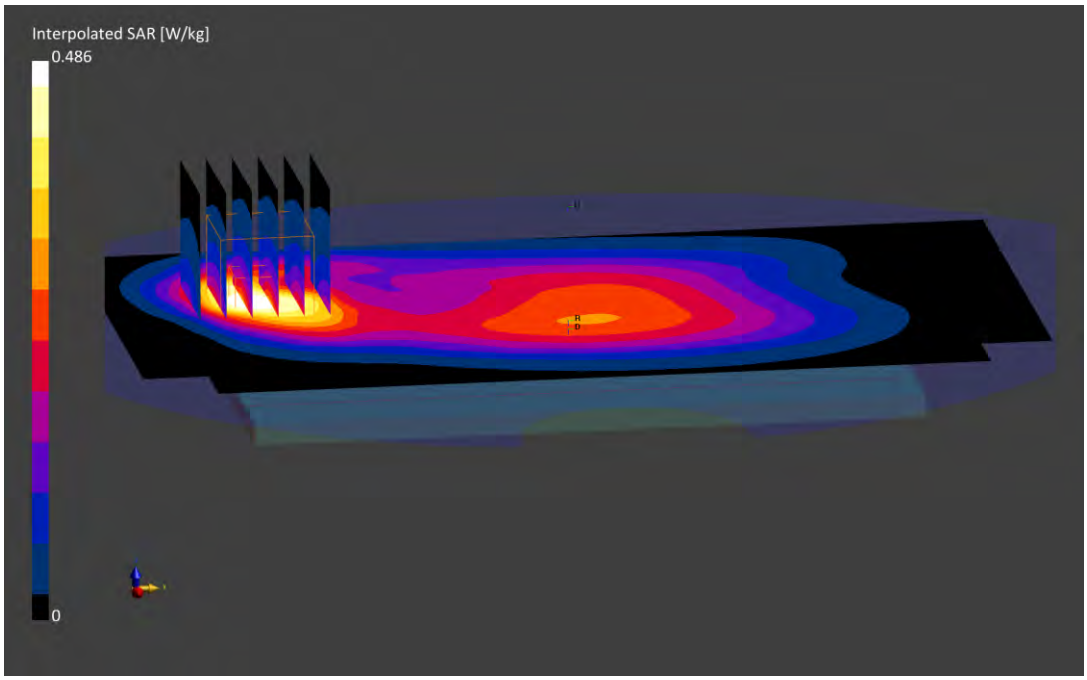
Communication System: UID:10175 - CAG, LTE-FDD; MAIA: Y; Frequency: 793.0 MHz
Medium: 750 Body; Medium parameters used:
f = 793.0 MHz; cond = 0.990 S/m; perm = 55.0; density = 1000 kg/m3
Phantom Section: Flat; Space: 10.00 mm

Test Date: 05/11/2022; Ambient Temp: 21.3°C; Tissue Temp: 21.0°C

Probe: EX3DV4 - SN7565; ConvF:(9.78,9.78,9.78); Calibrated: 2021-11-15
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1466; Calibrated: 2021-11-11
Phantom: Twin-SAM V8.0; Serial: 1934
Measurement SW: DASY Module SAR V16.0.2.136

Mode: LTE Band 14, Antenna A, Body SAR, Back side, 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 = 0.27 W/kg; Power Drift = -0.09 dB
Peak SAR (extrapolated) = 0.486 W/kg
SAR(1 g) = 0.268 W/kg
Smallest distance from peaks to all points 3 dB below is 11.1 mm
Ratio of SAR at M2 to SAR at M1 = 81.5 %



ELEMENT

DUT: A3LSMF936U; Type: Portable Handset; Serial: 1798M

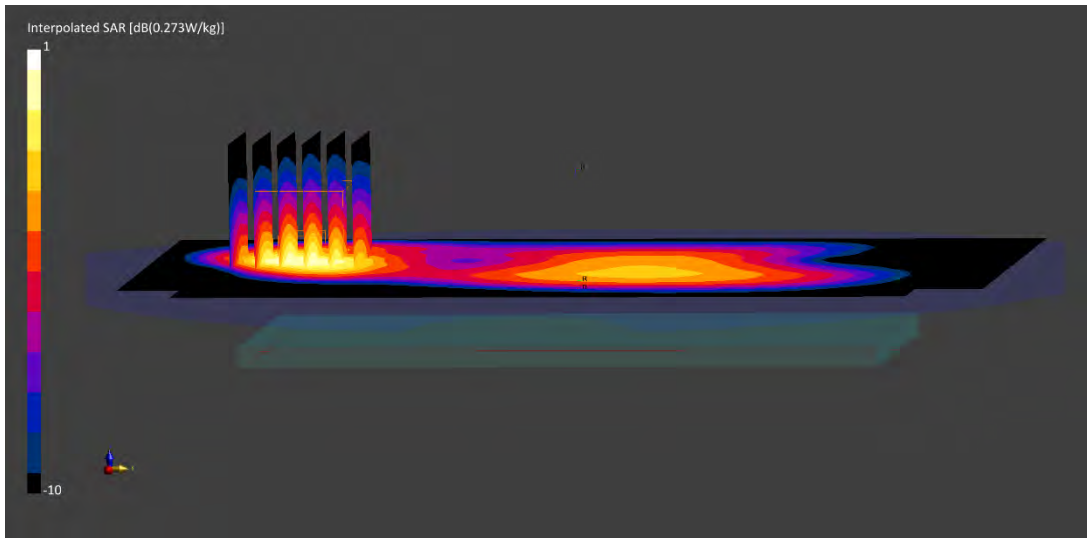
Communication System: UID:10181 - CAE, LTE-FDD; MAIA: Y; Frequency: 831.5 MHz
Medium: 835 Body; Medium parameters used:
f = 831.5 MHz; cond = 0.988 S/m; perm = 54.5; density = 1000 kg/m3
Phantom Section: Flat; Space: 10.00 mm

Test Date: 05/17/2022; Ambient Temp: 20.2°C; Tissue Temp: 20.0°C

Probe: EX3DV4 - SN7565; ConvF:(9.55,9.55,9.55); Calibrated: 2021-11-15
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1466; Calibrated: 2021-11-11
Phantom: Twin-SAM V8.0; Serial: 1934
Measurement SW: DASY Module SAR V16.0.2.136

Mode: LTE Band 26, Antenna A+B, Body SAR, Back Side, Mid Ch,
15 MHz Bandwidth, QPSK, 1 RB, 36 RB Offset

Area Scan (120.0 x 210.0): Measurement grid: dx=15.0 mm, dy=15.0 mm
Zoom Scan (30.0 x 30.0 x 30.0): Measurement grid: dx=6.0 mm, dy=6.0 mm, dz=1.5 mm; Graded Ratio: 1.5
Reference Value = 0.25 W/kg; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 0.427 W/kg
SAR(1 g) = 0.243 W/kg
Smallest distance from peaks to all points 3 dB below is 11.9 mm
Ratio of SAR at M2 to SAR at M1 = 83.0 %



ELEMENT

DUT: A3LSMF936U; Type: Portable Handset; Serial: 1785M

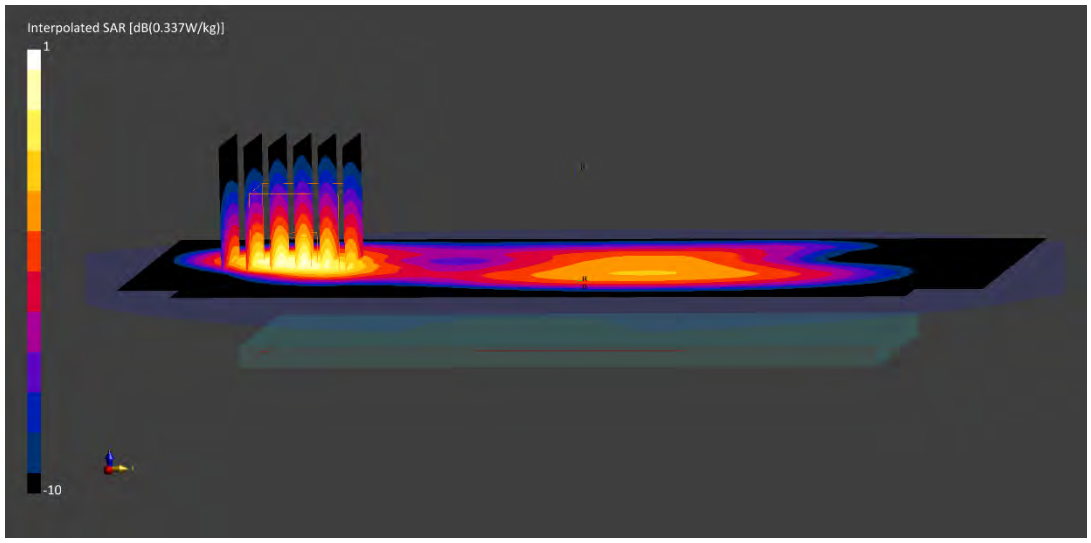
Communication System: UID:10175 - CAG, LTE-FDD; MAIA: Y; Frequency: 836.5 MHz
Medium: 835 Body; Medium parameters used:
f = 836.5 MHz; cond = 1.01 S/m; perm = 53.5; density = 1000 kg/m3
Phantom Section: Flat; Space: 10.00 mm

Test Date: 05/22/2022; Ambient Temp: 21.0°C; Tissue Temp: 21.2°C

Probe: EX3DV4 - SN7565; ConvF:(9.55,9.55,9.55); Calibrated: 2021-11-15
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1466; Calibrated: 2021-11-11
Phantom: Twin-SAM V8.0; Serial: 1934
Measurement SW: DASY Module SAR V16.0.2.136

Mode: LTE Band 5, Antenna A+B, Body SAR, Back Side, 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 = 0.31 W/kg; Power Drift = -0.13 dB
Peak SAR (extrapolated) = 0.563 W/kg
SAR(1 g) = 0.312 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 = 82.8 %



ELEMENT

DUT: A3LSMF936U; Type: Portable Handset; Serial: 1808M

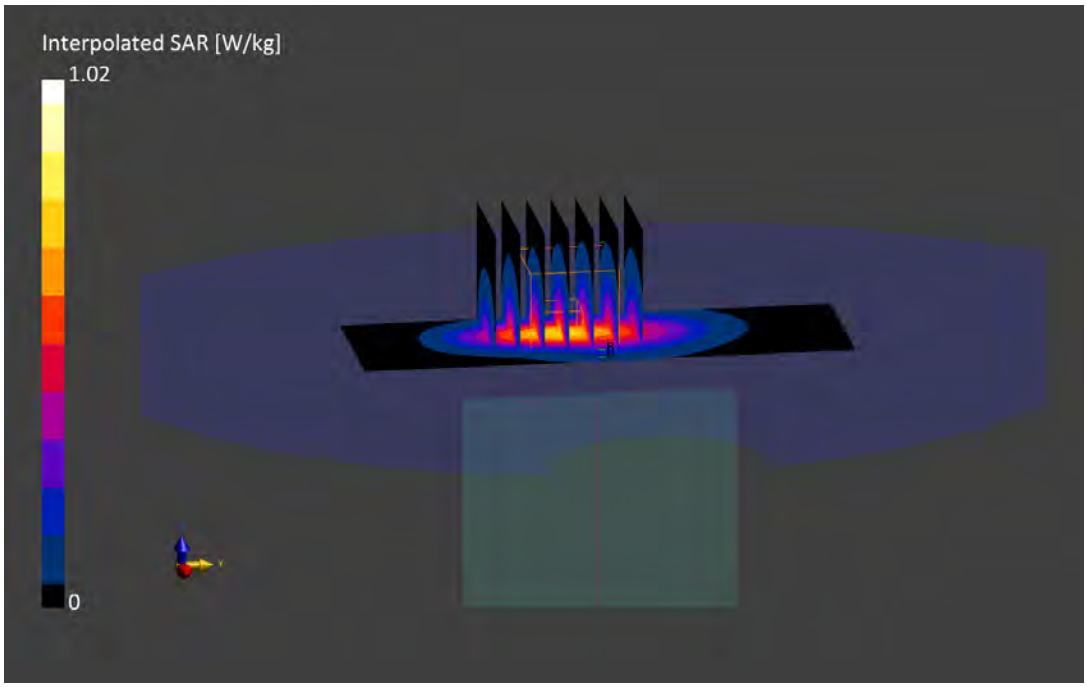
Communication System: UID:10169 - CAE, LTE-FDD; MAIA: Y; Frequency: 1745.0 MHz
Medium: 1750 Body; Medium parameters used:
f = 1745.0 MHz; cond = 1.53 S/m; perm = 54.0; density = 1000 kg/m3
Phantom Section: Flat; Space: 10.00 mm

Test Date: 06/23/2022; Ambient Temp: 21.2 C; Tissue Temp: 20.3 C

Probe: EX3DV4 - SN7410; ConvF:(7.99,7.99,7.99); Calibrated: 2021-07-20
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1583; Calibrated: 2021-07-13
Phantom: Twin-SAM V5.0; Serial: 1792
Measurement SW: DASY Module SAR V16.0.2.136

Mode: LTE Band 66 (AWS), Antenna F, 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 = 0.58 W/kg; Power Drift = 0.00 dB
Peak SAR (extrapolated) = 1.02 W/kg
SAR(1 g) = 0.583 W/kg
Smallest distance from peaks to all points 3 dB below is 9.9 mm
Ratio of SAR at M2 to SAR at M1 = 83.6 %



ELEMENT

DUT: A3LSMF936U; Type: Portable Handset; Serial: 1787M

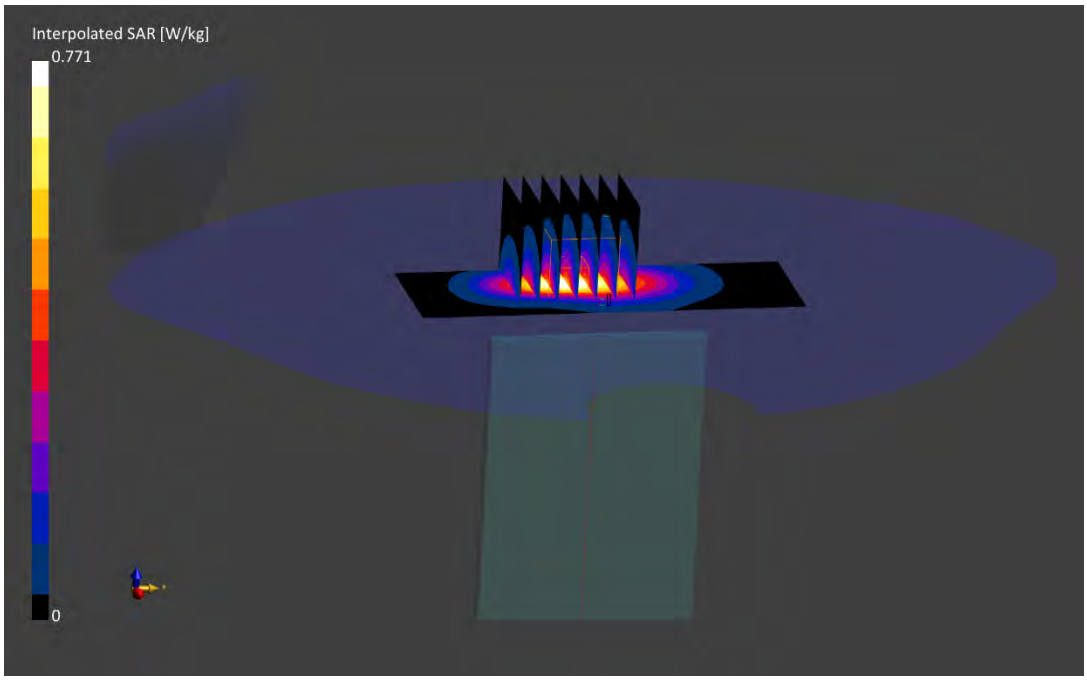
Communication System: UID:10169 - CAE, LTE-FDD; MAIA: Y; Frequency: 1860.0 MHz
Medium: 1900 Body; Medium parameters used:
f = 1860.0 MHz; cond = 1.49 S/m; perm = 52.2; density = 1000 kg/m3
Phantom Section: Flat; Space: 10.00 mm

Test Date: 04/28/2022; Ambient Temp: 22.9°C; Tissue Temp: 22.1°C

Probe: EX3DV4 - SN7406; ConvF:(7.66,7.66,7.66); Calibrated: 2021-07-20
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1676; Calibrated: 2021-06-21
Phantom: Twin-SAM V8.0; Serial: 2058
Measurement SW: DASY Module SAR V16.0.2.83

Mode: LTE Band 25, Antenna F, 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 = 0.44 W/kg; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 0.771 W/kg
SAR(1 g) = 0.432 W/kg
Smallest distance from peaks to all points 3 dB below is 9.1 mm
Ratio of SAR at M2 to SAR at M1 = 83.7 %



ELEMENT

DUT: A3LSMF936U; Type: Portable Handset; Serial: 1328M

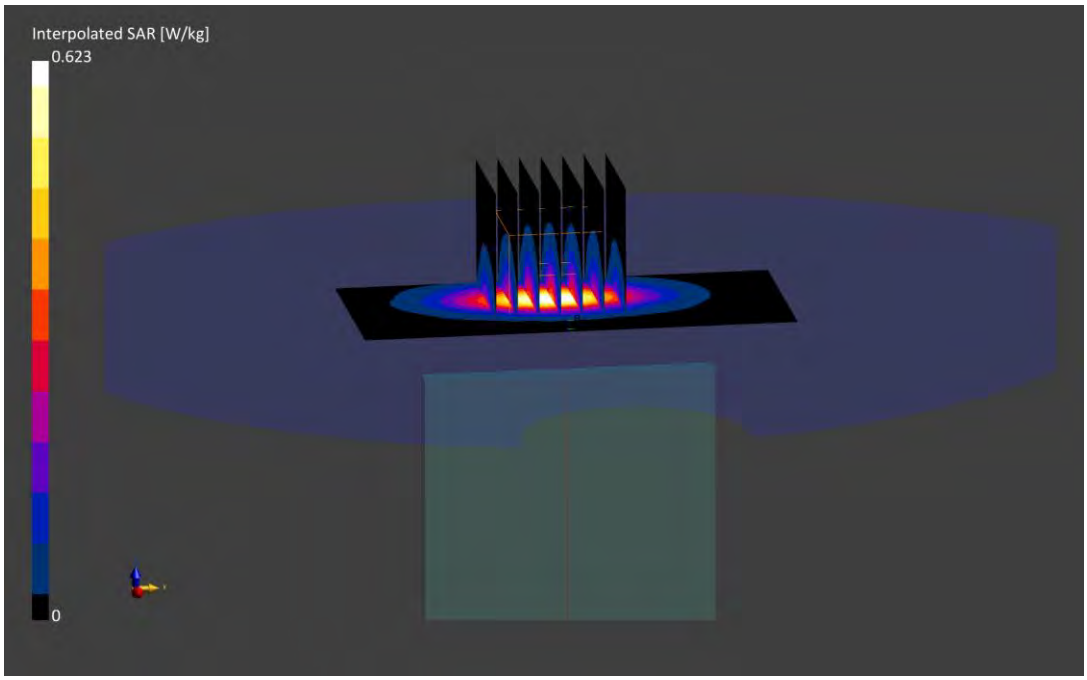
Communication System: UID:10175 - CAG, LTE-FDD; MAIA: Y; Frequency: 2310.0 MHz
Medium: 2450 Body; Medium parameters used:
f = 2310.0 MHz; cond = 1.83 S/m; perm = 51.3; density = 1000 kg/m3
Phantom Section: Flat; Space: 10.00 mm

Test Date: 05/06/2022; Ambient Temp: 21.0°C; Tissue Temp: 21.1°C

Probe: EX3DV4 - SN7409; ConvF:(7.46,7.46,7.46); Calibrated: 2021-06-21
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1334; Calibrated: 2021-06-15
Phantom: Twin-SAM V5.0; Serial: 1759
Measurement SW: DASY Module SAR V16.0.0.116

Mode: LTE Band 30, Antenna B, Body SAR, Bottom Edge, Mid Ch.,
10 MHz Bandwidth, QPSK, 1 RB, 0 RB Offset

Area Scan (40.0 x 100.0): 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 = 0.31 W/kg; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 0.623 W/kg
SAR(1 g) = 0.316 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 = 81.7 %



ELEMENT

DUT: A3LSMF936U; Type: Portable Handset; Serial: 1713M

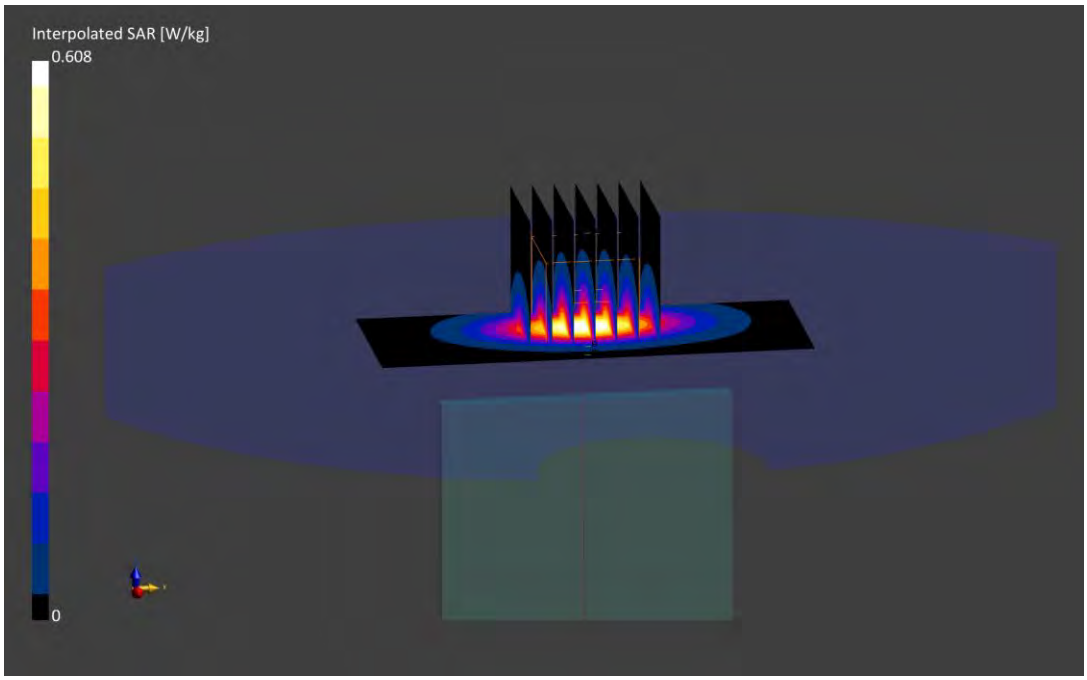
Communication System: UID:10169 - CAE, LTE-FDD; MAIA: Y; Frequency: 2560.0 MHz
Medium: 2450 Body; Medium parameters used:
f = 2560.0 MHz; cond = 2.08 S/m; perm = 50.9; density = 1000 kg/m3
Phantom Section: Flat; Space: 10.00 mm

Test Date: 05/10/2022; Ambient Temp: 23.4°C; Tissue Temp: 22.0°C

Probe: EX3DV4 - SN7552; ConvF:(7.28,7.28,7.28); Calibrated: 2021-09-20
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1680; Calibrated: 2021-08-04
Phantom: Twin-SAM V8.0; Serial: 2065
Measurement SW: DASY Module SAR V16.0.2.83

Mode: LTE Band 7, Antenna B, Body SAR, Bottom Edge, High Ch,
20 MHz Bandwidth, QPSK, 1 RB, 0 RB Offset

Area Scan (40.0 x 100.0): 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 = 0.58 W/kg; Power Drift = -0.06 dB
Peak SAR (extrapolated) = 1.00 W/kg
SAR(1 g) = 0.460 W/kg
Smallest distance from peaks to all points 3 dB below is 9.8 mm
Ratio of SAR at M2 to SAR at M1 = 77.6 %



ELEMENT

DUT: A3LSMF936U; Type: Portable Handset; Serial: 1815M

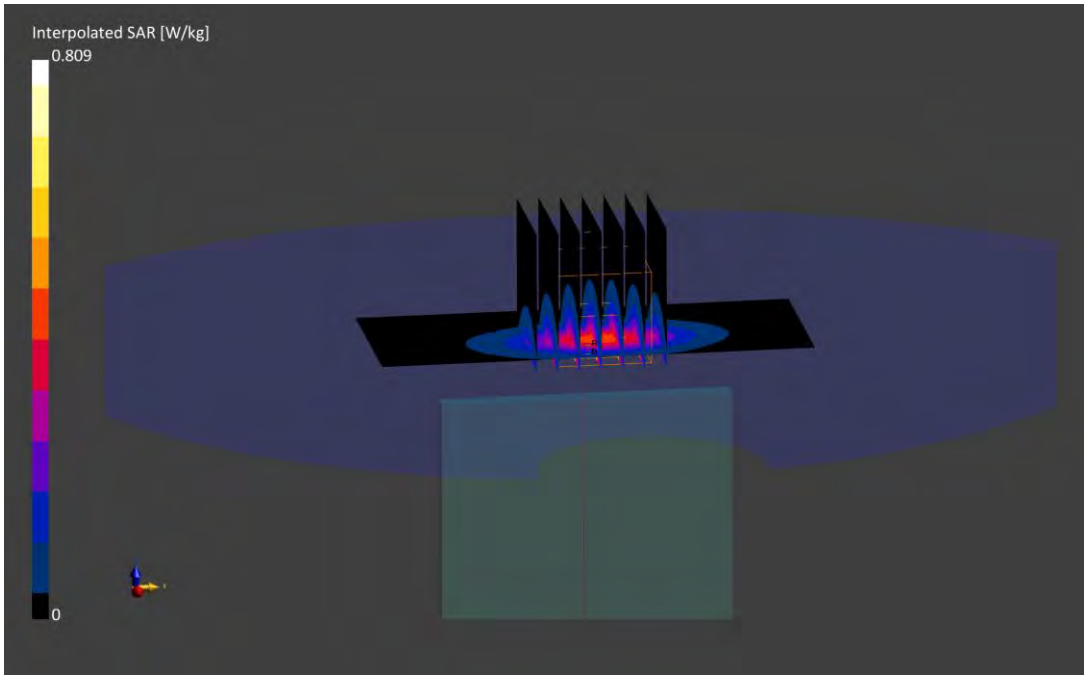
Communication System: UID:10435 - AAF, LTE-TDD; MAIA: Y; Frequency: 2593.0 MHz
Medium: 2450 Body; Medium parameters used:
f = 2593.0 MHz; cond = 2.18 S/m; perm = 50.2; density = 1000 kg/m3
Phantom Section: Flat; Space: 10.00 mm

Test Date: 05/15/2022; Ambient Temp: 20.9°C; Tissue Temp: 23.2°C

Probe: EX3DV4 - SN7552; ConvF:(7.28,7.28,7.28); Calibrated: 2021-09-20
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1680; Calibrated: 2021-08-04
Phantom: Twin-SAM V8.0; Serial: 2065
Measurement SW: DASY Module SAR V16.0.2.83

Mode: LTE Band 41, Antenna B, ULCA, Body SAR, Bottom Edge, Mid Ch.,
PCC: 20 MHz Bandwidth, QPSK, Ch. 40620, 1 RB, 99 RB Offset
SCC: 20 MHz Bandwidth, QPSK, Ch. 40818, 1 RB, 0 RB Offset

Area Scan (40.0 x 100.0): 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 = 0.46 W/kg; Power Drift = -0.03 dB
Peak SAR (extrapolated) = 0.809 W/kg
SAR(1 g) = 0.360 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 = 76.0 %



ELEMENT

DUT: A3LSMF936U; Type: Portable Handset; Serial: 1803M

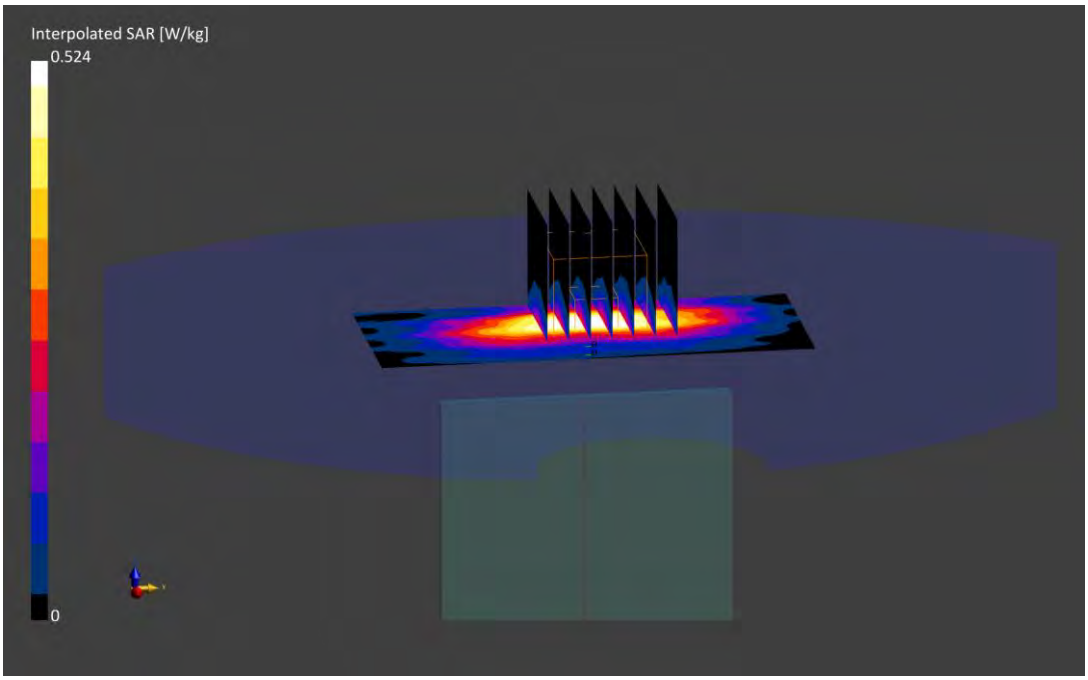
Communication System: UID:10435 - AAF, LTE-TDD; MAIA: Y; Frequency: 3646.7 MHz
Medium: 3600 Body; Medium parameters used:
f = 3646.7 MHz; cond = 3.37 S/m; perm = 50.8; density = 1000 kg/m3
Phantom Section: Flat; Space: 10.00 mm

Test Date: 05/04/2022; Ambient Temp: 23.7°C; Tissue Temp: 22.6°C

Probe: EX3DV4 - SN7538; ConvF:(6.36,6.36,6.36); Calibrated: 2021-11-16
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1323; Calibrated: 2021-11-10
Phantom: Twin-SAM V8.0; Serial: 2056
Measurement SW: DASY Module SAR V16.0.2.83

Mode: LTE Band 48, Body SAR, Top Edge, Mid-high Ch.,
20 MHz Bandwidth, QPSK, 1 RB, 0 RB Offset

Area Scan (40.0 x 100.0): Measurement grid: dx=5.0 mm, dy=10.0 mm
Zoom Scan (28.0 x 28.0 x 28.0): Measurement grid: dx=5.0 mm, dy=5.0 mm, dz=1.4 mm; Graded Ratio: 1.5
Reference Value = 0.29 W/kg; Power Drift = -0.03 dB
Peak SAR (extrapolated) = 0.524 W/kg
SAR(1 g) = 0.219 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 = 75.3 %



ELEMENT

DUT: A3LSMF936U; Type: Portable Handset; Serial: 2719M

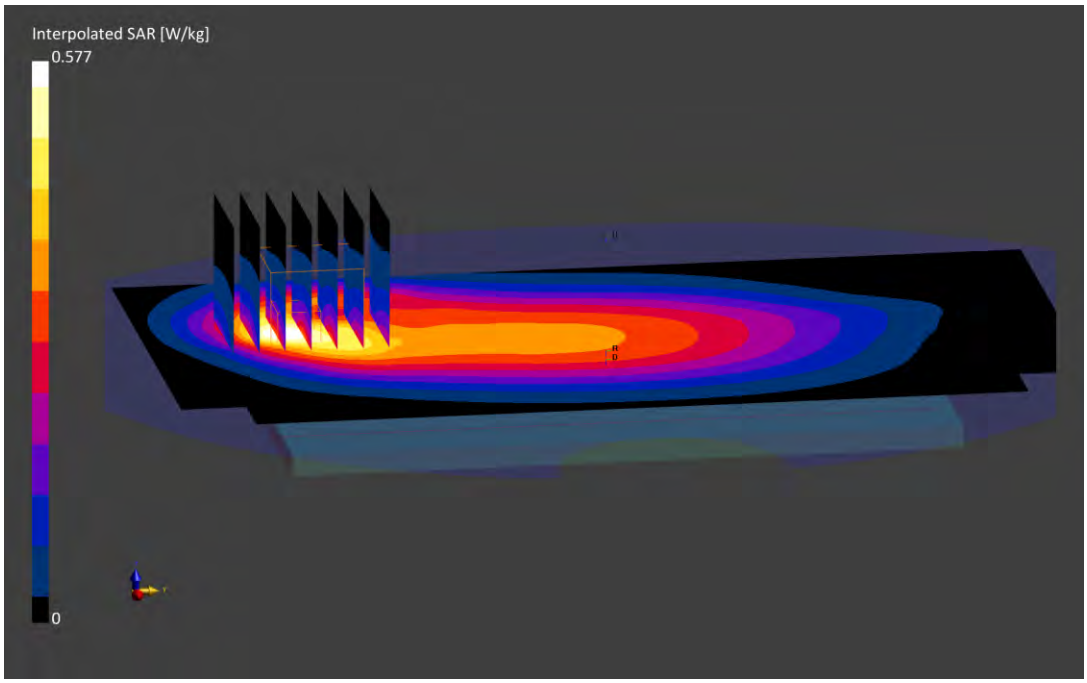
Communication System: UID:10931 - AAC, 5G NR FR1 FDD; MAIA: Y; Frequency: 680.5 MHz
Medium: 750 Body; Medium parameters used:
f = 680.5 MHz; cond = 0.931 S/m; perm = 54.0; density = 1000 kg/m3
Phantom Section: Flat; Space: 10.00 mm

Test Date: 06/07/2022; Ambient Temp: 21.9°C; Tissue Temp: 20.5°C

Probe: EX3DV4 - SN7660; ConvF:(10.89,10.89,10.89); Calibrated: 2022-05-18
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1678; Calibrated: 2022-05-10
Phantom: Twin-SAM V5.0; Serial: 1692rightback
Measurement SW: DASY Module SAR V16.0.2.136

Mode: NR Band n71, Antenna A+B, Body SAR, Back Side, Ch. 136100,
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 (30.0 x 30.0 x 30.0): Measurement grid: dx=6.0 mm, dy=6.0 mm, dz=1.5 mm; Graded Ratio: 1.5
Reference Value = 0.22 W/kg; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 0.576 W/kg
SAR(1 g) = 0.293 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 = 79.8 %



ELEMENT

DUT: A3LSMF936U; Type: Portable Handset; Serial: 2719M

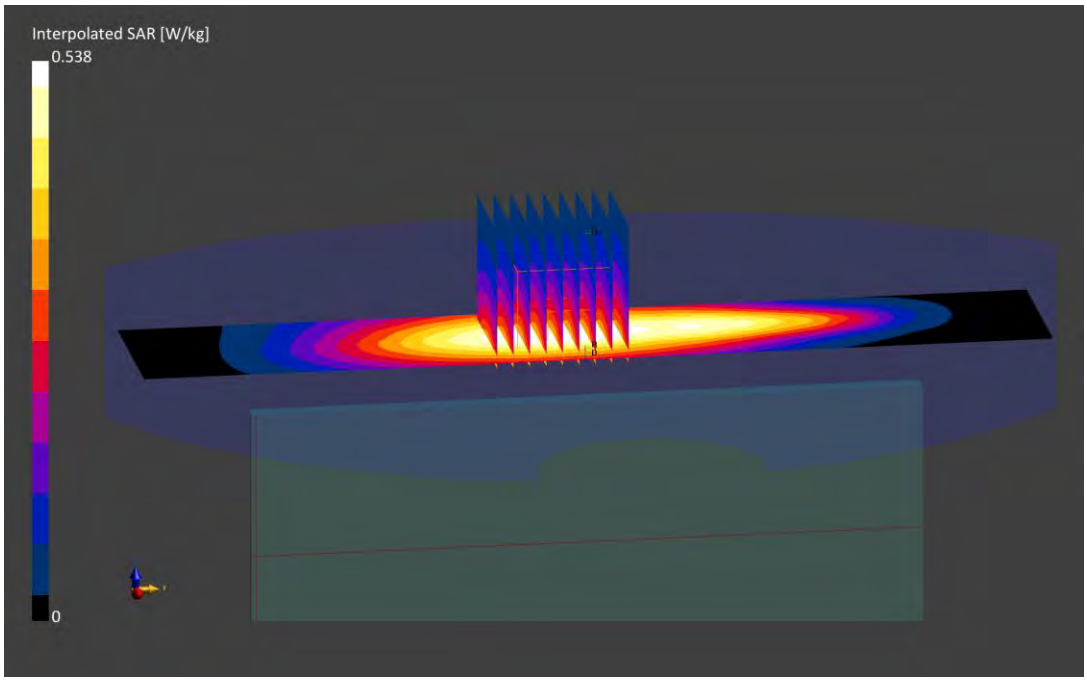
Communication System: UID:10930 - AAC, 5G NR FR1 FDD; MAIA: Y; Frequency: 707.5 MHz
Medium: 750 Body; Medium parameters used:
f = 707.5 MHz; cond = 0.957 S/m; perm = 53.4; density = 1000 kg/m3
Phantom Section: Flat; Space: 10.00 mm

Test Date: 06/04/2022; Ambient Temp: 20.5°C; Tissue Temp: 20.9°C

Probe: EX3DV4 - SN7661; ConvF:(10.26,10.26,10.26); Calibrated: 2021-06-28
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1450; Calibrated: 2021-08-16
Phantom: Twin-SAM V5.0; Serial: 1692rightback
Measurement SW: DASY Module SAR V16.0.2.136

Mode: NR Band n12, Antenna A+B, Body SAR, Right Edge, Ch. 141500,
15 MHz Bandwidth, DFT-s-OFDM QPSK, 1 RB, 1 RB Offset

Area Scan (40.0 x 210.0): Measurement grid: dx=5.0 mm, dy=15.0 mm
Zoom Scan (30.0 x 30.0 x 30.0): Measurement grid: dx=3.8 mm, dy=3.8 mm, dz=1.5 mm; Graded Ratio: 1.5
Reference Value = 0.29 W/kg; Power Drift = -0.06 dB
Peak SAR (extrapolated) = 0.538 W/kg
SAR(1 g) = 0.338 W/kg
Smallest distance from peaks to all points 3 dB below is > 15.0 mm
Ratio of SAR at M2 to SAR at M1 = 84.6 %



ELEMENT

DUT: A3LSMF936U; Type: Portable Handset; Serial: 3594M

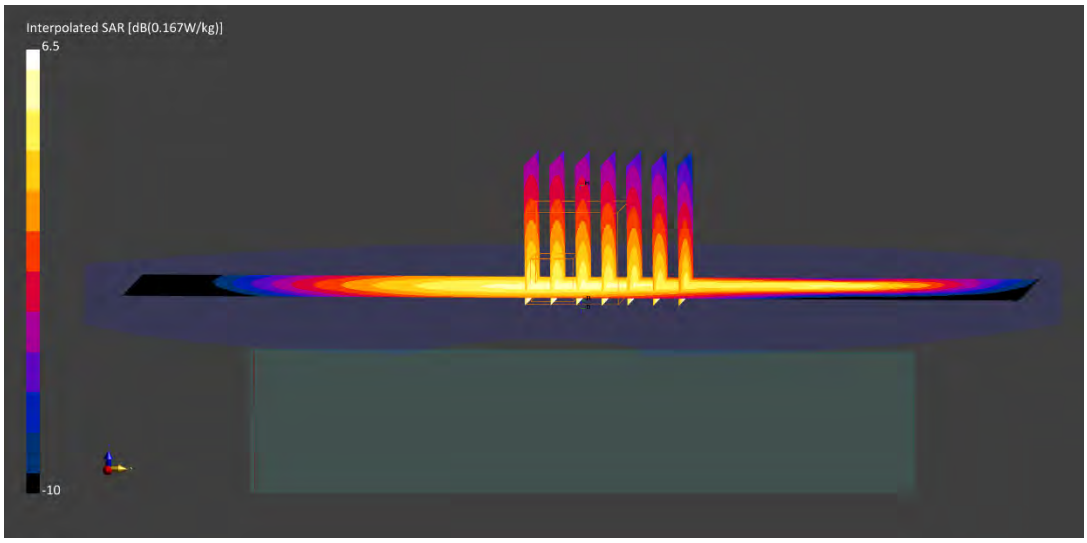
Communication System: UID:10931 - AAC, 5G NR FR1 FDD; MAIA: Y; Frequency: 836.5 MHz
Medium: 835 Body; Medium parameters used:
f = 836.5 MHz; cond = 0.950 S/m; perm = 54.8; density = 1000 kg/m3
Phantom Section: Flat; Space: 10.00 mm

Test Date: 06/06/2022; Ambient Temp: 22.1°C; Tissue Temp: 21.0°C

Probe: EX3DV4 - SN7571; ConvF:(9.87,9.87,9.87); Calibrated: 2021-12-10
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn859; Calibrated: 2021-12-08
Phantom: Twin-SAM V5.0; Serial: 1646
Measurement SW: DASY Module SAR V16.0.2.136

Mode: NR Band n5, Antenna A+B, Body SAR, Right Edge, Ch. 167300,
20 MHz Bandwidth, DFT-s-OFDM QPSK, 1 RB, 53 RB Offset

Area Scan (40.0 x 210.0): Measurement grid: dx=5.0 mm, dy=15.0 mm
Zoom Scan (30.0 x 30.0 x 30.0): Measurement grid: dx=6.0 mm, dy=6.0 mm, dz=1.5 mm; Graded Ratio: 1.5
Reference Value = 0.43 W/kg; Power Drift = 0.08 dB
Peak SAR (extrapolated) = 0.652 W/kg
SAR(1 g) = 0.394 W/kg
Smallest distance from peaks to all points 3 dB below is 15.6 mm
Ratio of SAR at M2 to SAR at M1 = 82.9 %



ELEMENT

DUT: A3LSMF936U; Type: Portable Handset; Serial: 3591M

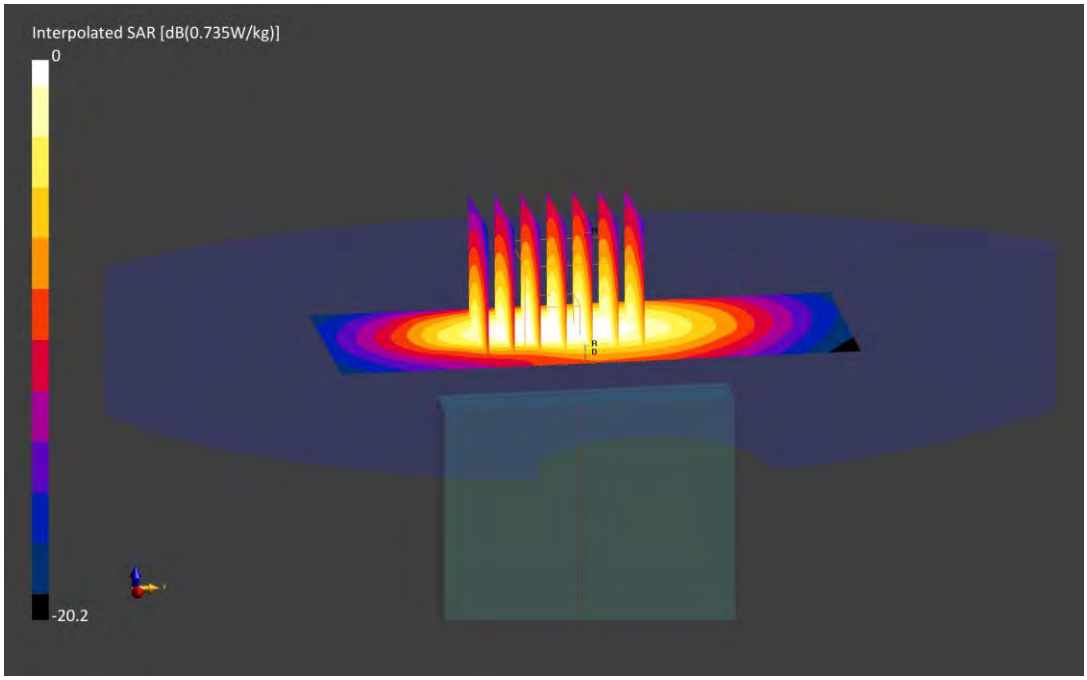
Communication System: UID:10773 - AAD, CW; MAIA: Y; Frequency: 1745.0 MHz
Medium: 1750 Body; Medium parameters used:
f = 1745.0 MHz; cond = 1.47 S/m; perm = 52.3; density = 1000 kg/m3
Phantom Section: Flat; Space: 10.00 mm

Test Date: 06/05/2022; Ambient Temp: 24.0°C; Tissue Temp: 21.7°C

Probe: EX3DV4 - SN7670; ConvF:(8.36,8.36,8.36); Calibrated: 2021-08-05
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1681; Calibrated: 2021-08-03
Phantom: Twin-SAM V8.0; Serial: 1966
Measurement SW: DASY Module SAR V16.0.2.136

Mode: NR Band n66, Antenna F, Body SAR, Top Edge, Ch. 349000,
40 MHz Bandwidth, CP-OFDM QPSK, 1 RB, 1 RB Offset

Area Scan (48.0 x 120.0): Measurement grid: dx=12.0 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 = 0.62 W/kg; Power Drift = -0.10 dB
Peak SAR (extrapolated) = 1.12 W/kg
SAR(1 g) = 0.646 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: A3LSMF936U; Type: Portable Handset; Serial: 1787M

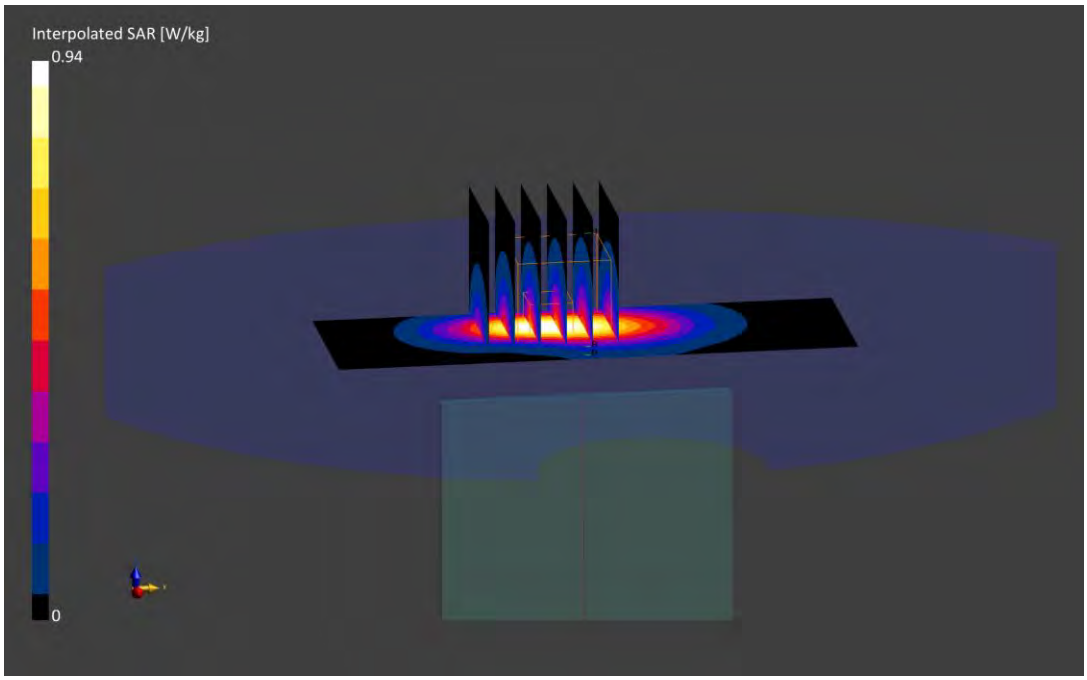
Communication System: UID:10934 - AAC, 5G NR FR1 FDD; MAIA: Y; Frequency: 1882.5 MHz
Medium: 1900 Body; Medium parameters used:
f = 1882.5 MHz; cond = 1.55 S/m; perm = 51.7; density = 1000 kg/m3
Phantom Section: Flat; Space: 10.00 mm

Test Date: 05/01/2022; Ambient Temp: 24.7°C; Tissue Temp: 22.4°C

Probe: EX3DV4 - SN7406; ConvF:(7.66,7.66,7.66); Calibrated: 2021-07-20
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1676; Calibrated: 2021-06-21
Phantom: Twin-SAM V8.0; Serial: 2058
Measurement SW: DASY Module SAR V16.0.2.83

Mode: NR Band n25, Antenna F, Body SAR, Top Edge, Ch. 376500,
40 MHz Bandwidth, DFT-s-OFDM QPSK, 1 RB, 108 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 = 0.53 W/kg; Power Drift = -0.03 dB
Peak SAR (extrapolated) = 0.940 W/kg
SAR(1 g) = 0.515 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 = 83.7 %



ELEMENT

DUT: A3LSMF936U; Type: Portable Handset; Serial: 1794M

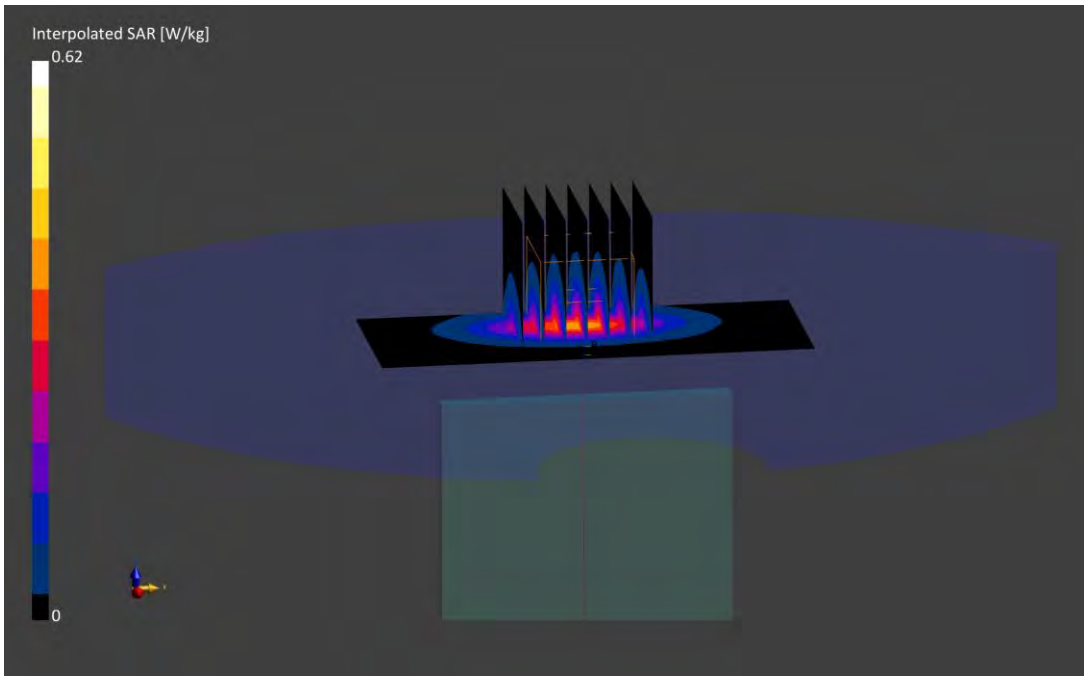
Communication System: UID:10937 - AAB, 5G NR FR1 FDD; MAIA: Y; Frequency: 2310.0 MHz
Medium: 2450 Body; Medium parameters used:
f = 2310.0 MHz; cond = 1.81 S/m; perm = 51.3; density = 1000 kg/m3
Phantom Section: Flat; Space: 10.00 mm

Test Date: 05/25/2022; Ambient Temp: 21.5°C; Tissue Temp: 21.3°C

Probe: EX3DV4 - SN7409; ConvF:(7.46,7.46,7.46); Calibrated: 2021-06-21
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1334; Calibrated: 2021-06-15
Phantom: Twin-SAM V5.0; Serial: 1759
Measurement SW: DASY Module SAR V16.0.0.116

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

Area Scan (40.0 x 100.0): 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 = 0.30 W/kg; Power Drift = 0.00 dB
Peak SAR (extrapolated) = 0.620 W/kg
SAR(1 g) = 0.306 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 = 80.3 %



ELEMENT

DUT: A3LSMF936U; Type: Portable Handset; Serial: 1779M

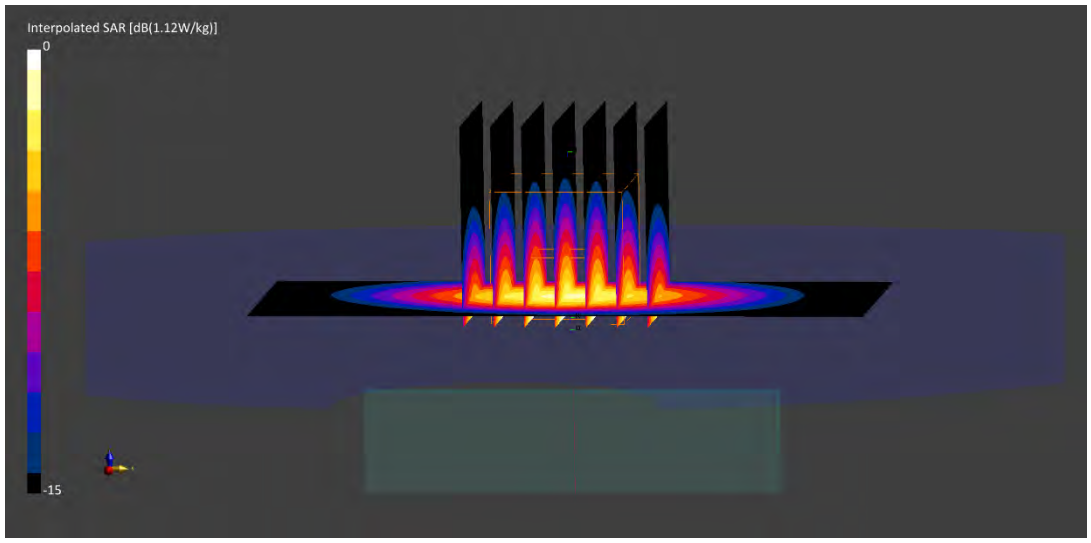
Communication System: UID:10942 - AAC, 5G NR FR1 FDD; MAIA: Y; Frequency: 2535.0 MHz
Medium: 2450 Body; Medium parameters used:
f = 2535.0 MHz; cond = 2.08 S/m; perm = 51.1; density = 1000 kg/m3
Phantom Section: Flat; Space: 10.00 mm

Test Date: 05/25/2022; Ambient Temp: 20.5°C; Tissue Temp: 23.2°C

Probe: EX3DV4 - SN7552; ConvF:(7.28,7.28,7.28); Calibrated: 2021-09-20
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1680; Calibrated: 2021-08-04
Phantom: Twin-SAM V8.0; Serial: 2065
Measurement SW: DASY Module SAR V16.0.2.136

Mode: NR Band n7, Antenna B, Body SAR, Bottom Edge, Ch. 507000,
40 MHz Bandwidth, DFT-s-OFDM QPSK, 108 RB, 108 RB Offset

Area Scan (40.0 x 100.0): 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 = 0.63 W/kg; Power Drift = -0.02 dB
Peak SAR (extrapolated) = 1.12 W/kg
SAR(1 g) = 0.513 W/kg
Smallest distance from peaks to all points 3 dB below is 10.0 mm
Ratio of SAR at M2 to SAR at M1 = 76.9 %



ELEMENT

DUT: A3LSMF936U; Type: Portable Handset; Serial: 1779M

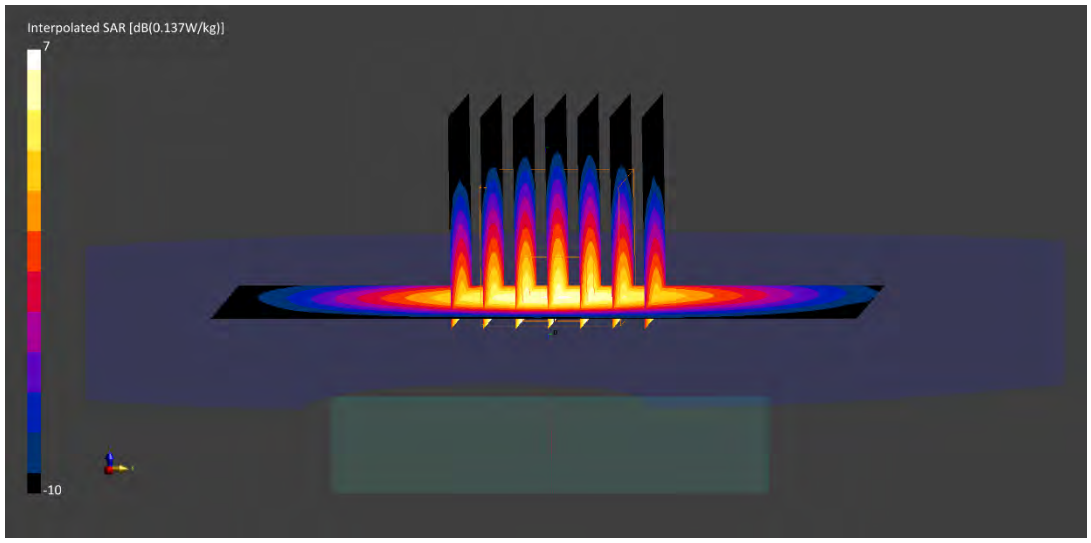
Communication System: UID:0 - -, CW; MAIA: Y; Frequency: 2593.0 MHz
Medium: 2450 Body; Medium parameters used:
f = 2593.0 MHz; cond = 2.21 S/m; perm = 50.8; density = 1000 kg/m3
Phantom Section: Flat; Space: 10.00 mm

Test Date: 05/22/2022; Ambient Temp: 20.3°C; Tissue Temp: 20.8°C

Probe: EX3DV4 - SN7552; ConvF:(7.28,7.28,7.28); Calibrated: 2021-09-20
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1680; Calibrated: 2021-08-04
Phantom: Twin-SAM V8.0; Serial: 2065
Measurement SW: DASY Module SAR V16.0.2.136

Mode: NR Band n41, Antenna B, Body SAR, Bottom Edge, Ch.518598, 100 MHz Bandwidth, CW/SRS

Area Scan (40.0 x 100.0): 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 = 0.48 W/kg; Power Drift = -0.06 dB
Peak SAR (extrapolated) = 0.848 W/kg
SAR(1 g) = 0.383 W/kg
Smallest distance from peaks to all points 3 dB below is 10.0 mm
Ratio of SAR at M2 to SAR at M1 = 76.3 %



ELEMENT

DUT: A3LSMF936U; Type: Portable Handset; Serial: 1790M

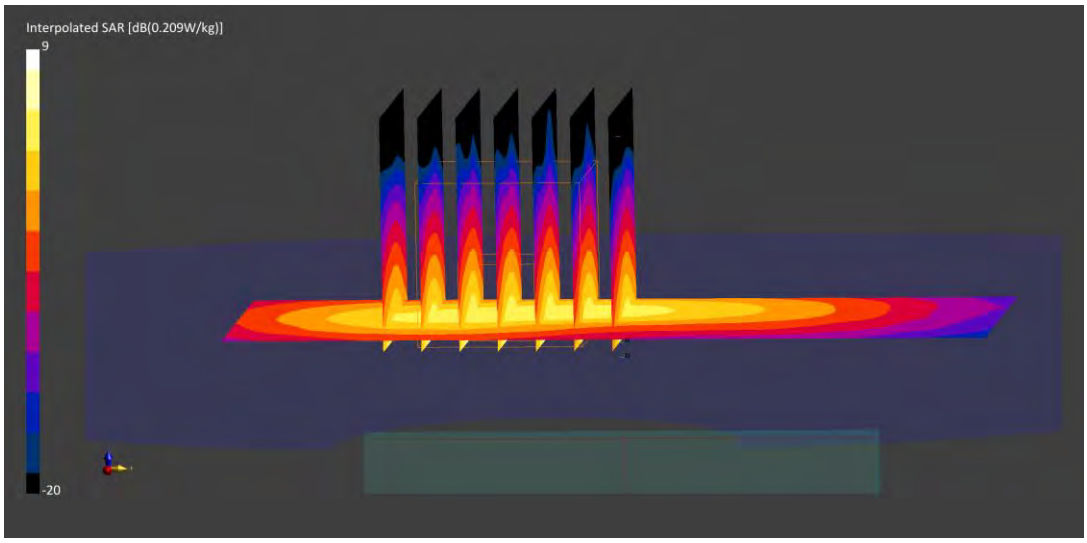
Communication System: UID:10797 - AAD, 5G NR FR1 TDD; MAIA: Y; Frequency: 3625.0 MHz
Medium: 3600 Body; Medium parameters used:
f = 3625.0 MHz; cond = 3.38 S/m; perm = 50.4; density = 1000 kg/m3
Phantom Section: Flat; Space: 10.00 mm

Test Date: 06/19/2022; Ambient Temp: 21.6°C; Tissue Temp: 20.8°C

Probe: EX3DV4 - SN7670; ConvF:(6.5,6.5,6.5); Calibrated: 2021-08-05
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1681; Calibrated: 2021-08-03
Phantom: Twin-SAM V8.0; Serial: 1966
Measurement SW: DASY Module SAR V16.0.2.136

Mode: NR Band n48, Antenna F, Body SAR, Top Edge, Ch.641666,
40 MHz Bandwidth, CP-OFDM QPSK, 1 RB, 1 RB Offset

Area Scan (40.0 x 100.0): Measurement grid: dx=5.0 mm, dy=10.0 mm
Zoom Scan (28.0 x 28.0 x 28.0): Measurement grid: dx=5.0 mm, dy=5.0 mm, dz=1.4 mm; Graded Ratio: 1.5
Reference Value = 0.28 W/kg; Power Drift = -0.08 dB
Peak SAR (extrapolated) = 0.869 W/kg
SAR(1 g) = 0.360 W/kg
Smallest distance from peaks to all points 3 dB below is 9.8 mm
Ratio of SAR at M2 to SAR at M1 = 75.2 %



ELEMENT

DUT: A3LSMF936U; Type: Portable Handset; Serial: 1829M

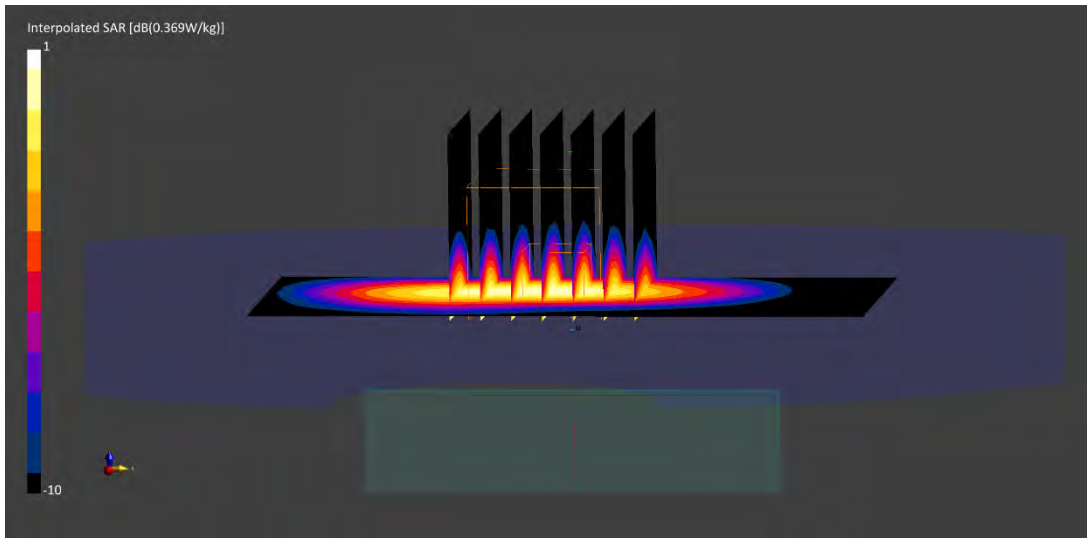
Communication System: UID:10866 - AAD, 5G NR FR1 TDD; MAIA: Y; Frequency: 3500.0 MHz
Medium: 3600 Body; Medium parameters used:
f = 3500.0 MHz; cond = 3.18 S/m; perm = 49.4; density = 1000 kg/m3
Phantom Section: Flat; Space: 10.00 mm

Test Date: 05/26/2022; Ambient Temp: 21.5°C; Tissue Temp: 21.0°C

Probe: EX3DV4 - SN7661; ConvF:(6.7,6.7,6.7); Calibrated: 2021-06-28
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1450; Calibrated: 2021-08-16
Phantom: Twin-SAM V5.0; Serial: 1692rightback
Measurement SW: DASY Module SAR V16.0.2.136

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

Area Scan (40.0 x 100.0): Measurement grid: dx=5.0 mm, dy=10.0 mm
Zoom Scan (28.0 x 28.0 x 28.0): Measurement grid: dx=5.0 mm, dy=5.0 mm, dz=1.4 mm; Graded Ratio: 1.5
Reference Value = 0.18 W/kg; Power Drift = 0.00 dB
Peak SAR (extrapolated) = 0.662 W/kg
SAR(1 g) = 0.276 W/kg
Smallest distance from peaks to all points 3 dB below is 10.0 mm
Ratio of SAR at M2 to SAR at M1 = 76.0 %



ELEMENT

DUT: A3LSMF936U; Type: Portable Handset; Serial: 3591M

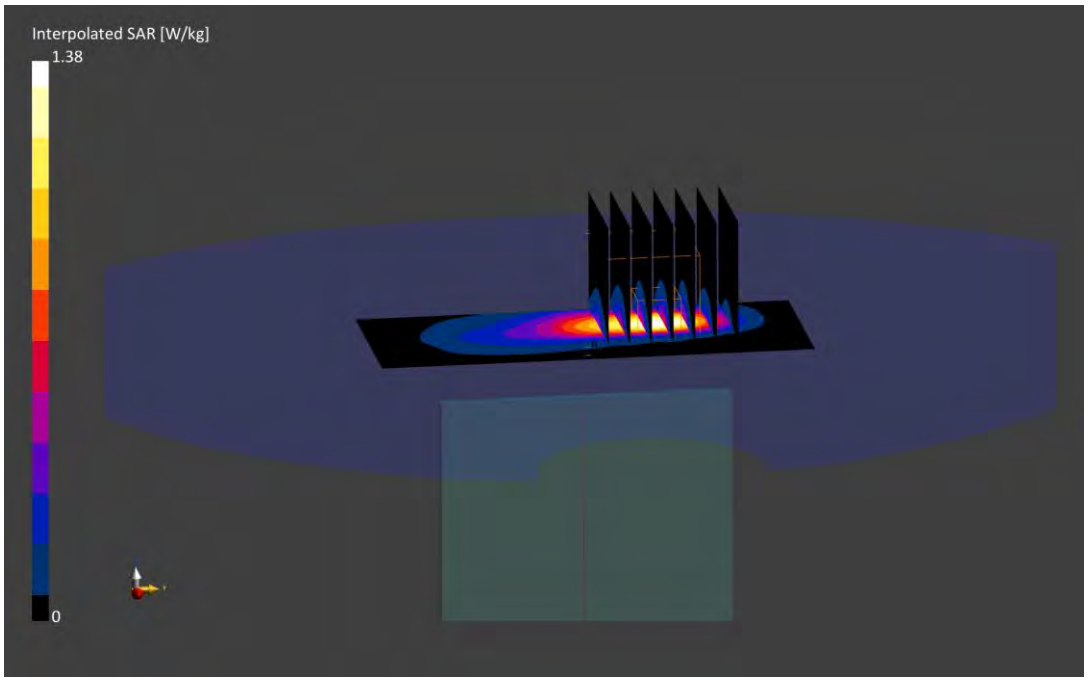
Communication System: UID:10917 - AAB, 5G NR FR1 TDD; MAIA: Y; Frequency: 3750.0 MHz
Medium: 3600 Body; Medium parameters used:
f = 3750.0 MHz; cond = 3.48 S/m; perm = 51.2; density = 1000 kg/m3
Phantom Section: Flat; Space: 10.00 mm

Test Date: 06/07/2022; Ambient Temp: 23.2°C; Tissue Temp: 21.9°C

Probe: EX3DV4 - SN7670; ConvF:(6.5,6.5,6.5); Calibrated: 2021-08-05
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1681; Calibrated: 2021-08-03
Phantom: Twin-SAM V8.0; Serial: 1966
Measurement SW: DASY Module SAR V16.0.2.136

Mode: NR Band n77 C-Band, Antenna E, Body SAR, Top Edge, Ch. 650000, 100 MHz Bandwidth, DFT-s-OFDM QPSK, 135 RB, 138 RB Offset

Area Scan (40.0 x 100.0): Measurement grid: dx=5.0 mm, dy=10.0 mm
Zoom Scan (28.0 x 28.0 x 28.0): Measurement grid: dx=5.0 mm, dy=5.0 mm, dz=1.4 mm; Graded Ratio: 1.5
Reference Value = 0.46 W/kg; Power Drift = 0.04 dB
Peak SAR (extrapolated) = 1.38 W/kg
SAR(1 g) = 0.525 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 = 74.4 %



ELEMENT

DUT: A3LSMF936U; Type: Portable Handset; Serial: 0417M

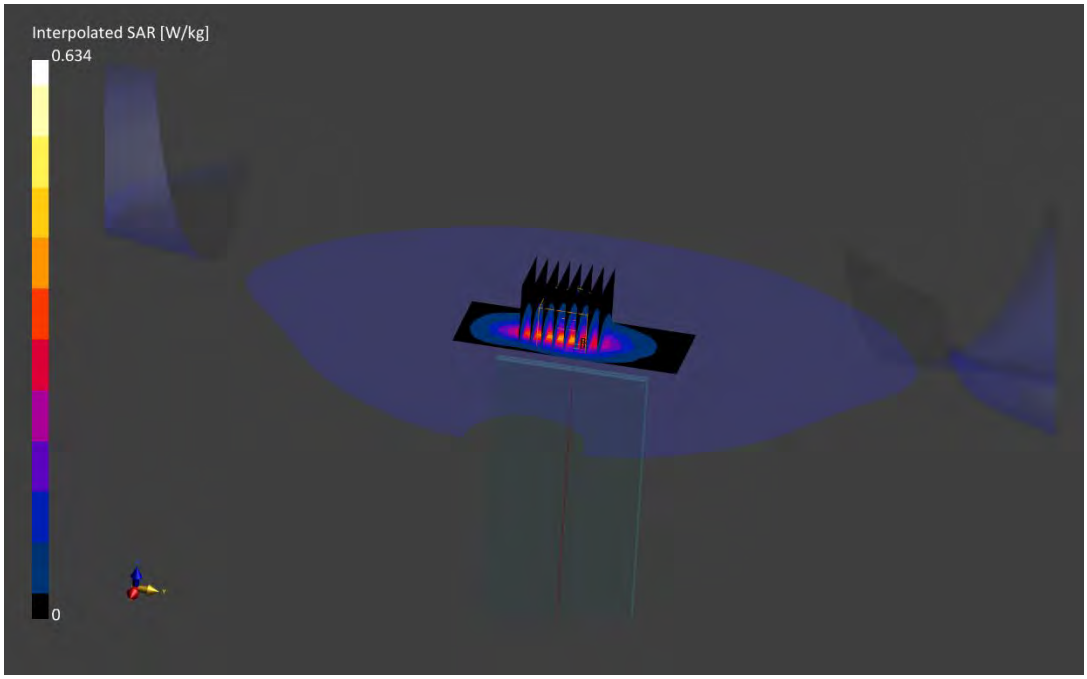
Communication System: UID:10415 - AAA, WLAN; MAIA: Y; Frequency: 2412.0 MHz
Medium: 2450 Body; Medium parameters used:
f = 2412.0 MHz; cond = 1.98 S/m; perm = 51.6; density = 1000 kg/m3
Phantom Section: Flat; Space: 10.00 mm

Test Date: 05/24/2022; Ambient Temp: 20.0°C; Tissue Temp: 21.5°C

Probe: EX3DV4 - SN7570; ConvF:(7.66,7.66,7.66); Calibrated: 2022-01-19
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1558; Calibrated: 2022-01-14
Phantom: Twin-SAM V8.0; Serial: 20063
Measurement SW: DASY Module SAR V16.0.2.136

Mode: IEEE 802.11b, 22 MHz Bandwidth, MIMO, Body SAR, Top Edge, Ch. 1, 1 Mbps

Area Scan (40.0 x 100.0): 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 = 0.30 W/kg; Power Drift = -0.07 dB
Peak SAR (extrapolated) = 0.634 W/kg
SAR(1 g) = 0.300 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 = 78.4 %



ELEMENT

DUT: A3LSMF936U; Type: Portable Handset; Serial: 0374M

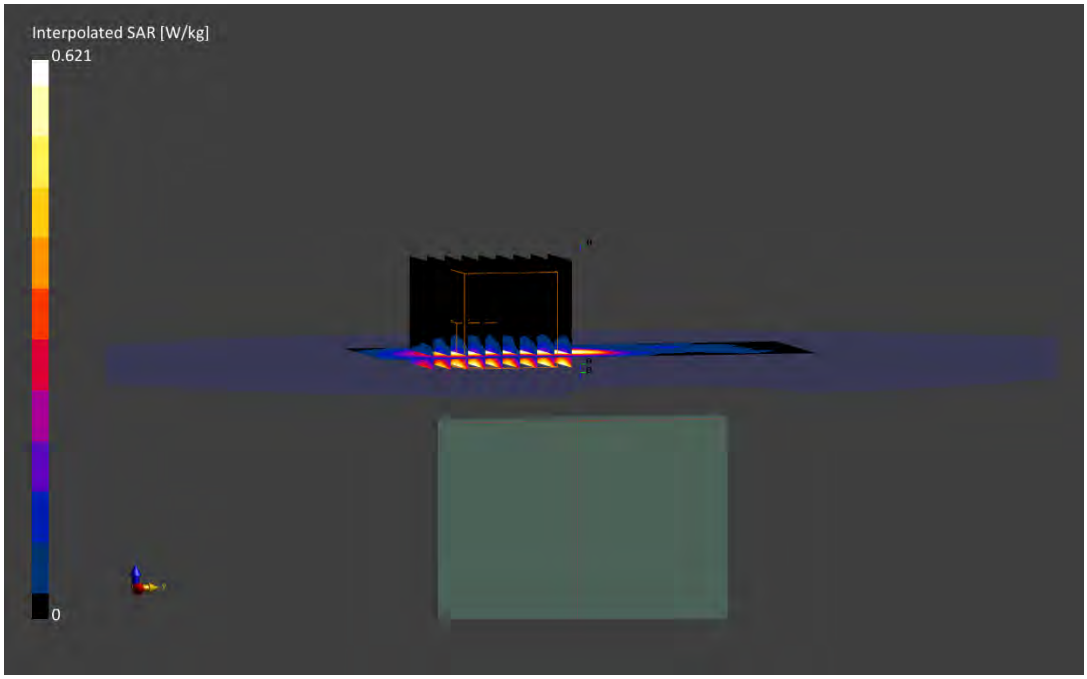
Communication System: UID:10196 - CAD, WLAN; MAIA: Y; Frequency: 5825.0 MHz
Medium: 5200-5800 Body; Medium parameters used:
f = 5825.0 MHz; cond = 6.20 S/m; perm = 46.3; density = 1000 kg/m3
Phantom Section: Flat; Space: 10.00 mm

Test Date: 05/02/2022; Ambient Temp: 22.6°C; Tissue Temp: 21.2°C

Probe: EX3DV4 - SN7527; ConvF:(4.11,4.11,4.11); Calibrated: 2022-03-21
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1272; Calibrated: 2022-03-16
Phantom: Twin-SAM V5.0; Serial: 1757
Measurement SW: DASY Module SAR V16.0.2.136

Mode: IEEE 801.11n, 20 MHz Bandwidth, UNII-3, MIMO, Ch. 165, Body SAR, Top Edge, 13 Mbps

Area Scan (40.0 x 100.0): 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 = 0.14 W/kg; Power Drift = 0.13 dB
Peak SAR (extrapolated) = 0.621 W/kg
SAR(1 g) = 0.151 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 = 57.6 %



ELEMENT

DUT: A3LSMF936U; Type: Portable Handset; Serial: 0417M

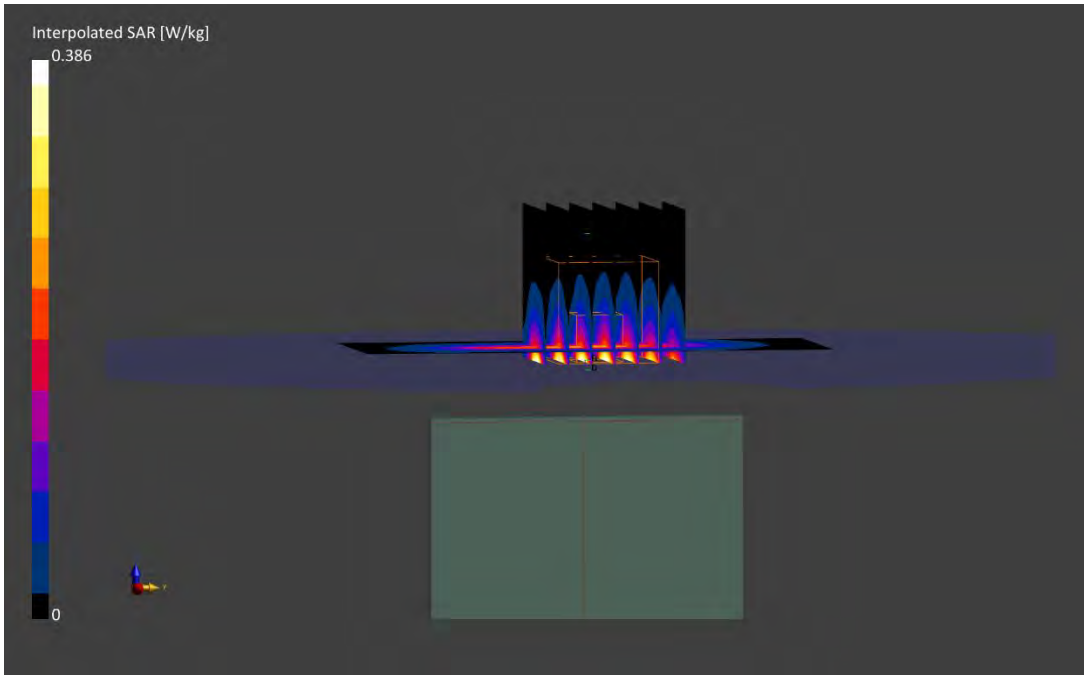
Communication System: UID:10032 - CAA, Bluetooth; MAIA: Y; Frequency: 2441.0 MHz
Medium: 2450 Body; Medium parameters used:
f = 2441.0 MHz; cond = 1.99 S/m; perm = 52.1; density = 1000 kg/m3
Phantom Section: Flat; Space: 10.00 mm

Test Date: 05/21/2022; Ambient Temp: 20.1°C; Tissue Temp: 20.2°C

Probe: EX3DV4 - SN7570; ConvF:(7.66,7.66,7.66); Calibrated: 2022-01-19
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1558; Calibrated: 2022-01-14
Phantom: Twin-SAM V8.0; Serial: 20063
Measurement SW: DASY Module SAR V16.0.2.136

Mode: Bluetooth, Antenna 1, Body SAR, Ch. 39, 1Mbps, Top Edge

Area Scan (40.0 x 100.0): Measurement grid: dx=5.0 mm, dy=10.0 mm
Zoom Scan (30.0 x 30.0 x 30.0): Measurement grid: dx=5.0 mm, dy=5.0 mm, dz=1.5 mm; Graded Ratio: 1.5
Reference Value = 0.19 W/kg; Power Drift = -0.02 dB
Peak SAR (extrapolated) = 0.386 W/kg
SAR(1 g) = 0.184 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 = 79.4 %



ELEMENT

DUT: A3LSMF936U; Type: Portable Handset; Serial: 1328M

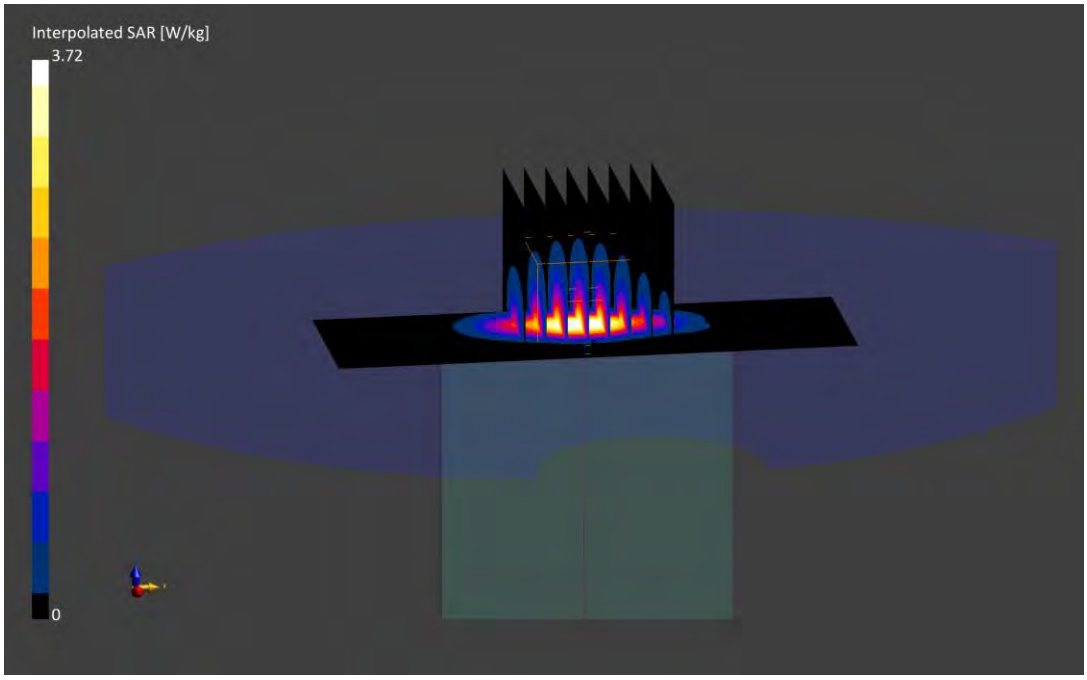
Communication System: UID:10028 - DAC, GSM; MAIA: Y; Frequency: 1850.2 MHz
Medium: 1900 Body; Medium parameters used:
f = 1850.2 MHz; cond = 1.49 S/m; perm = 51.4; density = 1000 kg/m3
Phantom Section: Flat; Space: 0.00 mm

Test Date: 04/26/2022; Ambient Temp: 24.0°C; Tissue Temp: 21.3°C

Probe: EX3DV4 - SN7406; ConvF:(7.66,7.66,7.66); Calibrated: 2021-07-20
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1676; Calibrated: 2021-06-21
Phantom: Twin-SAM V8.0; Serial: 2058
Measurement SW: DASY Module SAR V16.0.2.83

Mode: GPRS 1900, Phablet SAR, Bottom Edge, Low 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=4.9 mm, dy=4.9 mm, dz=1.4 mm; Graded Ratio: 1.4
Reference Value = 1.46 W/kg; Power Drift = 0.04 dB
Peak SAR (extrapolated) = 3.72 W/kg
SAR(10 g) = 0.639 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 = 74.4 %



ELEMENT

DUT: A3LSMF936U; Type: Portable Handset; Serial: 1331M

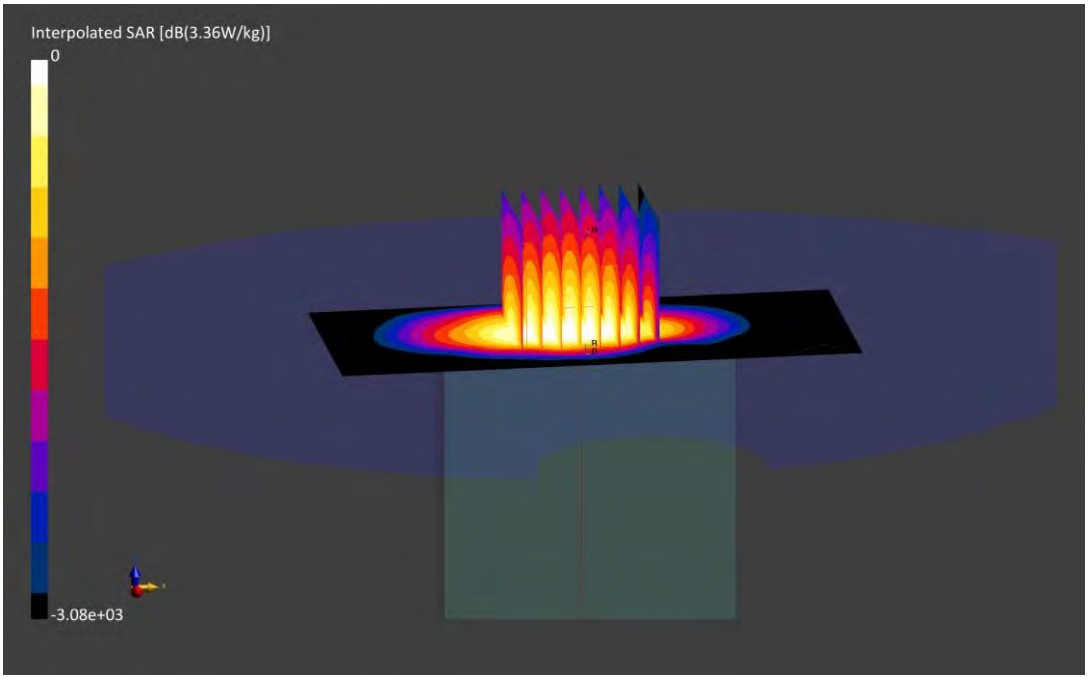
Communication System: UID:10011 - CAB, WCDMA; MAIA: Y; Frequency: 1752.6 MHz
Medium: 1750 Body; Medium parameters used:
f = 1752.6 MHz; cond = 1.50 S/m; perm = 52.6; density = 1000 kg/m3
Phantom Section: Flat; Space: 0.00 mm

Test Date: 05/08/2022; Ambient Temp: 21.5°C; Tissue Temp: 20.5°C

Probe: EX3DV4 - SN7670; ConvF:(8.36,8.36,8.36); Calibrated: 2021-08-05
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1681; Calibrated: 2021-08-03
Phantom: Twin-SAM V8.0; Serial: 1966
Measurement SW: DASY Module SAR V16.0.2.136

Mode: UMTS 1750, Phablet SAR. Bottom Edge, High Ch.

Area Scan (52.0 x 120.0): Measurement grid: dx=13.0 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=1.5 mm; Graded Ratio: 1.5
Reference Value = 3.22 W/kg; Power Drift = 0.03 dB
Peak SAR (extrapolated) = 6.87 W/kg
SAR(10 g) = 1.13 W/kg
Smallest distance from peaks to all points 3 dB below is 5.4 mm
Ratio of SAR at M2 to SAR at M1 = 71.6 %



ELEMENT

DUT: A3LSMF936U; Type: Portable Handset; Serial: 1328M

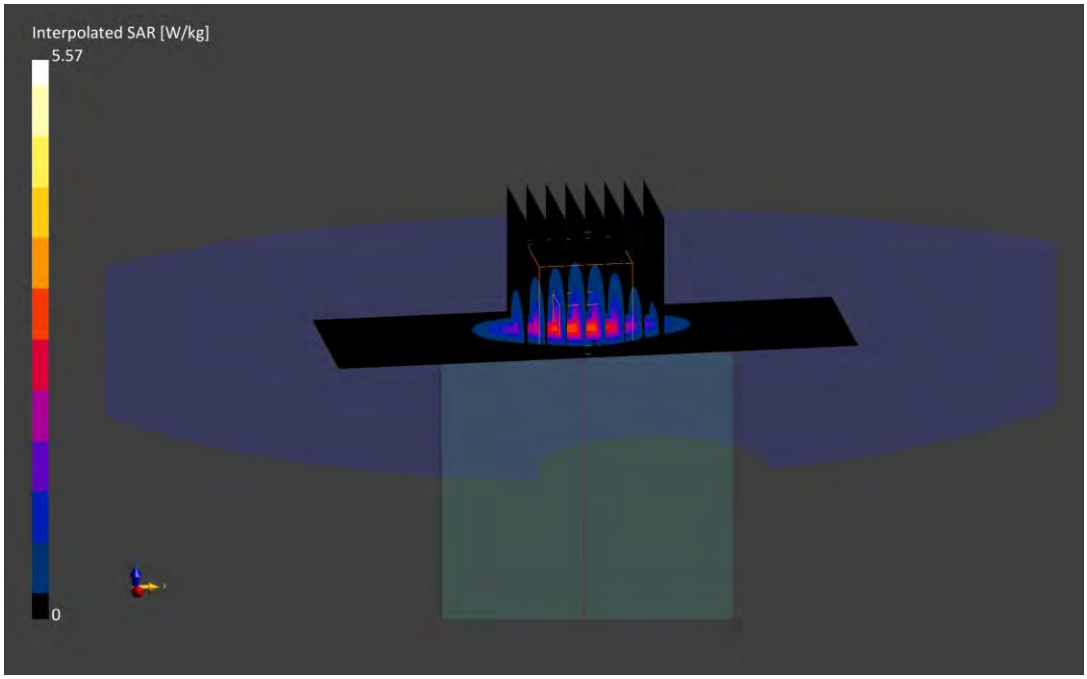
Communication System: UID:10011 - CAB, WCDMA; MAIA: Y; Frequency: 1852.4 MHz
Medium: 1900 Body; Medium parameters used:
f = 1852.4 MHz; cond = 1.50 S/m; perm = 51.4; density = 1000 kg/m3
Phantom Section: Flat; Space: 0.00 mm

Test Date: 04/26/2022; Ambient Temp: 24.0°C; Tissue Temp: 21.3°C

Probe: EX3DV4 - SN7406; ConvF:(7.66,7.66,7.66); Calibrated: 2021-07-20
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1676; Calibrated: 2021-06-21
Phantom: Twin-SAM V8.0; Serial: 2058
Measurement SW: DASY Module SAR V16.0.2.83

Mode: UMTS 1900, Phablet SAR, Bottom Edge, Low 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=4.5 mm, dy=4.5 mm, dz=1.5 mm; Graded Ratio: 1.5
Reference Value = 2.37 W/kg; Power Drift = 0.00 dB
Peak SAR (extrapolated) = 5.57 W/kg
SAR(10 g) = 1.07 W/kg
Smallest distance from peaks to all points 3 dB below is 5.4 mm
Ratio of SAR at M2 to SAR at M1 = 74.6 %



ELEMENT

DUT: A3LSMF936U; Type: Portable Handset; Serial: 1808M

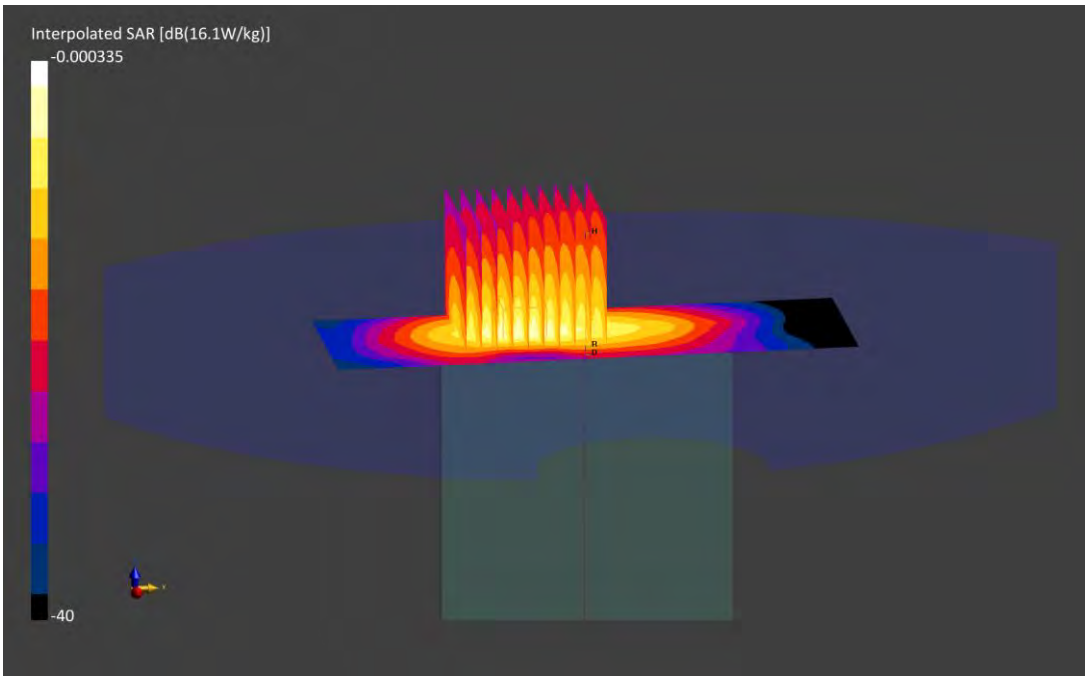
Communication System: UID:10297 - AAD, LTE-FDD; MAIA: Y; Frequency: 1720.0 MHz
Medium: 1750 Body; Medium parameters used:
f = 1720.0 MHz; cond = 1.51 S/m; perm = 51.7; density = 1000 kg/m3
Phantom Section: Flat; Space: 0.00 mm

Test Date: 05/18/2022; Ambient Temp: 21.3°C; Tissue Temp: 21.4°C

Probe: EX3DV4 - SN7670; ConvF:(8.36,8.36,8.36); Calibrated: 2021-08-05
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1681; Calibrated: 2021-08-03
Phantom: Twin-SAM V8.0; Serial: 1966
Measurement SW: DASY Module SAR V16.0.2.136

Mode: LTE Band 66 (AWS), Antenna F, Phablet SAR, Top Edge, Low Ch,
20 MHz Bandwidth, QPSK, 50 RB, 25 RB Offset

Area Scan (40.0 x 120.0): Measurement grid: dx=5.0 mm, dy=15.0 mm
Zoom Scan (30.0 x 30.0 x 30.0): Measurement grid: dx=3.6 mm, dy=3.6 mm, dz=1.5 mm; Graded Ratio: 1.5
Reference Value = 3.99 W/kg; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 17.0 W/kg
SAR(10 g) = 1.63 W/kg
Smallest distance from peaks to all points 3 dB below is 4.6 mm
Ratio of SAR at M2 to SAR at M1 = 62.5 %



ELEMENT

DUT: A3LSMF936U; Type: Portable Handset; Serial: 3596M

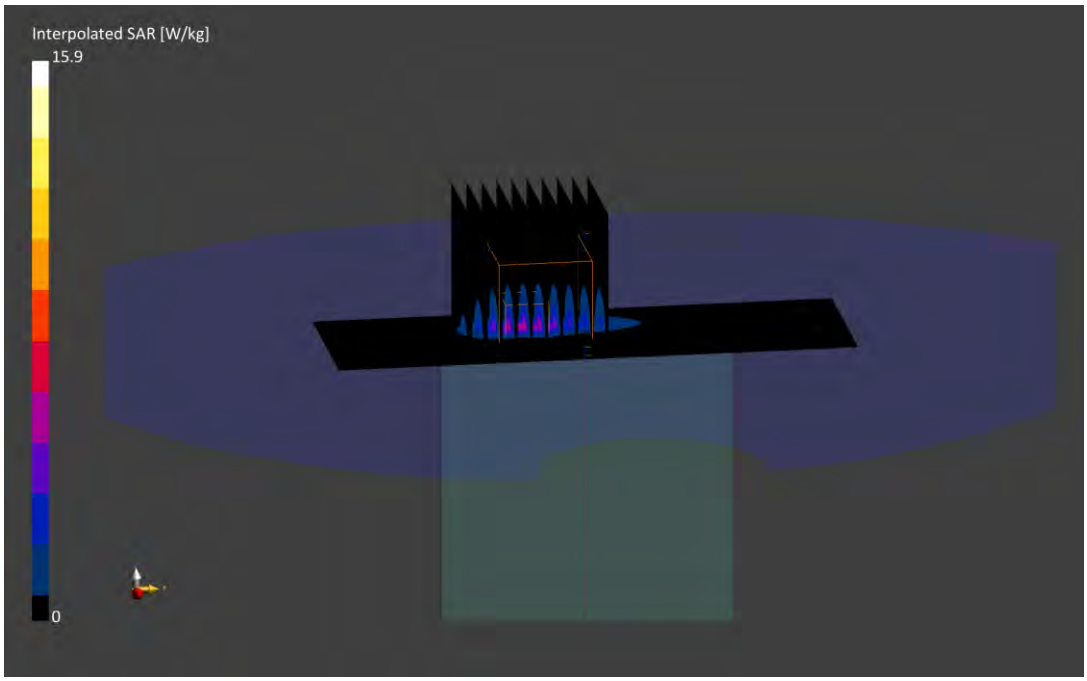
Communication System: UID:10297 - AAD, LTE-FDD; MAIA: Y; Frequency: 1905.0 MHz
Medium: 1900 Body; Medium parameters used:
f = 1905.0 MHz; cond = 1.58 S/m; perm = 51.1; density = 1000 kg/m3
Phantom Section: Flat; Space: 0.00 mm

Test Date: 06/08/2022; Ambient Temp: 23.5°C; Tissue Temp: 22.5°C

Probe: EX3DV4 - SN7538; ConvF:(8.28,8.28,8.28); Calibrated: 2021-11-16
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1323; Calibrated: 2021-11-10
Phantom: Twin-SAM V8.0; Serial: 2056
Measurement SW: DASY Module SAR V16.0.2.83

Mode: LTE Band 25, Antenna F, Phablet SAR, Top Edge, High Ch.,
20 MHz Bandwidth, QPSK, 50 RB, 25 RB Offset

Area Scan (40.0 x 120.0): Measurement grid: dx=5.0 mm, dy=15.0 mm
Zoom Scan (30.0 x 30.0 x 30.0): Measurement grid: dx=3.5 mm, dy=3.5 mm, dz=1.5 mm; Graded Ratio: 1.5
Reference Value = 7.49 W/kg; Power Drift = -0.02 dB
Peak SAR (extrapolated) = 16.0 W/kg
SAR(10 g) = 1.67 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 = 69.7 %



ELEMENT

DUT: A3LSMF936U; Type: Portable Handset; Serial: 1820M

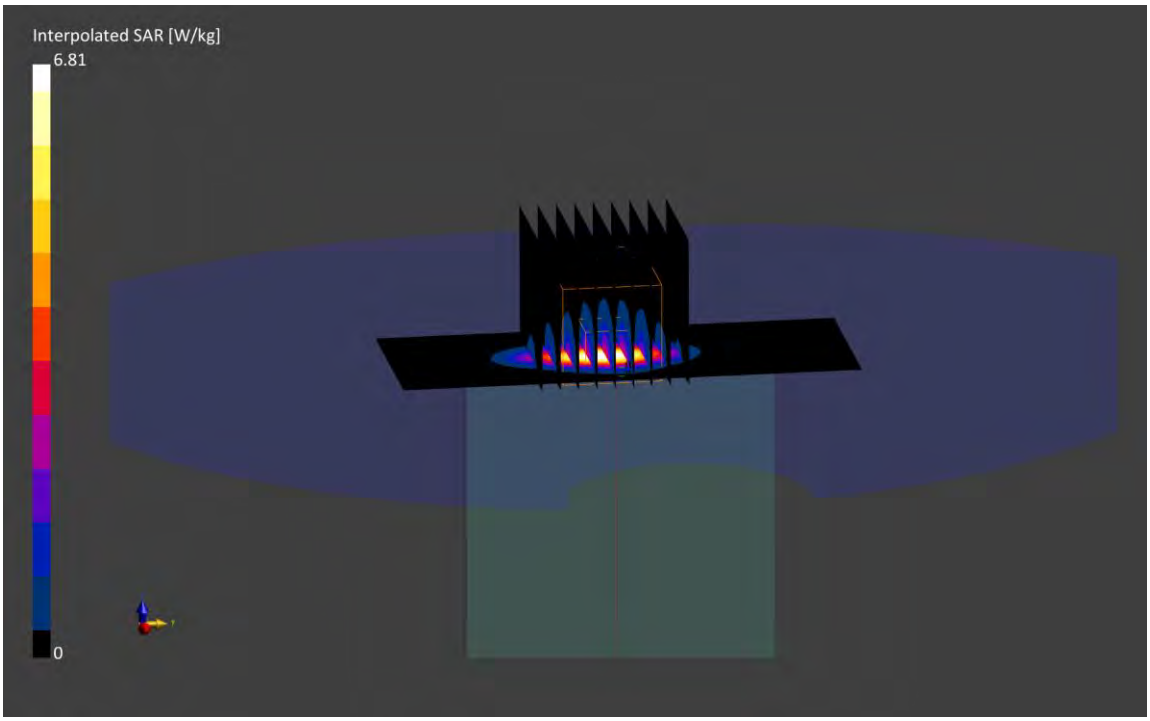
Communication System: UID:10175 - CAG, LTE-FDD; MAIA: Y; Frequency: 2310.0 MHz
Medium: 2450 Body; Medium parameters used:
f = 2310.0 MHz; cond = 1.80 S/m; perm = 51.9; density = 1000 kg/m3
Phantom Section: Flat; Space: 0.00 mm

Test Date: 05/29/2022; Ambient Temp: 21.2°C; Tissue Temp: 21.0°C

Probe: EX3DV4 - SN7409; ConvF:(7.46,7.46,7.46); Calibrated: 2021-06-21
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1334; Calibrated: 2021-06-15
Phantom: Twin-SAM V5.0; Serial: 1759
Measurement SW: DASY Module SAR V16.0.0.116

Mode: LTE Band 30, Antenna B, Phablet SAR, Bottom Edge, Mid Ch.,
10 MHz Bandwidth, QPSK, 1 RB, 0 RB Offset

Area Scan (40.0 x 100.0): Measurement grid: dx=5.0 mm, dy=10.0 mm
Zoom Scan (30.0 x 30.0 x 30.0): Measurement grid: dx=4.0 mm, dy=4.0 mm, dz=1.5 mm; Graded Ratio: 1.5
Reference Value = 2.47 W/kg; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 6.81 W/kg
SAR(10 g) = 0.993 W/kg
Smallest distance from peaks to all points 3 dB below is 5.6 mm
Ratio of SAR at M2 to SAR at M1 = 73.8 %



ELEMENT

DUT: A3LSMF936U; Type: Portable Handset; Serial: 1713M

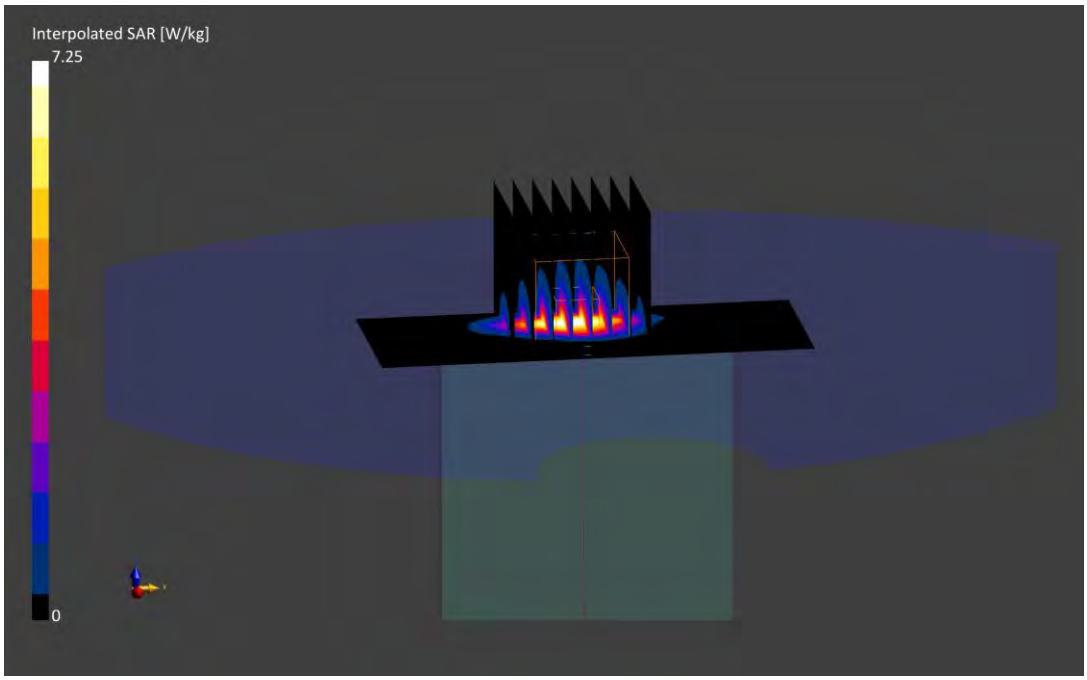
Communication System: UID:10169 - CAE, LTE-FDD; MAIA: Y; Frequency: 2535.0 MHz
Medium: 2450 Body; Medium parameters used:
f = 2535.0 MHz; cond = 2.10 S/m; perm = 50.4; density = 1000 kg/m3
Phantom Section: Flat; Space: 0.00 mm

Test Date: 05/15/2022; Ambient Temp: 20.9°C; Tissue Temp: 23.2°C

Probe: EX3DV4 - SN7552; ConvF:(7.28,7.28,7.28); Calibrated: 2021-09-20
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1680; Calibrated: 2021-08-04
Phantom: Twin-SAM V8.0; Serial: 2065
Measurement SW: DASY Module SAR V16.0.2.83

Mode: LTE Band 7, Antenna B, Phablet SAR, Bottom Edge, Mid Ch.,
20 MHz Bandwidth, QPSK, 1 RB, 50 RB Offset

Area Scan (40.0 x 100.0): Measurement grid: dx=5.0 mm, dy=10.0 mm
Zoom Scan (30.0 x 30.0 x 30.0): Measurement grid: dx=4.5 mm, dy=4.5 mm, dz=1.5 mm; Graded Ratio: 1.5
Reference Value = 6.73 W/kg; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 14.6 W/kg
SAR(10 g) = 1.85 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 = 67.9 %



ELEMENT

DUT: A3LSMF936U; Type: Portable Handset; Serial: 1713M

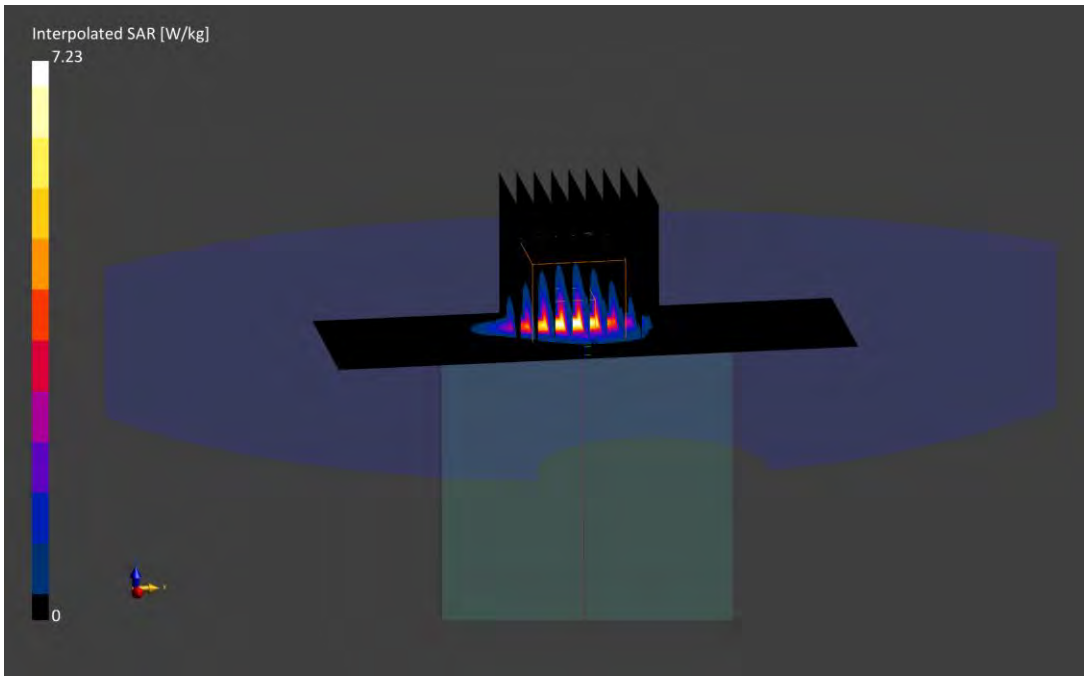
Communication System: UID:10172 - CAG, LTE-TDD; MAIA: Y; Frequency: 2680.0 MHz
Medium: 2450 Body; Medium parameters used:
f = 2680.0 MHz; cond = 2.30 S/m; perm = 49.9; density = 1000 kg/m3
Phantom Section: Flat; Space: 0.00 mm

Test Date: 05/15/2022; Ambient Temp: 20.9°C; Tissue Temp: 23.2°C

Probe: EX3DV4 - SN7552; ConvF:(7.28,7.28,7.28); Calibrated: 2021-09-20
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1680; Calibrated: 2021-08-04
Phantom: Twin-SAM V8.0; Serial: 2065
Measurement SW: DASY Module SAR V16.0.2.83

Mode: LTE Band 41, Antenna B, HPUE, Phablet SAR, Bottom Edge, High Ch., 20 MHz Bandwidth, QPSK, 1 RB, 50 RB Offset

Area Scan (40.0 x 120.0): Measurement grid: dx=5.0 mm, dy=10.0 mm
Zoom Scan (30.0 x 30.0 x 30.0): Measurement grid: dx=4.0 mm, dy=4.0 mm, dz=1.4 mm; Graded Ratio: 1.4
Reference Value = 5.89 W/kg; Power Drift = 0.03 dB
Peak SAR (extrapolated) = 16.1 W/kg
SAR(10 g) = 1.55 W/kg
Smallest distance from peaks to all points 3 dB below is 4.8 mm
Ratio of SAR at M2 to SAR at M1 = 72.6 %



ELEMENT

DUT: A3LSMF936U; Type: Portable Handset; Serial: 1823M

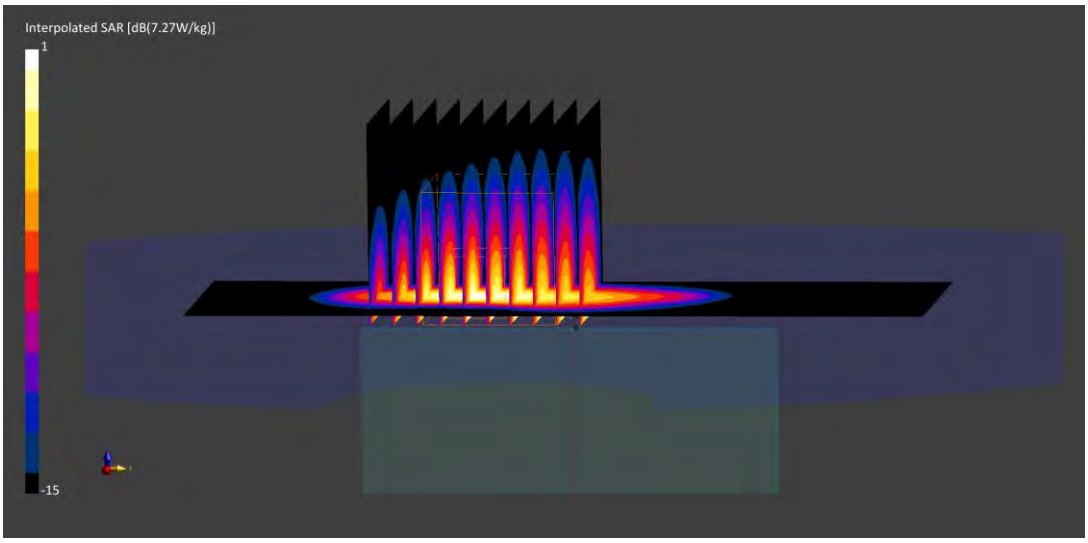
Communication System: UID:10773 - AAD, CW; MAIA: Y; Frequency: 1745.0 MHz
Medium: 1750 Body; Medium parameters used:
f = 1745.0 MHz; cond = 1.52 S/m; perm = 51.7; density = 1000 kg/m3
Phantom Section: Flat; Space: 0.00 mm

Test Date: 05/18/2022; Ambient Temp: 21.3°C; Tissue Temp: 21.4°C

Probe: EX3DV4 - SN7670; ConvF:(8.36,8.36,8.36); Calibrated: 2021-08-05
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1681; Calibrated: 2021-08-03
Phantom: Twin-SAM V8.0; Serial: 1966
Measurement SW: DASY Module SAR V16.0.2.136

Mode: NR Band n66, Antenna F, Phablet SAR, Top Edge, Ch. 349000,
40 MHz Bandwidth, CP-OFDM QPSK, 1 RB, 1 RB Offset

Area Scan (40.0 x 120.0): Measurement grid: dx=5.0 mm, dy=15.0 mm
Zoom Scan (30.0 x 30.0 x 30.0): Measurement grid: dx=3.8 mm, dy=3.8 mm, dz=1.5 mm; Graded Ratio: 1.5
Reference Value = 4.28 W/kg; Power Drift = 0.05 dB
Peak SAR (extrapolated) = 15.0 W/kg
SAR(10 g) = 1.88 W/kg
Smallest distance from peaks to all points 3 dB below is 4.6 mm
Ratio of SAR at M2 to SAR at M1 = 73.3 %



ELEMENT

DUT: A3LSMF936U; Type: Portable Handset; Serial: 3601M

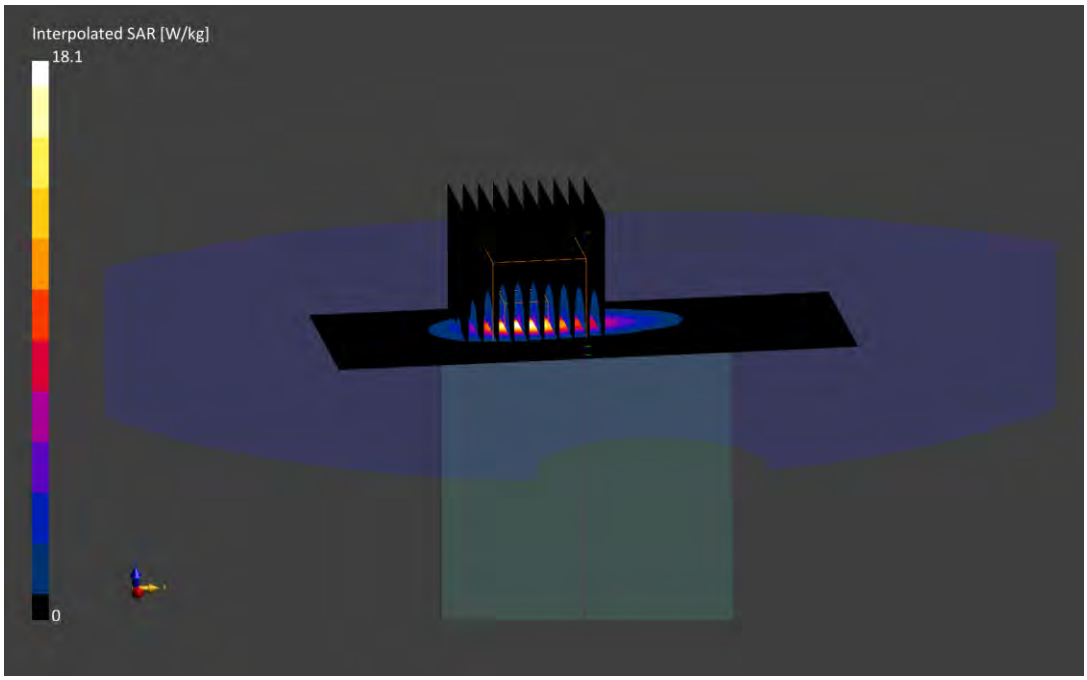
Communication System: UID:10942 - AAC, 5G NR FR1 FDD; MAIA: Y; Frequency: 1882.5 MHz
Medium: 1900 Body; Medium parameters used:
f = 1882.5 MHz; cond = 1.56 S/m; perm = 51.9; density = 1000 kg/m3
Phantom Section: Flat; Space: 0.00 mm

Test Date: 06/06/2022; Ambient Temp: 21.5°C; Tissue Temp: 22.1°C

Probe: EX3DV4 - SN7538; ConvF:(8.28,8.28,8.28); Calibrated: 2021-11-16
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1323; Calibrated: 2021-11-10
Phantom: Twin-SAM V8.0; Serial: 2056
Measurement SW: DASY Module SAR V16.0.2.83

Mode: NR Band n25, Antenna F, Phablet SAR, Top Edge, Ch. 376500,
40 MHz Bandwidth, DFT-s-OFDM QPSK, 108 RB, 108 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=3.5 mm, dy=3.5 mm, dz=1.2 mm; Graded Ratio: 1.2
Reference Value = 7.81 W/kg; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 18.1 W/kg
SAR(10 g) = 1.77 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 = 70.6 %



ELEMENT

DUT: A3LSMF936U; Type: Portable Handset; Serial: 1794M

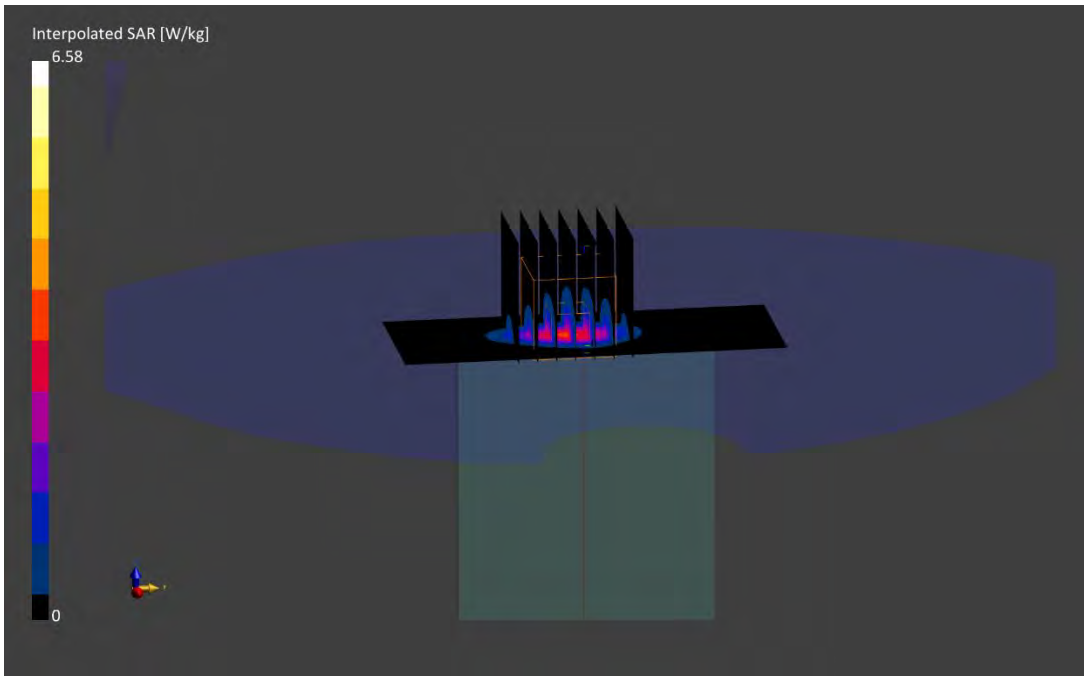
Communication System: UID:10768 - AAD, CW; MAIA: Y; Frequency: 2310.0 MHz
Medium: 2450 Body; Medium parameters used:
f = 2310.0 MHz; cond = 1.80 S/m; perm = 51.9; density = 1000 kg/m3
Phantom Section: Flat; Space: 0.00 mm

Test Date: 05/29/2022; Ambient Temp: 21.2°C; Tissue Temp: 21.0°C

Probe: EX3DV4 - SN7409; ConvF:(7.46,7.46,7.46); Calibrated: 2021-06-21
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1334; Calibrated: 2021-06-15
Phantom: Twin-SAM V5.0; Serial: 1759
Measurement SW: DASY Module SAR V16.0.2.136

Mode: NR Band n30, Antenna B, Phablet SAR, Bottom Edge, Ch. 462000,
10 MHz Bandwidth, CP-OFDM QPSK, 1 RB, 1 RB Offset

Area Scan (40.0 x 100.0): 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 = 2.45 W/kg; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 6.58 W/kg
SAR(10 g) = 1.02 W/kg
Smallest distance from peaks to all points 3 dB below is 6.0 mm
Ratio of SAR at M2 to SAR at M1 = 72.1 %



ELEMENT

DUT: A3LSMF936U; Type: Portable Handset; Serial: 1779M

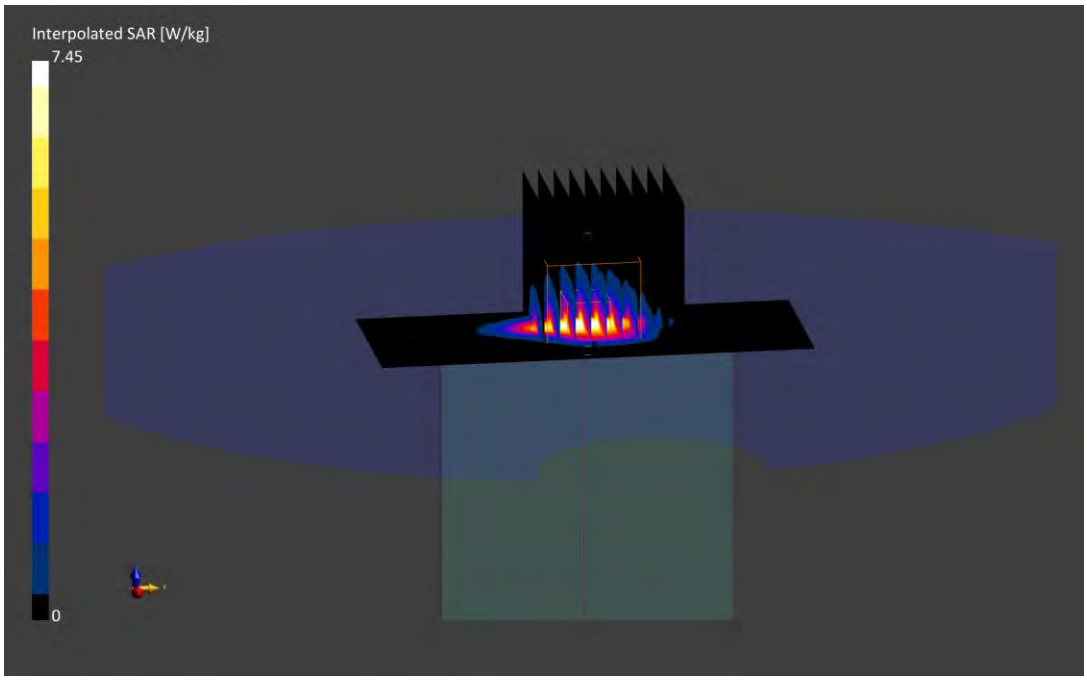
Communication System: UID:10934 - AAC, 5G NR FR1 FDD; MAIA: Y; Frequency: 2535.0 MHz
Medium: 2450 Body; Medium parameters used:
f = 2535.0 MHz; cond = 2.09 S/m; perm = 51.3; density = 1000 kg/m3
Phantom Section: Flat; Space: 0.00 mm

Test Date: 05/29/2022; Ambient Temp: 21.2°C; Tissue Temp: 21.8°C

Probe: EX3DV4 - SN7552; ConvF:(7.28,7.28,7.28); Calibrated: 2021-09-20
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1680; Calibrated: 2021-08-04
Phantom: Twin-SAM V8.0; Serial: 2065
Measurement SW: DASY Module SAR V16.0.2.83

Mode: NR Band n7, Antenna B, Phablet SAR, Bottom Edge, Ch. 507000,
40 MHz Bandwidth, DFT-s-OFDM QPSK, 1 RB, 214 RB Offset

Area Scan (40.0 x 100.0): Measurement grid: dx=5.0 mm, dy=10.0 mm
Zoom Scan (30.0 x 30.0 x 30.0): Measurement grid: dx=3.6 mm, dy=3.6 mm, dz=1.4 mm; Graded Ratio: 1.4
Reference Value = 7.34 W/kg; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 17.4 W/kg
SAR(10 g) = 1.99 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 = 67.7 %



ELEMENT

DUT: A3LSMF936U; Type: Portable Handset; Serial: 1779M

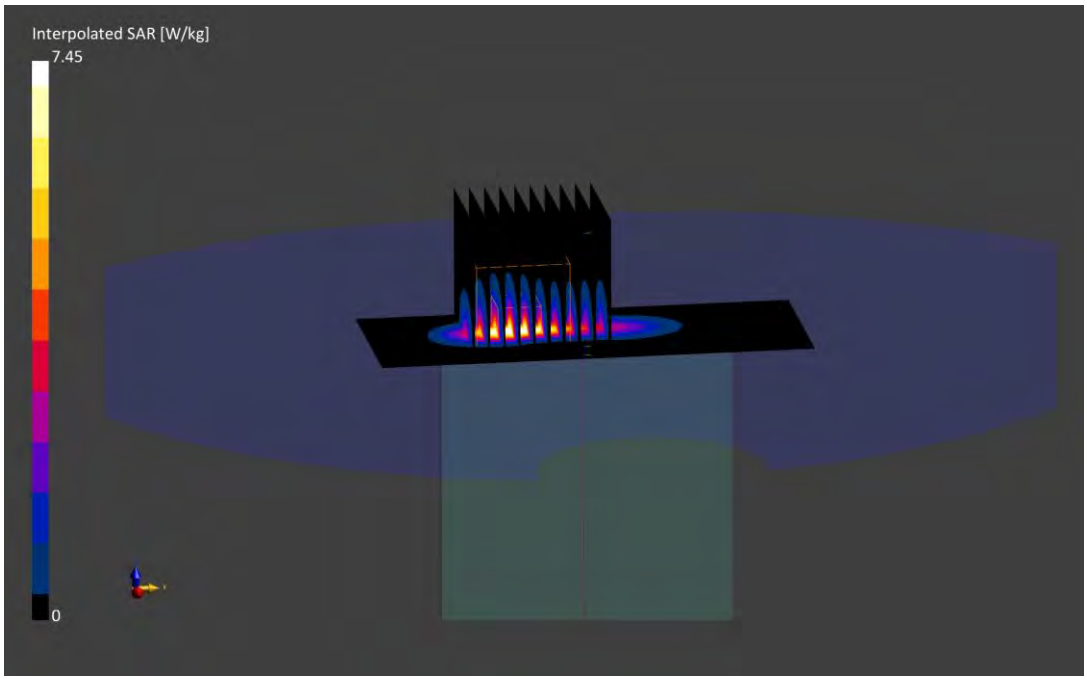
Communication System: UID:10866 - AAD, 5G NR FR1 TDD; MAIA: Y; Frequency: 2593.0 MHz
Medium: 2450 Body; Medium parameters used:
f = 2593.0 MHz; cond = 2.21 S/m; perm = 50.8; density = 1000 kg/m3
Phantom Section: Flat; Space: 0.00 mm

Test Date: 05/22/2022; Ambient Temp: 20.3°C; Tissue Temp: 20.8°C

Probe: EX3DV4 - SN7552; ConvF:(7.28,7.28,7.28); Calibrated: 2021-09-20
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1680; Calibrated: 2021-08-04
Phantom: Twin-SAM V8.0; Serial: 2065
Measurement SW: DASY Module SAR V16.0.2.83

Mode: NR Band n41, Antenna F, Phablet SAR, Top Edge, Ch. 518598,
100 MHz Bandwidth, DFT-s-OFDM QPSK, 1 RB, 1 RB Offset

Area Scan (40.0 x 100.0): Measurement grid: dx=5.0 mm, dy=10.0 mm
Zoom Scan (30.0 x 30.0 x 30.0): Measurement grid: dx=3.5 mm, dy=3.5 mm, dz=1.2 mm; Graded Ratio: 1.2
Reference Value = 6.85 W/kg; Power Drift = 0.05 dB
Peak SAR (extrapolated) = 19.2 W/kg
SAR(10 g) = 1.67 W/kg
Smallest distance from peaks to all points 3 dB below is 4.9 mm
Ratio of SAR at M2 to SAR at M1 = 67.7 %



ELEMENT

DUT: A3LSMF936U; Type: Portable Handset; Serial: 1790M

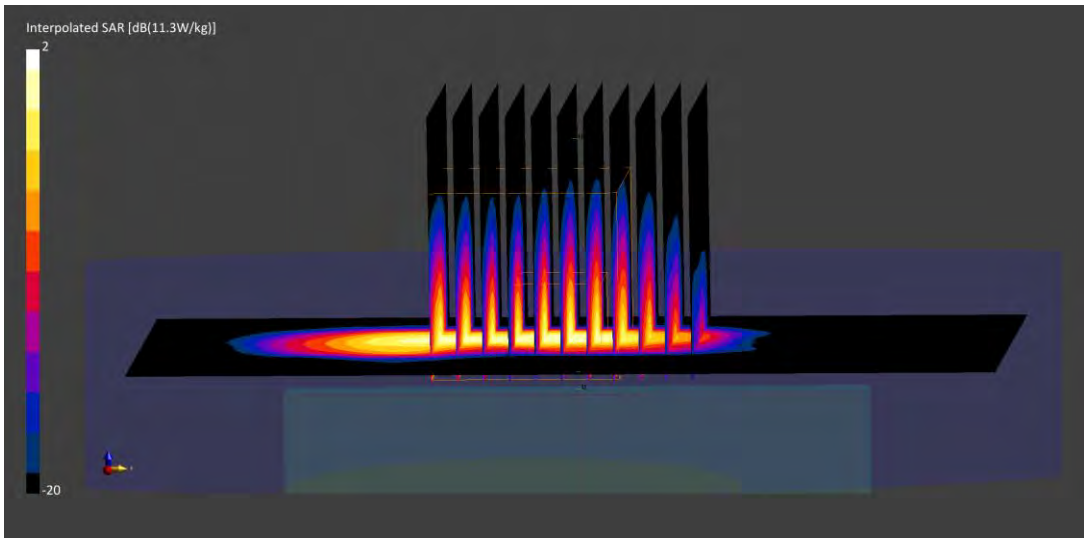
Communication System: UID:10913 - AAB, 5G NR FR1 TDD; MAIA: Y; Frequency: 3570.0 MHz
Medium: 3600 Body; Medium parameters used:
f = 3570.0 MHz; cond = 3.31 S/m; perm = 50.5; density = 1000 kg/m3
Phantom Section: Flat; Space: 0.00 mm

Test Date: 06/19/2022; Ambient Temp: 21.6°C; Tissue Temp: 20.8°C

Probe: EX3DV4 - SN7670; ConvF:(6.52,6.52,6.52); Calibrated: 2021-08-05
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1681; Calibrated: 2021-08-03
Phantom: Twin-SAM V8.0; Serial: 1966
Measurement SW: DASY Module SAR V16.0.2.136

Mode: NR Band n48, Antenna F, Phablet SAR, Top Edge, Ch.638000,
40 MHz Bandwidth, DFT-s-OFDM QPSK, 50 RB, 56 RB Offset

Area Scan (50.0 x 100.0): Measurement grid: dx=5.0 mm, dy=10.0 mm
Zoom Scan (28.0 x 28.0 x 28.0): Measurement grid: dx=3.0 mm, dy=3.0 mm, dz=1.4 mm; Graded Ratio: 1.5
Reference Value = 6.00 W/kg; Power Drift = 0.05 dB
Peak SAR (extrapolated) = 25.3 W/kg
SAR(10 g) = 1.88 W/kg
Smallest distance from peaks to all points 3 dB below is 4.2 mm
Ratio of SAR at M2 to SAR at M1 = 71.3 %



ELEMENT

DUT: A3LSMF936U; Type: Portable Handset; Serial: 1829M

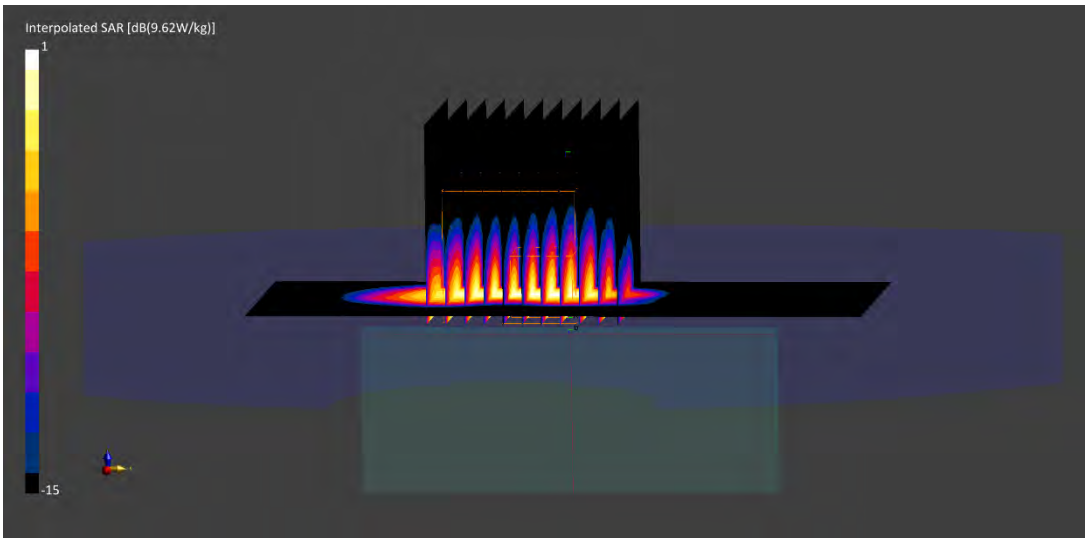
Communication System: UID:10803 - AAD, 5G NR FR1 TDD; MAIA: Y; Frequency: 3500.0 MHz
Medium: 3600 Body; Medium parameters used:
f = 3500.0 MHz; cond = 3.18 S/m; perm = 49.4; density = 1000 kg/m3
Phantom Section: Flat; Space: 0.00 mm

Test Date: 05/26/2022; Ambient Temp: 21.5°C; Tissue Temp: 21.0°C

Probe: EX3DV4 - SN7661; ConvF:(6.7,6.7,6.7); Calibrated: 2021-06-28
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1450; Calibrated: 2021-08-16
Phantom: Twin-SAM V5.0; Serial: 1692rightback
Measurement SW: DASY Module SAR V16.0.2.136

Mode: NR Band n77 DoD, Antenna F, Phablet SAR, Top Edge, Ch. 633334,
100 MHz Bandwidth, CP-OFDM QPSK, 1 RB, 1 RB Offset

Area Scan (40.0 x 100.0): Measurement grid: dx=5.0 mm, dy=10.0 mm
Zoom Scan (28.0 x 28.0 x 28.0): Measurement grid: dx=3.1 mm, dy=3.1 mm, dz=1.2 mm; Graded Ratio: 1.2
Reference Value = 3.73 W/kg; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 23.2 W/kg
SAR(10 g) = 1.89 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 = 69.1 %



ELEMENT

DUT: A3LSMF936U; Type: Portable Handset; Serial: 1829M

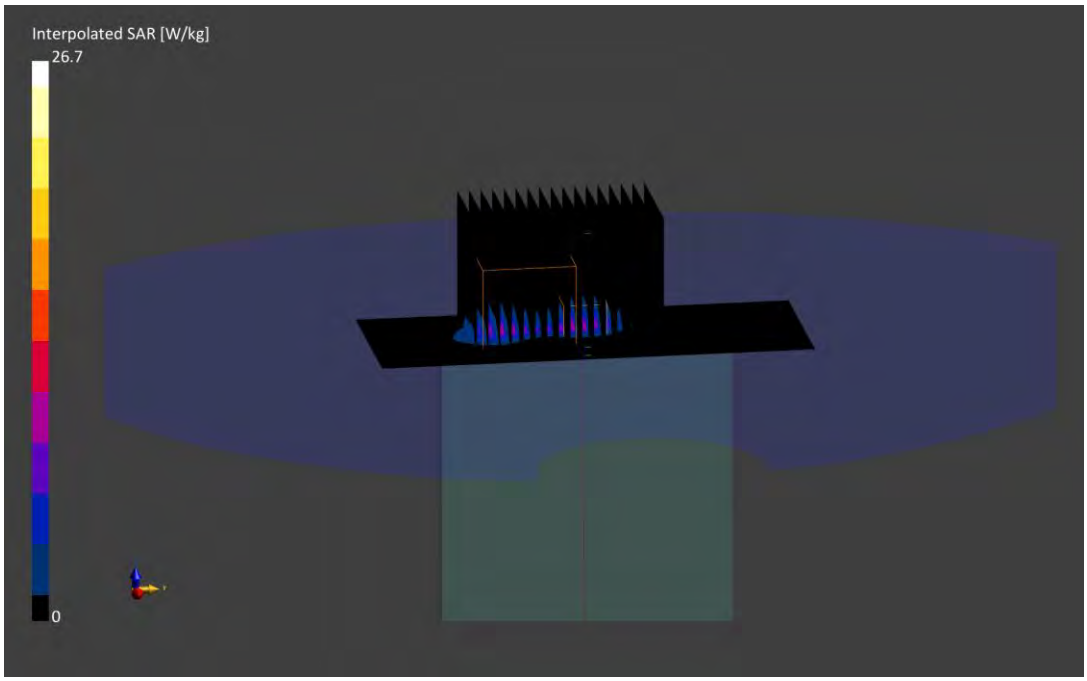
Communication System: UID:10866 - AAD, 5G NR FR1 TDD; MAIA: Y; Frequency: 3930.0 MHz
Medium: 3600 Body; Medium parameters used:
f = 3930.0 MHz; cond = 3.71 S/m; perm = 50.2; density = 1000 kg/m3
Phantom Section: Flat; Space: 0.00 mm

Test Date: 05/23/2022; Ambient Temp: 20.9°C; Tissue Temp: 20.5°C

Probe: EX3DV4 - SN7661; ConvF:(6.51,6.51,6.51); Calibrated: 2021-06-28
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1450; Calibrated: 2021-08-16
Phantom: Twin-SAM V5.0; Serial: 1692rightback
Measurement SW: DASY Module SAR V16.0.2.136

Mode: NR Band n77 C-Band, Antenna F, Phablet SAR, Top Edge, Ch. 662000, 100 MHz Bandwidth, DFT-s-OFDM QPSK, 1 RB, 137 RB Offset

Area Scan (40.0 x 100.0): Measurement grid: dx=5.0 mm, dy=10.0 mm
Zoom Scan (28.0 x 28.0 x 28.0): Measurement grid: dx=2.7 mm, dy=2.7 mm, dz=1.2 mm; Graded Ratio: 1.2
Reference Value = 3.83 W/kg; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 28.4 W/kg
SAR(10 g) = 1.88 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 = 72.3 %



ELEMENT

DUT: A3LSMF936U; Type: Portable Handset; Serial: 0374M

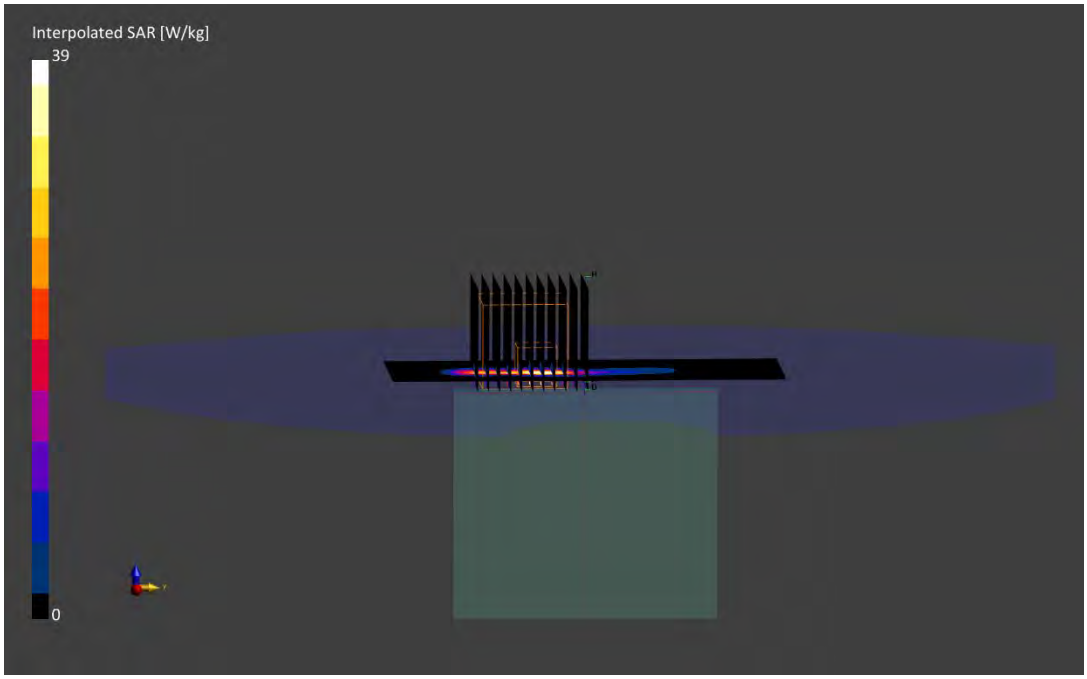
Communication System: UID:10196 - CAD, WLAN; MAIA: N/A; Frequency: 5845.0 MHz
Medium: 5200-5800 Body; Medium parameters used:
f = 5845.0 MHz; cond = 6.22 S/m; perm = 46.2; density = 1000 kg/m3
Phantom Section: Flat; Space: 0.00 mm

Test Date: 05/02/2022; Ambient Temp: 22.6°C; Tissue Temp: 21.2°C

Probe: EX3DV4 - SN7527; ConvF:(4.11,4.11,4.11); Calibrated: 2022-03-21
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1272; Calibrated: 2022-03-16
Phantom: Twin-SAM V5.0; Serial: 1757
Measurement SW: DASY Module SAR V16.0.0.116

Mode: IEEE 801.11n, 20 MHz Bandwidth, UNII-4, MIMO, Ch. 169, Phablet SAR, Top Edge, 13 Mbps

Area Scan (40.0 x 100.0): Measurement grid: dx=5.0 mm, dy=10.0 mm
Zoom Scan (22.0 x 22.0 x 22.0): Measurement grid: dx=2.8 mm, dy=2.8 mm, dz=1.2 mm; Graded Ratio: 1.2
Reference Value = 6.41 W/kg; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 39.0 W/kg
SAR(10 g) = 1.34 W/kg
Smallest distance from peaks to all points 3 dB below is 3.4 mm
Ratio of SAR at M2 to SAR at M1 = 58.5 %



ELEMENT

DUT: A3LSMF936U; Type: Portable Handset; Serial: 1929M

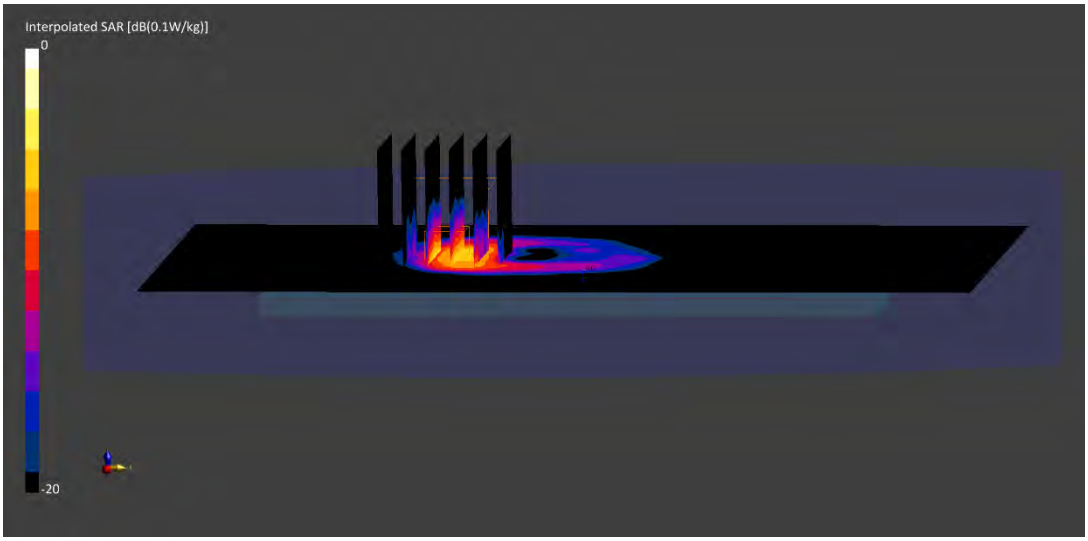
Communication System: UID:0 - -, CW; MAIA: Y; Frequency: 13.6 MHz
Medium: 30 Head; Medium parameters used:
f = 13.6 MHz; cond = 0.762 S/m; perm = 52.7; density = 1000 kg/m3
Phantom Section: Flat; Space: 0.00 mm

Test Date: 06/09/2022; Ambient Temp: 24.0°C; Tissue Temp: 21.9°C

Probe: EX3DV4 - SN7527; ConvF:(17.78,17.78,17.78); Calibrated: 2022-03-21
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1272; Calibrated: 2022-03-16
Phantom: ELI V8.0; Serial: 2077
Measurement SW: DASY Module SAR V16.0.2.136

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=6.0 mm, dy=6.0 mm, dz=1.5 mm; Graded Ratio: 1.5
Reference Value = 0.03 W/kg; Power Drift = -0.07 dB
Peak SAR (extrapolated) = 0.106 W/kg
SAR(10 g) = 0.009 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 = 53.5 %



ELEMENT

DUT: A3LSMF936U; Type: Portable Handset; Serial: 1792M

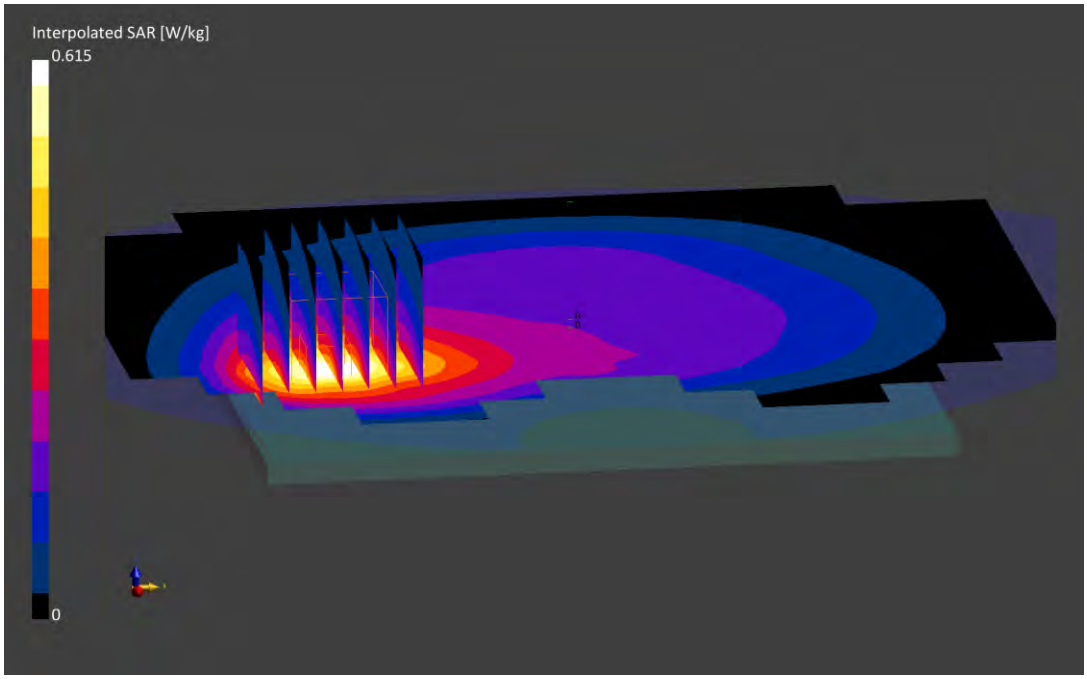
Communication System: UID:10027 - DAC, GSM; MAIA: Y; Frequency: 836.6 MHz
Medium: 835 Body; Medium parameters used:
f = 836.6 MHz; cond = 0.966 S/m; perm = 53.5; density = 1000 kg/m3
Phantom Section: Flat; Space: 1.0 cm

Test Date: 05/22/2022; Ambient Temp: 20.9°C; Tissue Temp: 21.3°C

Probe: EX3DV4 - SN7640; ConvF:(10.66,10.66,10.66); Calibrated: 2022-02-24
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1645; Calibrated: 2022-02-21
Phantom: Twin-SAM V5.0; Serial: 1868
Measurement SW: DASY Module SAR V16.0.2.136

Mode: GPRS 850, Antenna A+B, UMPC Body SAR, Front Side, Mid Ch., 3 Tx Slots

Area Scan (180.0 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 = -0.07 dB
Peak SAR (extrapolated) = 0.615 W/kg
SAR(1 g) = 0.378 W/kg;
Smallest distance from peaks to all points 3 dB below is 19.5 mm
Ratio of SAR at M2 to SAR at M1 = 86.7 %



ELEMENT

DUT: A3LSMF936U; Type: Portable Handset; Serial: 1317M

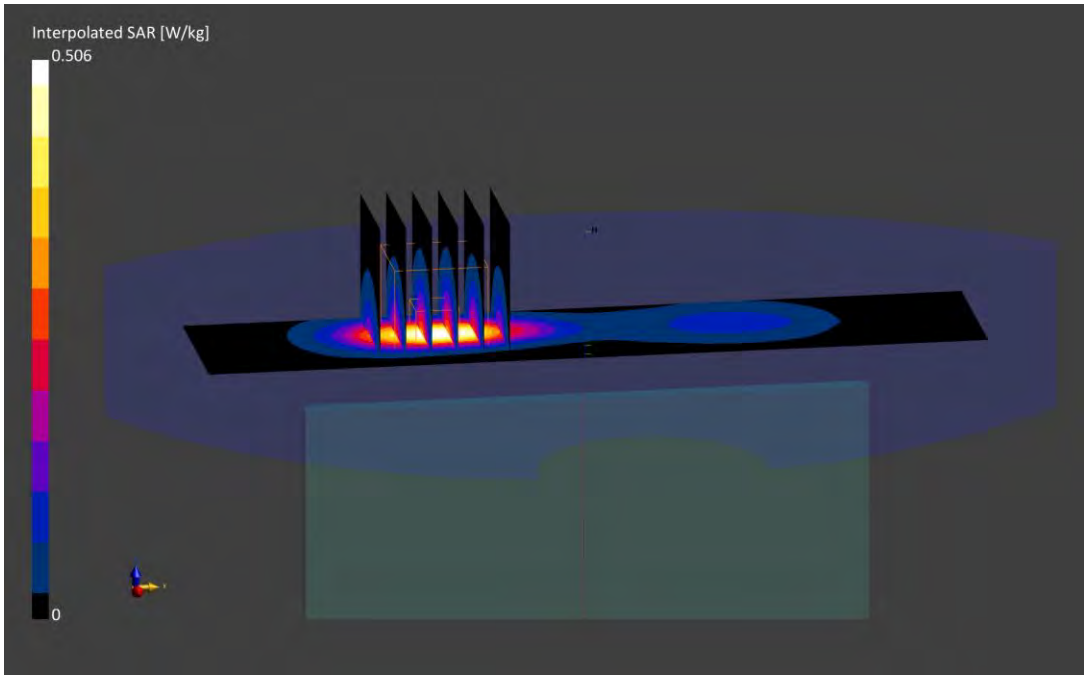
Communication System: UID:10028 - DAC, GSM; MAIA: Y; Frequency: 1850.2 MHz
Medium: 1900 Body; Medium parameters used:
f = 1850.2 MHz; cond = 1.51 S/m; perm = 52.2; density = 1000 kg/m3
Phantom Section: Flat; Space: 10.00 mm

Test Date: 05/08/2022; Ambient Temp: 22.1°C; Tissue Temp: 20.9°C

Probe: EX3DV4 - SN7406; ConvF:(7.66,7.66,7.66); Calibrated: 2021-07-20
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1676; Calibrated: 2021-06-21
Phantom: Twin-SAM V8.0; Serial: 2058
Measurement SW: DASY Module SAR V16.0.2.83

Mode: GPRS 1900, UMPC Body SAR, Bottom Edge, Low Ch., 4 Tx Slots

Area Scan (40.0 x 180.0): Measurement grid: dx=5.0 mm, dy=15.0 mm
Zoom Scan (30.0 x 30.0 x 30.0): Measurement grid: dx=6.0 mm, dy=6.0 mm, dz=1.5 mm; Graded Ratio: 1.5
Reference Value = 0.28 W/kg; Power Drift = -0.03 dB
Peak SAR (extrapolated) = 0.506 W/kg
SAR(1 g) = 0.275 W/kg
Smallest distance from peaks to all points 3 dB below is 7.6 mm
Ratio of SAR at M2 to SAR at M1 = 84.5 %



ELEMENT

DUT: A3LSMF936U; Type: Portable Handset; Serial: 1792M

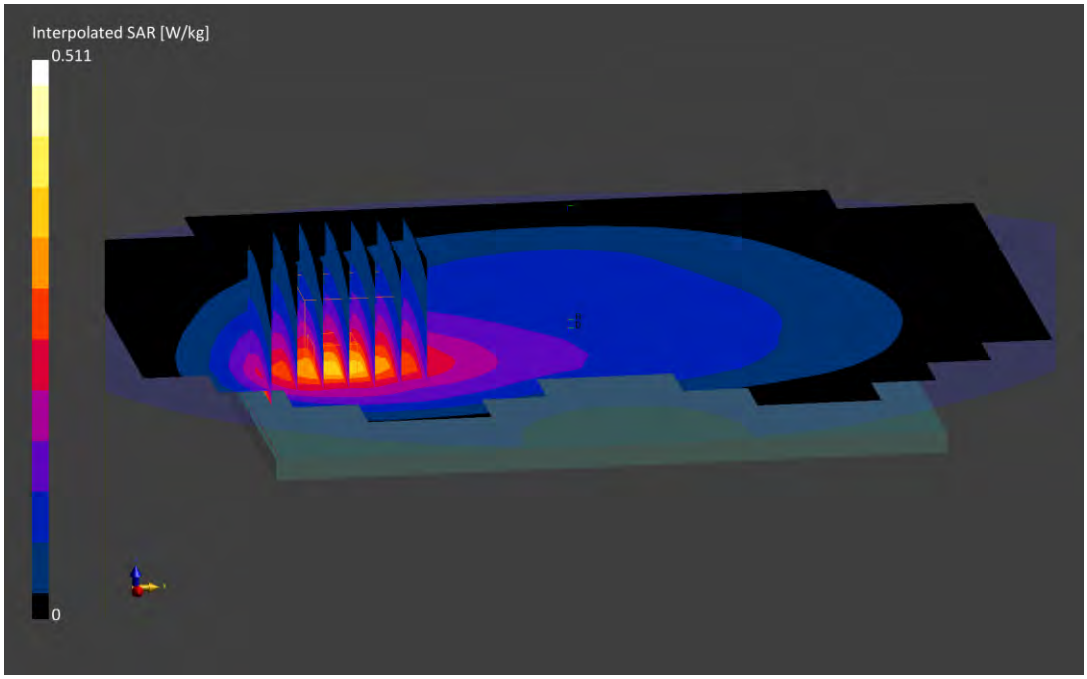
Communication System: UID:10011 - CAB, WCDMA; MAIA: Y; Frequency: 826.4 MHz
Medium: 835 Body; Medium parameters used:
f = 826.4 MHz; cond = 0.960 S/m; perm = 53.1; density = 1000 kg/m3
Phantom Section: Flat; Space: 1.0 cm

Test Date: 05/24/2022; Ambient Temp: 21.1°C; Tissue Temp: 21.3°C

Probe: EX3DV4 - SN7640; ConvF:(10.66,10.66,10.66); Calibrated: 2022-02-24
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1645; Calibrated: 2022-02-21
Phantom: Twin-SAM V5.0; Serial: 1868
Measurement SW: DASY Module SAR V16.0.2.136

Mode: UMTS 850, Antenna A+B, UMPC Body SAR, Front Side, Low Ch.

Area Scan (180.0 x 210.0): Measurement grid: dx=15.0 mm, dy=15.0 mm
Zoom Scan (30.0 x 30.0 x 30.0): Measurement grid: dx=6.0 mm, dy=6.0 mm, dz=1.5 mm; Graded Ratio: 1.5
Reference Value = 0.31 W/kg; Power Drift = 0.00 dB
Peak SAR (extrapolated) = 0.511 W/kg
SAR(1 g) = 0.315 W/kg
Smallest distance from peaks to all points 3 dB below is 19.0 mm
Ratio of SAR at M2 to SAR at M1 = 86.2 %



ELEMENT

DUT: A3LSMF936U; Type: Portable Handset; Serial: 1331M

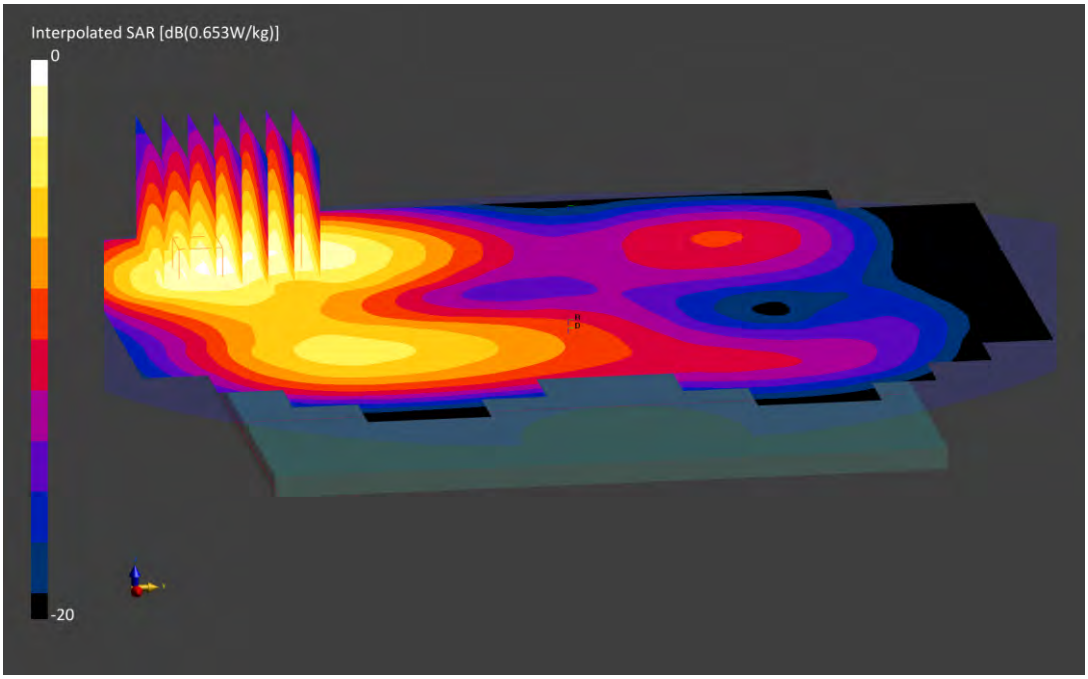
Communication System: UID:10011 - CAB, WCDMA; MAIA: Y; Frequency: 1712.4 MHz
Medium: 1750 Body; Medium parameters used:
f = 1712.4 MHz; cond = 1.47 S/m; perm = 52.6; density = 1000 kg/m3
Phantom Section: Flat; Space: 14.00 mm

Test Date: 05/08/2022; Ambient Temp: 21.5°C; Tissue Temp: 20.5°C

Probe: EX3DV4 - SN7670; ConvF:(8.36,8.36,8.36); Calibrated: 2021-08-05
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1681; Calibrated: 2021-08-03
Phantom: Twin-SAM V8.0; Serial: 1966
Measurement SW: DASY Module SAR V16.0.2.136

Mode: UMTS 1750, UMPC Body SAR, Back Side, Low Ch.

Area Scan (180.0 x 210.0): Measurement grid: dx=15.0 mm, dy=15.0 mm
Zoom Scan (30.0 x 30.0 x 30.0): Measurement grid: dx=6.0 mm, dy=6.0 mm, dz=1.5 mm; Graded Ratio: 1.5
Reference Value = 0.04 W/kg; Power Drift = -0.10 dB
Peak SAR (extrapolated) = 0.679 W/kg
SAR(1 g) = 0.412 W/kg
Smallest distance from peaks to all points 3 dB below is 11.3 mm
Ratio of SAR at M2 to SAR at M1 = 85.5 %



ELEMENT

DUT: A3LSMF936U; Type: Portable Handset; Serial: 1787M

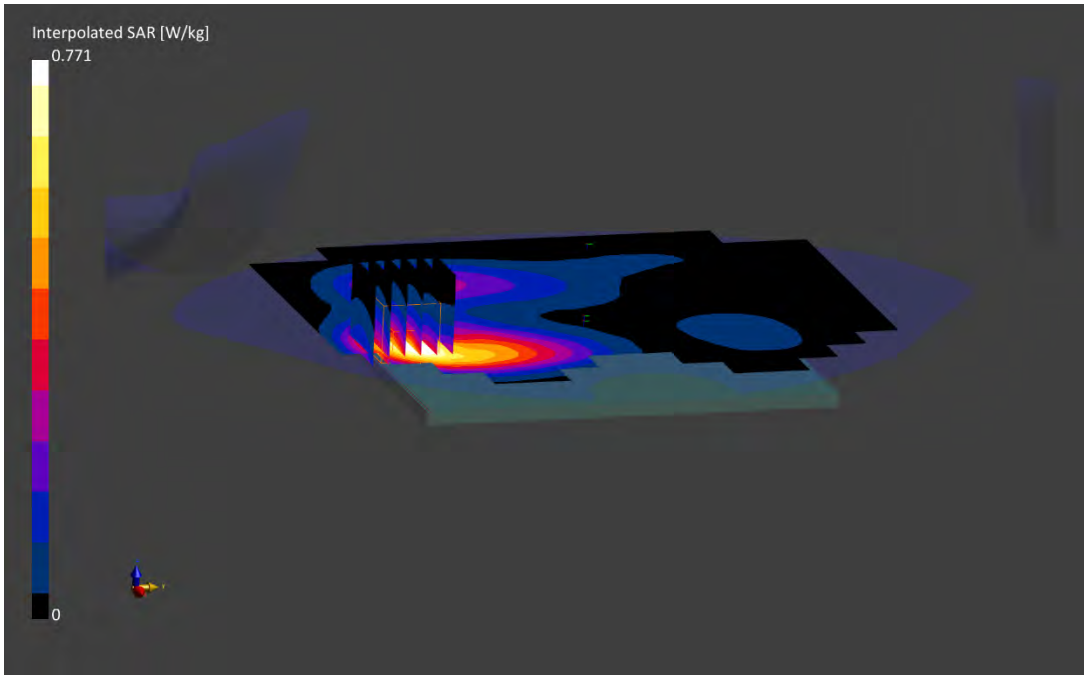
Communication System: UID:10011 - CAB, WCDMA; MAIA: Y; Frequency: 1880.0 MHz
Medium: 1900 Body; Medium parameters used:
f = 1880.0 MHz; cond = 1.55 S/m; perm = 52.1; density = 1000 kg/m3
Phantom Section: Flat; Space: 12.00 mm

Test Date: 05/08/2022; Ambient Temp: 22.1°C; Tissue Temp: 20.9°C

Probe: EX3DV4 - SN7406; ConvF:(7.66,7.66,7.66); Calibrated: 2021-07-20
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1676; Calibrated: 2021-06-21
Phantom: Twin-SAM V8.0; Serial: 2058
Measurement SW: DASY Module SAR V16.0.2.83

Mode: UMTS 1900, UMPC Body SAR, Front Side, Mid Ch.

Area Scan (180.0 x 210.0): Measurement grid: dx=15.0 mm, dy=15.0 mm
Zoom Scan (30.0 x 30.0 x 30.0): Measurement grid: dx=6.0 mm, dy=6.0 mm, dz=1.5 mm; Graded Ratio: 1.5
Reference Value = 0.45 W/kg; Power Drift = 0.03 dB
Peak SAR (extrapolated) = 0.771 W/kg
SAR(1 g) = 0.463 W/kg
Smallest distance from peaks to all points 3 dB below is 11.4 mm
Ratio of SAR at M2 to SAR at M1 = 85.4 %



ELEMENT

DUT: A3LSMF936U; Type: Portable Handset; Serial: 1798M

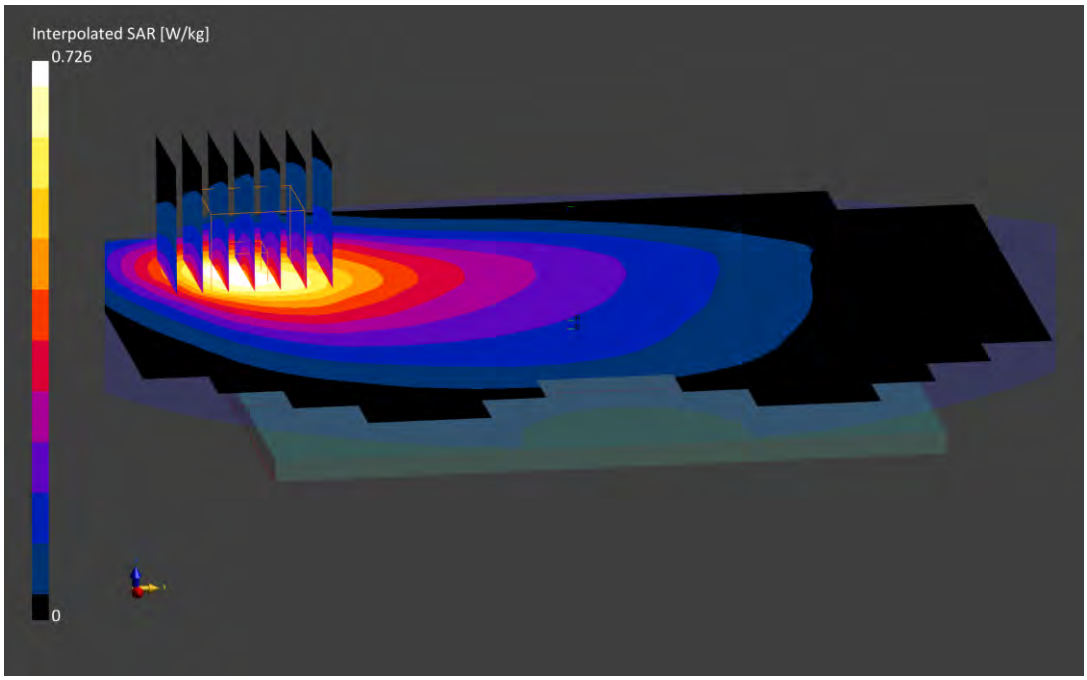
Communication System: UID:10169 - CAE, LTE-FDD; MAIA: Y; Frequency: 680.5 MHz
Medium: 750 Body; Medium parameters used:
f = 680.5 MHz; cond = 0.948 S/m; perm = 54.7; density = 1000 kg/m3
Phantom Section: Flat; Space: 10.00 mm

Test Date: 05/02/2022; Ambient Temp: 22.0°C; Tissue Temp: 22.6°C

Probe: EX3DV4 - SN7565; ConvF:(9.78,9.78,9.78); Calibrated: 2021-11-15
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1466; Calibrated: 2021-11-11
Phantom: Twin-SAM V8.0; Serial: 1934
Measurement SW: DASY Module SAR V16.0.2.136

Mode: LTE Band 71, Antenna A+B, UMPC Body SAR, Back Side, Mid Ch., 20 MHz Bandwidth, QPSK, 1 RB, 0 RB Offset

Area Scan (180.0 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 = -0.01 dB
Peak SAR (extrapolated) = 0.726 W/kg
SAR(1 g) = 0.401 W/kg
Smallest distance from peaks to all points 3 dB below is 13.4 mm
Ratio of SAR at M2 to SAR at M1 = 82.8 %



ELEMENT

DUT: A3LSMF936U; Type: Portable Handset; Serial: 1798M

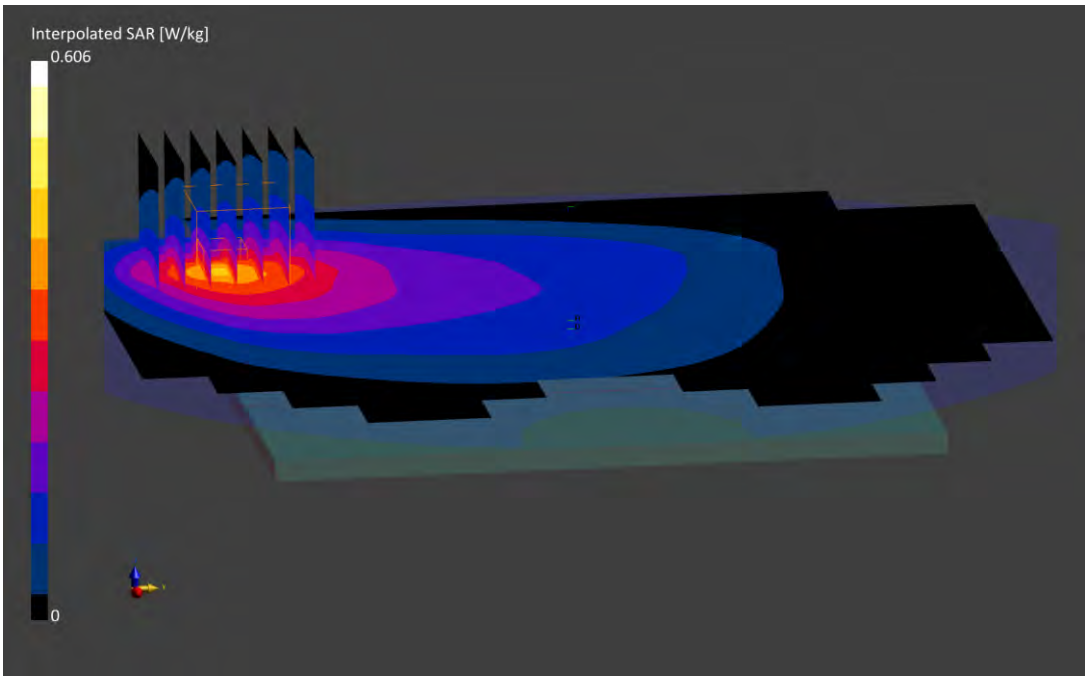
Communication System: UID:10175 - CAG, LTE-FDD; MAIA: Y; Frequency: 707.5 MHz
Medium: 750 Body; Medium parameters used:
f = 707.5 MHz; cond = 0.947 S/m; perm = 54.9; density = 1000 kg/m3
Phantom Section: Flat; Space: 10.00 mm

Test Date: 05/04/2022; Ambient Temp: 21.9°C; Tissue Temp: 21.4°C

Probe: EX3DV4 - SN7565; ConvF:(9.78,9.78,9.78); Calibrated: 2021-11-15
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1466; Calibrated: 2021-11-11
Phantom: Twin-SAM V8.0; Serial: 1934
Measurement SW: DASY Module SAR V16.0.2.136

Mode: LTE Band 12, Antenna A+B, UMPC Body SAR, Back Side, Mid Ch., 10 MHz Bandwidth, QPSK, 1 RB, 25 RB Offset

Area Scan (180.0 x 210.0): Measurement grid: dx=15.0 mm, dy=15.0 mm
Zoom Scan (30.0 x 30.0 x 30.0): Measurement grid: dx=6.0 mm, dy=6.0 mm, dz=1.5 mm; Graded Ratio: 1.5
Reference Value = 0.34 W/kg; Power Drift = 0.00 dB
Peak SAR (extrapolated) = 0.606 W/kg
SAR(1 g) = 0.349 W/kg
Smallest distance from peaks to all points 3 dB below is 14.8 mm
Ratio of SAR at M2 to SAR at M1 = 81.9 %



ELEMENT

DUT: A3LSMF936U; Type: Portable Handset; Serial: 1798M

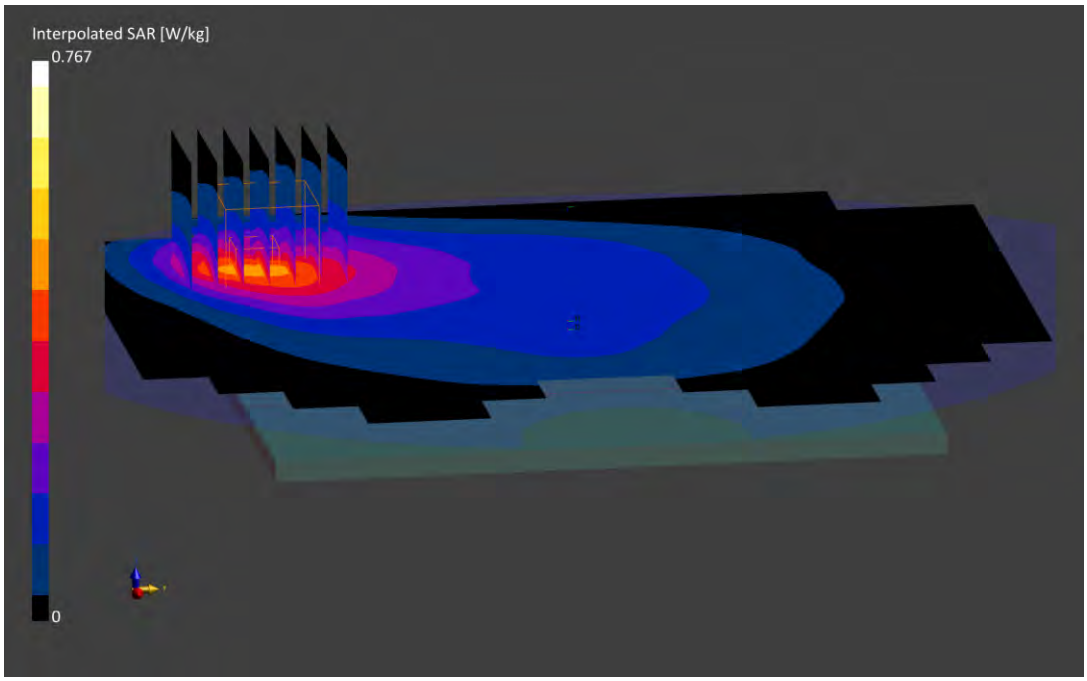
Communication System: UID:10175 - CAG, LTE-FDD; MAIA: Y; Frequency: 782.0 MHz
Medium: 750 Body; Medium parameters used:
f = 782.0 MHz; cond = 1.00 S/m; perm = 52.9; density = 1000 kg/m3
Phantom Section: Flat; Space: 10.00 mm

Test Date: 05/24/2022; Ambient Temp: 20.5°C; Tissue Temp: 20.3°C

Probe: EX3DV4 - SN7565; ConvF:(9.78,9.78,9.78); Calibrated: 2021-11-15
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1466; Calibrated: 2021-11-11
Phantom: Twin-SAM V8.0; Serial: 1934
Measurement SW: DASY Module SAR V16.0.2.136

Mode: LTE Band 13, Antenna A+B, UMPC Body SAR, Back side, Mid Ch., 10 MHz Bandwidth, QPSK, 1 RB, 25 RB Offset

Area Scan (180.0 x 210.0): Measurement grid: dx=15.0 mm, dy=15.0 mm
Zoom Scan (30.0 x 30.0 x 30.0): Measurement grid: dx=6.0 mm, dy=6.0 mm, dz=1.5 mm; Graded Ratio: 1.5
Reference Value = 0.40 W/kg; Power Drift = 0.12 dB
Peak SAR (extrapolated) = 0.767 W/kg
SAR(1 g) = 0.428 W/kg
Smallest distance from peaks to all points 3 dB below is 14.6 mm
Ratio of SAR at M2 to SAR at M1 = 80.8 %



ELEMENT

DUT: A3LSMF936U; Type: Portable Handset; Serial: 1798M

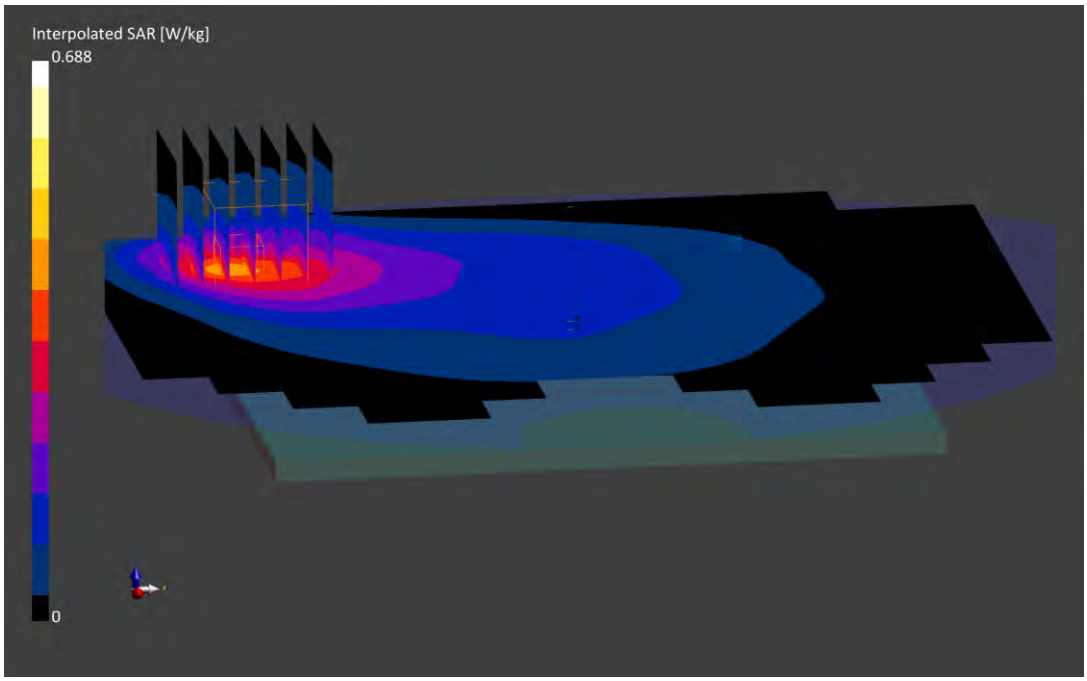
Communication System: UID:10175 - CAG, LTE-FDD; MAIA: Y; Frequency: 793.0 MHz
Medium: 750 Body; Medium parameters used:
f = 793.0 MHz; cond = 1.00 S/m; perm = 52.8; density = 1000 kg/m3
Phantom Section: Flat; Space: 10.00 mm

Test Date: 05/26/2022; Ambient Temp: 21.1°C; Tissue Temp: 20.8°C

Probe: EX3DV4 - SN7565; ConvF:(9.78,9.78,9.78); Calibrated: 2021-11-15
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1466; Calibrated: 2021-11-11
Phantom: Twin-SAM V8.0; Serial: 1934
Measurement SW: DASY Module SAR V16.0.2.136

Mode: LTE Band 14, Antenna A+B, UMPC Body SAR, Back side, Mid Ch., 10 MHz Bandwidth, QPSK, 1 RB, 25 RB Offset

Area Scan (180.0 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 = -0.07 dB
Peak SAR (extrapolated) = 0.688 W/kg
SAR(1 g) = 0.376 W/k
Smallest distance from peaks to all points 3 dB below is 13.4 mm
Ratio of SAR at M2 to SAR at M1 = 80.5 %



ELEMENT

DUT: A3LSMF936U; Type: Portable Handset; Serial: 1792M

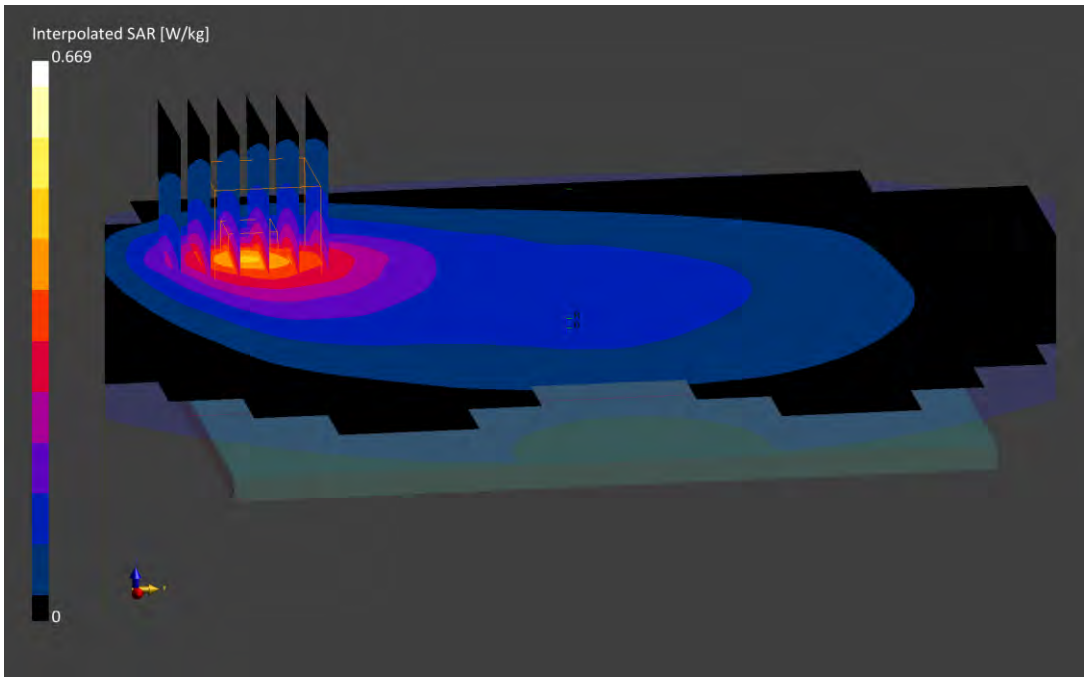
Communication System: UID:10181 - CAE, LTE-FDD; MAIA: Y; Frequency: 831.5 MHz
Medium: 835 Body; Medium parameters used:
f = 831.5 MHz; cond = 0.960 S/m; perm = 53.6; density = 1000 kg/m3
Phantom Section: Flat; Space: 1.0 cm

Test Date: 05/22/2022; Ambient Temp: 20.9°C; Tissue Temp: 21.3°C

Probe: EX3DV4 - SN7640; ConvF:(10.66,10.66,10.66); Calibrated: 2022-02-24
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1645; Calibrated: 2022-02-21
Phantom: Twin-SAM V5.0; Serial: 1868
Measurement SW: DASY Module SAR V16.0.2.136

Mode: LTE Band 26, Antenna A+B, UMPC Body SAR, Back Side, Mid Ch., 15 MHz Bandwidth, QPSK, 1 RB, 36 RB Offset

Area Scan (180.0 x 210.0): Measurement grid: dx=15.0 mm, dy=15.0 mm
Zoom Scan (30.0 x 30.0 x 30.0): Measurement grid: dx=6.0 mm, dy=6.0 mm, dz=1.5 mm; Graded Ratio: 1.5
Reference Value = 0.36 W/kg; Power Drift = 0.00 dB
Peak SAR (extrapolated) = 0.669 W/kg
SAR(1 g) = 0.381 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 = 81.9 %



ELEMENT

DUT: A3LSMF936U; Type: Portable Handset; Serial: 1785M

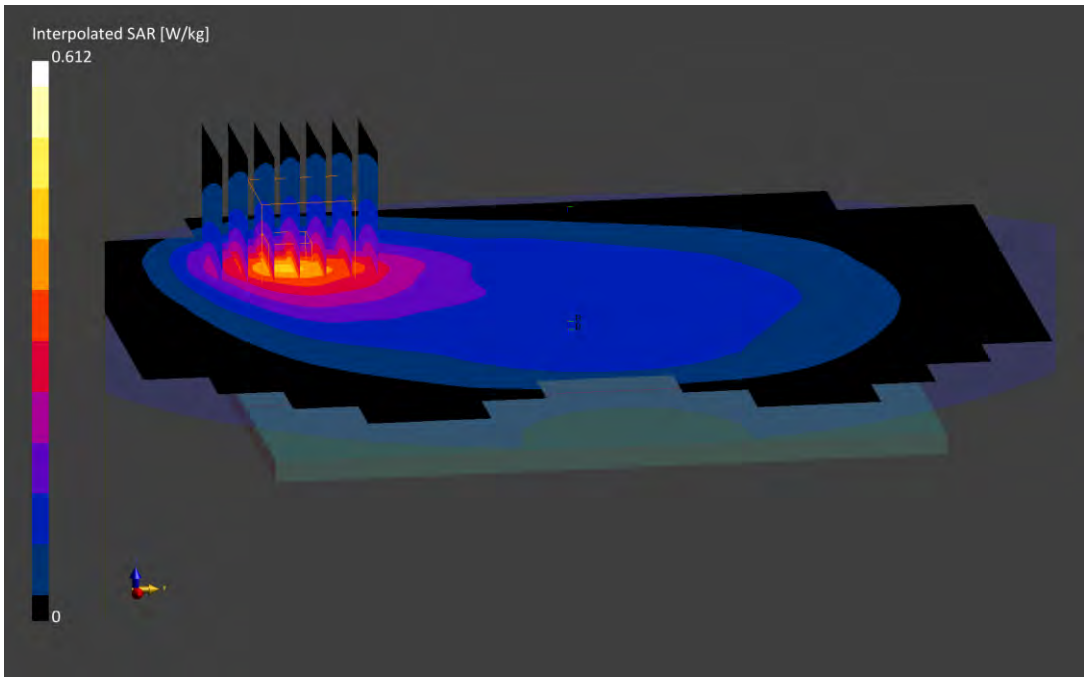
Communication System: UID:10175 - CAG, LTE-FDD; MAIA: Y; Frequency: 836.5 MHz
Medium: 835 Body; Medium parameters used:
f = 836.5 MHz; cond = 0.969 S/m; perm = 52.8; density = 1000 kg/m3
Phantom Section: Flat; Space: 1.0 cm

Test Date: 05/26/2022; Ambient Temp: 21.1°C; Tissue Temp: 21.1°C

Probe: EX3DV4 - SN7640; ConvF:(10.66,10.66,10.66); Calibrated: 2022-02-24
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1645; Calibrated: 2022-02-21
Phantom: Twin-SAM V5.0; Serial: 1868
Measurement SW: DASY Module SAR V16.0.2.136

Mode: LTE Band 5, Antenna A+B, UMPC Body SAR, Back Side, Mid Ch., 10 MHz Bandwidth, QPSK, 1 RB, 25 RB Offset

Area Scan (180.0 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) = 0.612 W/kg
SAR(1 g) = 0.360 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 = 85.3 %



ELEMENT

DUT: A3LSMF936U; Type: Portable Handset; Serial: 1808M

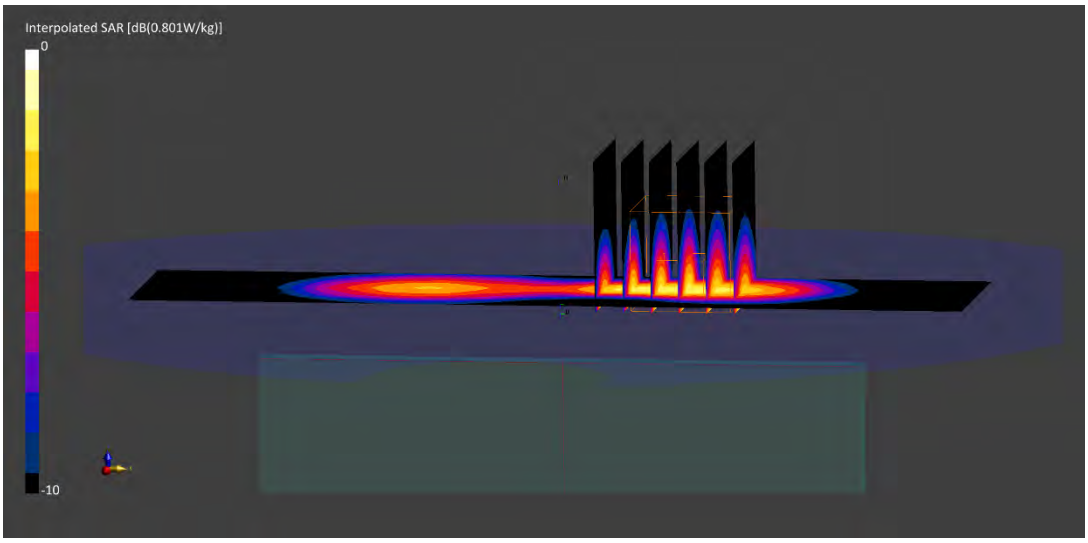
Communication System: UID:10297 - AAD, LTE-FDD; MAIA: Y; Frequency: 1770.0 MHz
Medium: 1750 Body; Medium parameters used:
f = 1770.0 MHz; cond = 1.52 S/m; perm = 51.7; density = 1000 kg/m3
Phantom Section: Flat; Space: 10.00 mm

Test Date: 05/12/2022; Ambient Temp: 20.9°C; Tissue Temp: 20.5°C

Probe: EX3DV4 - SN7670; ConvF:(8.36,8.36,8.36); Calibrated: 2021-08-05
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1681; Calibrated: 2021-08-03
Phantom: Twin-SAM V8.0; Serial: 1966
Measurement SW: DASY Module SAR V16.0.2.136

Mode: LTE Band 66 (AWS), Antenna F, UMPC Body SAR, Top Edge, High Ch, 20 MHz Bandwidth, QPSK, 50 RB, 25 RB Offset

Area Scan (40.0 x 180.0): 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 = 0.41 W/kg; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 0.801 W/kg
SAR(1 g) = 0.422 W/kg
Smallest distance from peaks to all points 3 dB below is 8.7 mm
Ratio of SAR at M2 to SAR at M1 = 78.8 %



ELEMENT

DUT: A3LSMF936U; Type: Portable Handset; Serial: 1787M

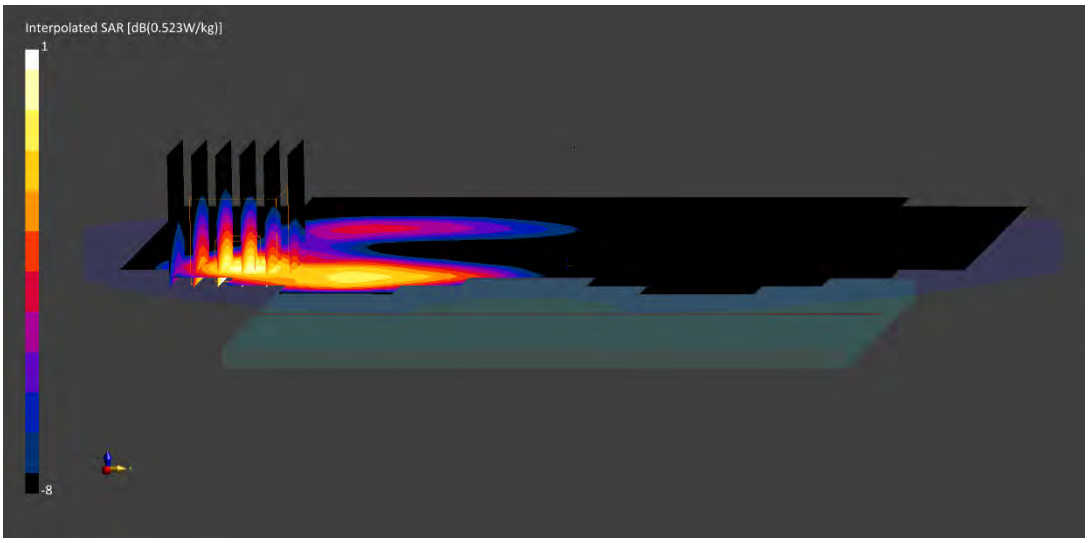
Communication System: UID:10169 - CAE, LTE-FDD; MAIA: Y; Frequency: 1882.5 MHz
Medium: 1900 Body; Medium parameters used:
f = 1882.5 MHz; cond = 1.52 S/m; perm = 52.3; density = 1000 kg/m3
Phantom Section: Flat; Space: 12.00 mm

Test Date: 05/05/2022; Ambient Temp: 24.5°C; Tissue Temp: 23.5°C

Probe: EX3DV4 - SN7406; ConvF:(7.66,7.66,7.66); Calibrated: 2021-07-20
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1676; Calibrated: 2021-06-21
Phantom: Twin-SAM V8.0; Serial: 2058
Measurement SW: DASY Module SAR V16.0.2.136

Mode: LTE Band 25, Antenna B, UMPC Body SAR, Front Side, Mid Ch., 20 MHz Bandwidth, QPSK, 1 RB, 50 RB Offset

Area Scan (180.0 x 210.0): Measurement grid: dx=15.0 mm, dy=15.0 mm
Zoom Scan (30.0 x 30.0 x 30.0): Measurement grid: dx=6.0 mm, dy=6.0 mm, dz=1.5 mm; Graded Ratio: 1.5
Reference Value = 0.41 W/kg; Power Drift = 0.06 dB
Peak SAR (extrapolated) = 0.715 W/kg
SAR(1 g) = 0.435 W/kg
Smallest distance from peaks to all points 3 dB below is 11.4 mm
Ratio of SAR at M2 to SAR at M1 = 85.8 %



ELEMENT

DUT: A3LSMF936U; Type: Portable Handset; Serial: 1820M

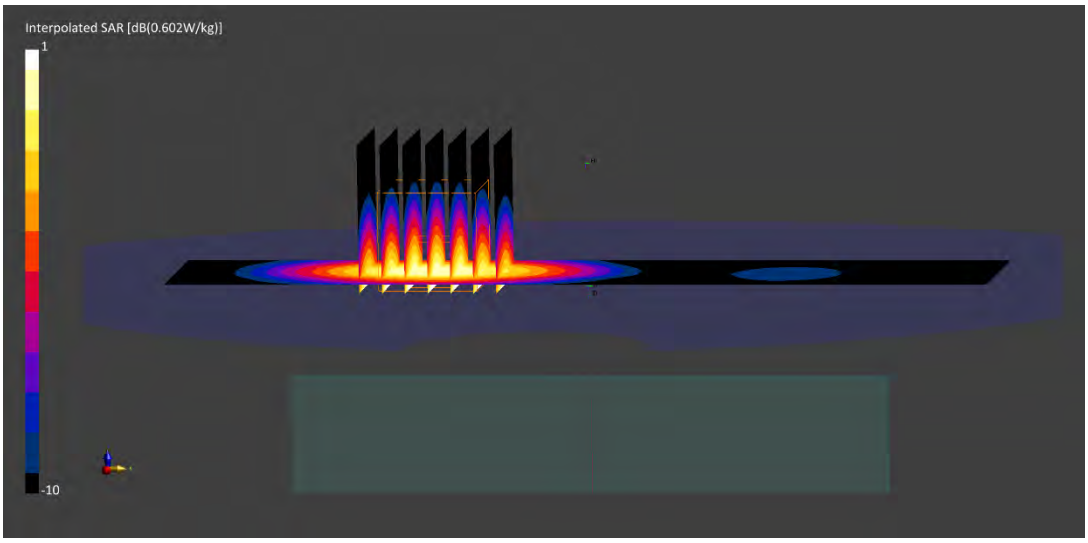
Communication System: UID:10154 - CAG, LTE-FDD; MAIA: Y; Frequency: 2310.0 MHz
Medium: 2450 Body; Medium parameters used:
f = 2310.0 MHz; cond = 1.83 S/m; perm = 51.4; density = 1000 kg/m3
Phantom Section: Flat; Space: 18.00 mm

Test Date: 05/31/2022; Ambient Temp: 24.4°C; Tissue Temp: 22.0°C

Probe: EX3DV4 - SN7409; ConvF:(7.46,7.46,7.46); Calibrated: 2021-06-21
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1334; Calibrated: 2021-06-15
Phantom: Twin-SAM V5.0; Serial: 1759
Measurement SW: DASY Module SAR V16.0.2.136

Mode: LTE Band 30, Antenna B, UMPC Body SAR, Bottom Edge, Mid Ch., 10 MHz Bandwidth, QPSK, 25 RB, 12 RB Offset

Area Scan (40.0 x 180.0): 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 = 0.49 W/kg; Power Drift = 0.00 dB
Peak SAR (extrapolated) = 0.914 W/kg
SAR(1 g) = 0.505 W/kg
Smallest distance from peaks to all points 3 dB below is 13.9 mm
Ratio of SAR at M2 to SAR at M1 = 83.1 %



ELEMENT

DUT: A3LSMF936U; Type: Portable Handset; Serial: 1713M

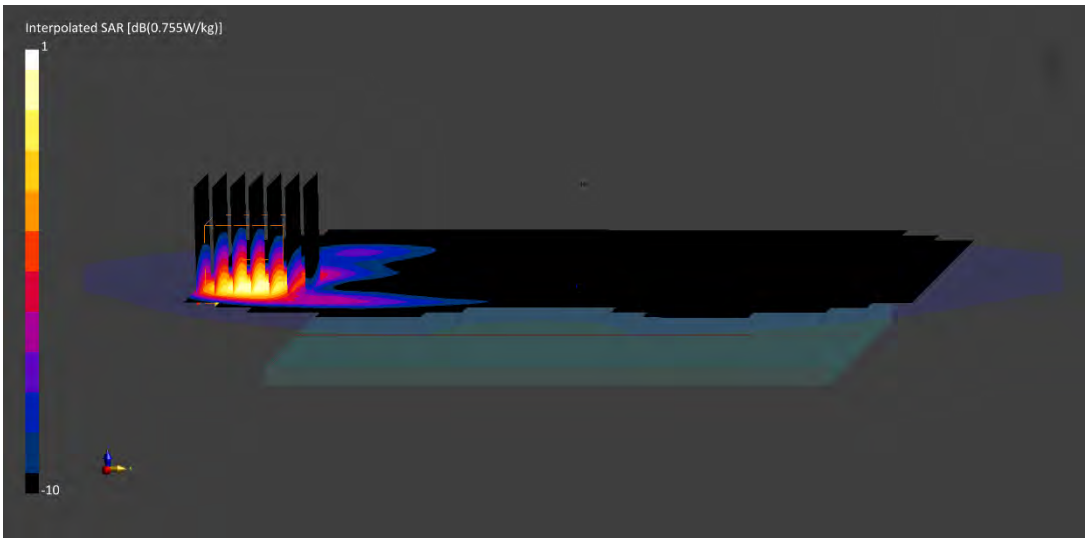
Communication System: UID:10169 - CAE, LTE-FDD; MAIA: Y; Frequency: 2560.0 MHz
Medium: 2450 Body; Medium parameters used:
f = 2560.0 MHz; cond = 2.14 S/m; perm = 50.8; density = 1000 kg/m3
Phantom Section: Flat; Space: 12.00 mm

Test Date: 05/18/2022; Ambient Temp: 21.5°C; Tissue Temp: 22.2°C

Probe: EX3DV4 - SN7552; ConvF:(7.28,7.28,7.28); Calibrated: 2021-09-20
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1680; Calibrated: 2021-08-04
Phantom: Twin-SAM V8.0; Serial: 2065
Measurement SW: DASY Module SAR V16.0.2.136

Mode: LTE Band 7, Antenna B, UMPC Body SAR, Front Side, High Ch.,
20 MHz Bandwidth, QPSK, 1 RB, 50 RB Offset

Area Scan (180.0 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 = 0.79 W/kg; Power Drift = -0.12 dB
Peak SAR (extrapolated) = 1.28 W/kg
SAR(1 g) = 0.633 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 = 79.9 %



ELEMENT

DUT: A3LSMF936U; Type: Portable Handset; Serial: 1713M

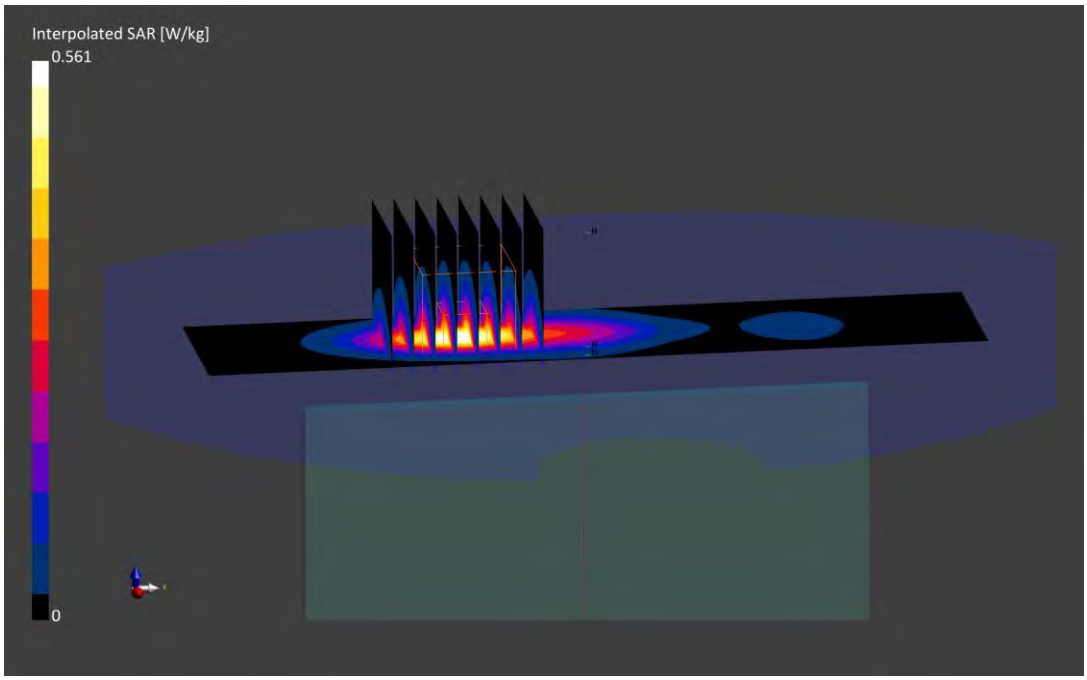
Communication System: UID:10172 - CAG, LTE-TDD; MAIA: Y; Frequency: 2593.0 MHz
Medium: 2450 Body; Medium parameters used:
f = 2593.0 MHz; cond = 2.18 S/m; perm = 50.6; density = 1000 kg/m3
Phantom Section: Flat; Space: 10.00 mm

Test Date: 05/18/2022; Ambient Temp: 21.5°C; Tissue Temp: 22.2°C

Probe: EX3DV4 - SN7552; ConvF:(7.28,7.28,7.28); Calibrated: 2021-09-20
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1680; Calibrated: 2021-08-04
Phantom: Twin-SAM V8.0; Serial: 2065
Measurement SW: DASY Module SAR V16.0.2.83

Mode: LTE Band 41, Antenna B, HPUE, UMPC Body SAR, Bottom Edge, Mid Ch., 20 MHz Bandwidth, QPSK, 1 RB, 50 RB Offset

Area Scan (40.0 x 180.0): Measurement grid: dx=5.0 mm, dy=10.0 mm
Zoom Scan (30.0 x 30.0 x 30.0): Measurement grid: dx=5.0 mm, dy=5.0 mm, dz=1.5 mm; Graded Ratio: 1.5
Reference Value = 0.54 W/kg; Power Drift = -0.04 dB
Peak SAR (extrapolated) = 0.959 W/kg
SAR(1 g) = 0.432 W/kg
Smallest distance from peaks to all points 3 dB below is 8.9 mm
Ratio of SAR at M2 to SAR at M1 = 76.1 %



ELEMENT

DUT: A3LSMF936U; Type: Portable Handset; Serial: 1803M

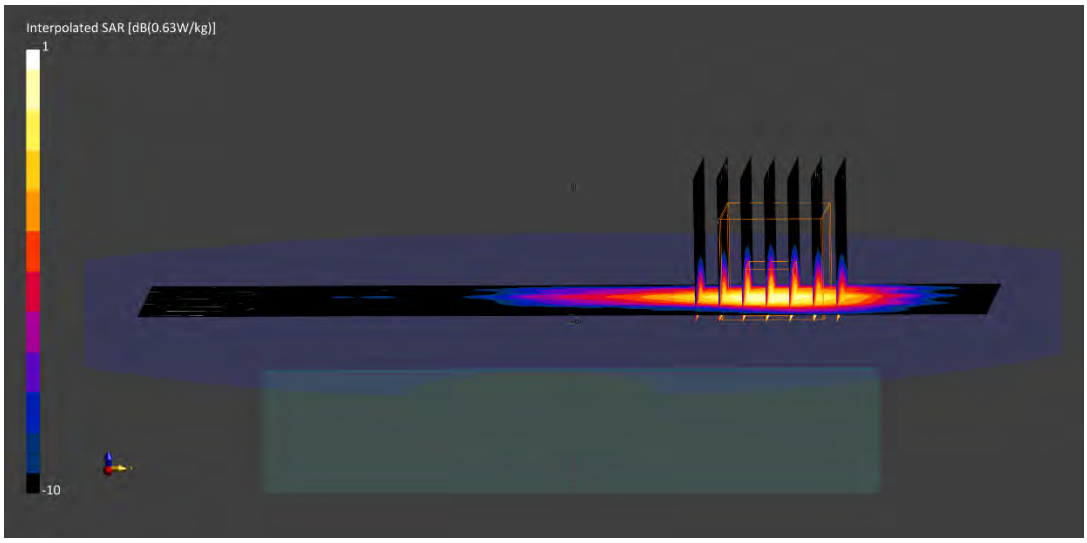
Communication System: UID:10435 - AAF, LTE-TDD; MAIA: Y; Frequency: 3646.7 MHz
Medium: 3600 Body; Medium parameters used:
f = 3646.7 MHz; cond = 3.37 S/m; perm = 50.8; density = 1000 kg/m3
Phantom Section: Flat; Space: 10.00 mm

Test Date: 05/04/2022; Ambient Temp: 23.7°C; Tissue Temp: 22.6°C

Probe: EX3DV4 - SN7538; ConvF:(6.36,6.36,6.36); Calibrated: 2021-11-16
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1323; Calibrated: 2021-11-10
Phantom: Twin-SAM V8.0; Serial: 2056
Measurement SW: DASY Module SAR V16.0.2.136

Mode: LTE Band 48, UMPC Body SAR, Top Edge, Mid-high Ch.,
20 MHz Bandwidth, QPSK, 1 RB, 0 RB Offset

Area Scan (40.0 x 180.0): Measurement grid: dx=5.0 mm, dy=10.0 mm
Zoom Scan (28.0 x 28.0 x 28.0): Measurement grid: dx=5.0 mm, dy=5.0 mm, dz=1.4 mm; Graded Ratio: 1.5
Reference Value = 0.61 W/kg; Power Drift = -0.02 dB
Peak SAR (extrapolated) = 1.02 W/kg
SAR(1 g) = 0.449 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 = 78.6 %



ELEMENT

DUT: A3LSMF936U; Type: Portable Handset; Serial: 2719M

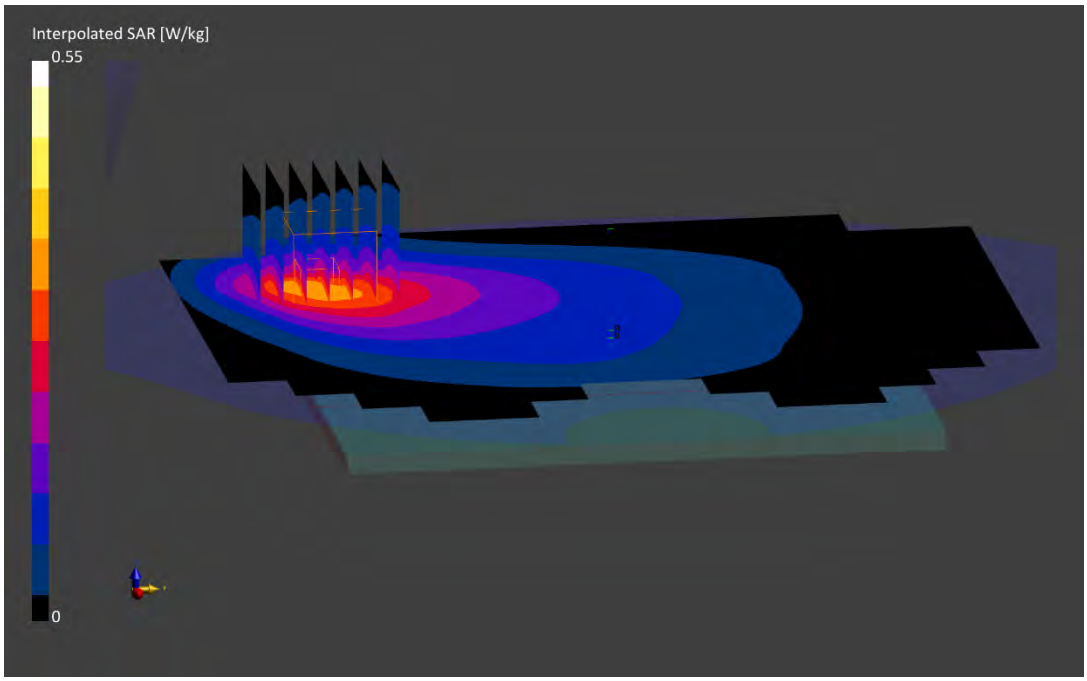
Communication System: UID:10931 - AAC, 5G NR FR1 FDD; MAIA: Y; Frequency: 680.5 MHz
Medium: 750 Body; Medium parameters used:
f = 680.5 MHz; cond = 0.920 S/m; perm = 53.3; density = 1000 kg/m3
Phantom Section: Flat; Space: 10.00 mm

Test Date: 06/09/2022; Ambient Temp: 23°C; Tissue Temp: 21.3°C

Probe: EX3DV4 - SN7660; ConvF:(10.89,10.89,10.89); Calibrated: 2022-05-18
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1678; Calibrated: 2022-05-10
Phantom: Twin-SAM V5.0; Serial: 1692rightback
Measurement SW: DASY Module SAR V16.0.2.136

Mode: NR Band n71, Antenna A+B, UMPC Body SAR, Back Side, Ch. 136100, 20 MHz Bandwidth, DFT-s-OFDM QPSK, 1 RB, 1 RB Offset

Area Scan (180.0 x 210.0): Measurement grid: dx=15.0 mm, dy=15.0 mm
Zoom Scan (30.0 x 30.0 x 30.0): Measurement grid: dx=6.0 mm, dy=6.0 mm, dz=1.5 mm; Graded Ratio: 1.5
Reference Value = 0.26 W/kg; Power Drift = -0.03 dB
Peak SAR (extrapolated) = 0.551 W/kg
SAR(1 g) = 0.318 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 = 83.9 %



ELEMENT

DUT: A3LSMF936U; Type: Portable Handset; Serial: 2719M

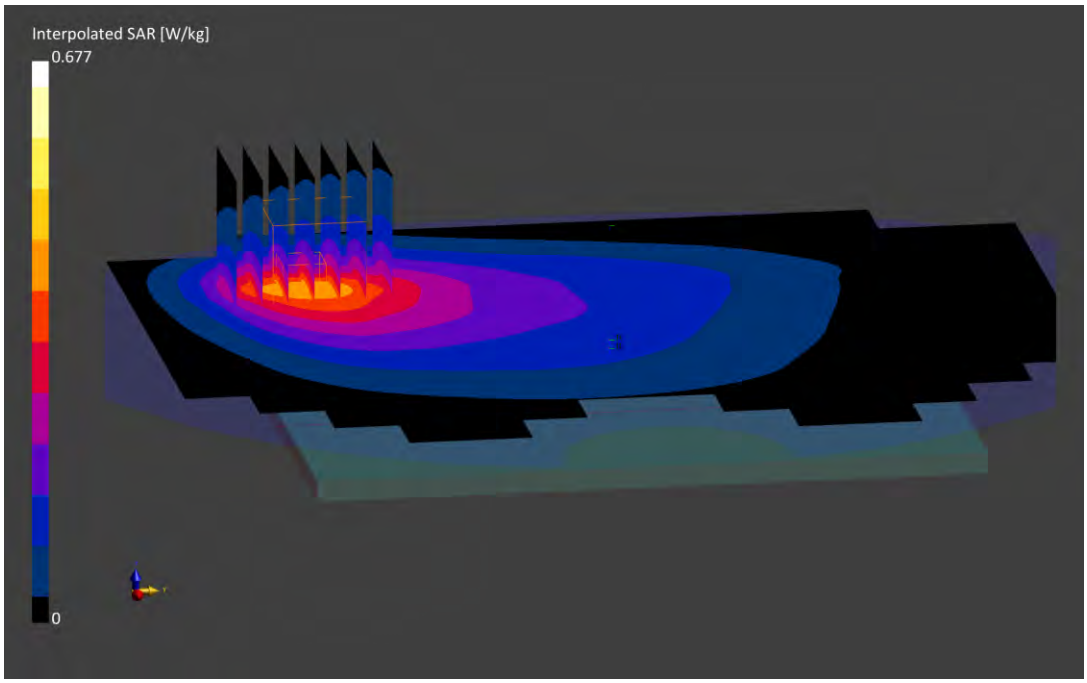
Communication System: UID:10938 - AAC, 5G NR FR1 FDD; MAIA: Y; Frequency: 707.5 MHz
Medium: 750 Body; Medium parameters used:
f = 707.5 MHz; cond = 0.955 S/m; perm = 53.7; density = 1000 kg/m3
Phantom Section: Flat; Space: 10.00 mm

Test Date: 06/12/2022; Ambient Temp: 22.2°C; Tissue Temp: 21.3°C

Probe: EX3DV4 - SN7660; ConvF:(10.89,10.89,10.89); Calibrated: 2022-05-18
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1678; Calibrated: 2022-05-10
Phantom: Twin-SAM V5.0; Serial: 1692rightback
Measurement SW: DASY Module SAR V16.0.2.136

Mode: NR Band n12, Antenna A+B, UMPC Body SAR, Back Side, Ch. 141500, 15 MHz Bandwidth, DFT-s-OFDM QPSK, 36 RB, 22 RB Offset

Area Scan (180.0 x 210.0): Measurement grid: dx=15.0 mm, dy=15.0 mm
Zoom Scan (30.0 x 30.0 x 30.0): Measurement grid: dx=6.0 mm, dy=6.0 mm, dz=1.5 mm; Graded Ratio: 1.5
Reference Value = 0.32 W/kg; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 0.677 W/kg
SAR(1 g) = 0.388 W/kg
Smallest distance from peaks to all points 3 dB below is 14.6 mm
Ratio of SAR at M2 to SAR at M1 = 83.3 %



ELEMENT

DUT: A3LSMF936U; Type: Portable Handset; Serial: 1788M

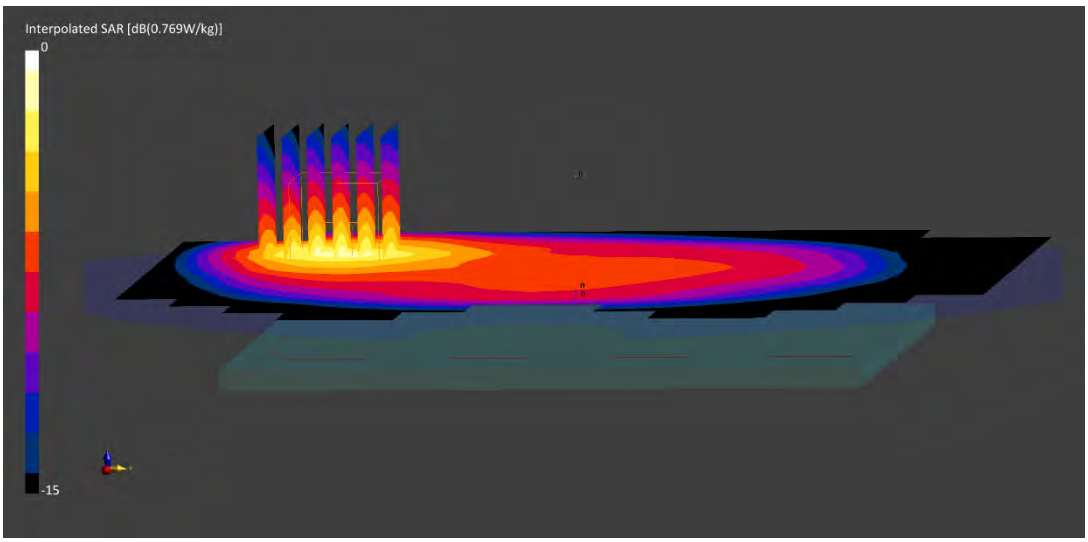
Communication System: UID:10939 - AAC, 5G NR FR1 FDD; MAIA: Y; Frequency: 836.5 MHz
Medium: 835 Body; Medium parameters used:
f = 836.5 MHz; cond = 0.957 S/m; perm = 55.6; density = 1000 kg/m3
Phantom Section: Flat; Space: 10.00 mm

Test Date: 05/30/2022; Ambient Temp: 21.3°C; Tissue Temp: 20.8°C

Probe: EX3DV4 - SN7571; ConvF:(9.87,9.87,9.87); Calibrated: 2021-12-10
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn859; Calibrated: 2021-12-08
Phantom: Twin-SAM V5.0; Serial: 1646
Measurement SW: DASY Module SAR V16.0.2.136

Mode: NR Band n5, Antenna A+B, UMPC Body SAR, Back Side, Ch. 167300,
20 MHz Bandwidth, DFT-s-OFDM QPSK, 50 RB, 28 RB Offset

Area Scan (180.0 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 = 0.49 W/kg; Power Drift = -0.03 dB
Peak SAR (extrapolated) = 0.769 W/kg
SAR(1 g) = 0.434 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 = 83.2 %



ELEMENT

DUT: A3LSMF936U; Type: Portable Handset; Serial: 1823M

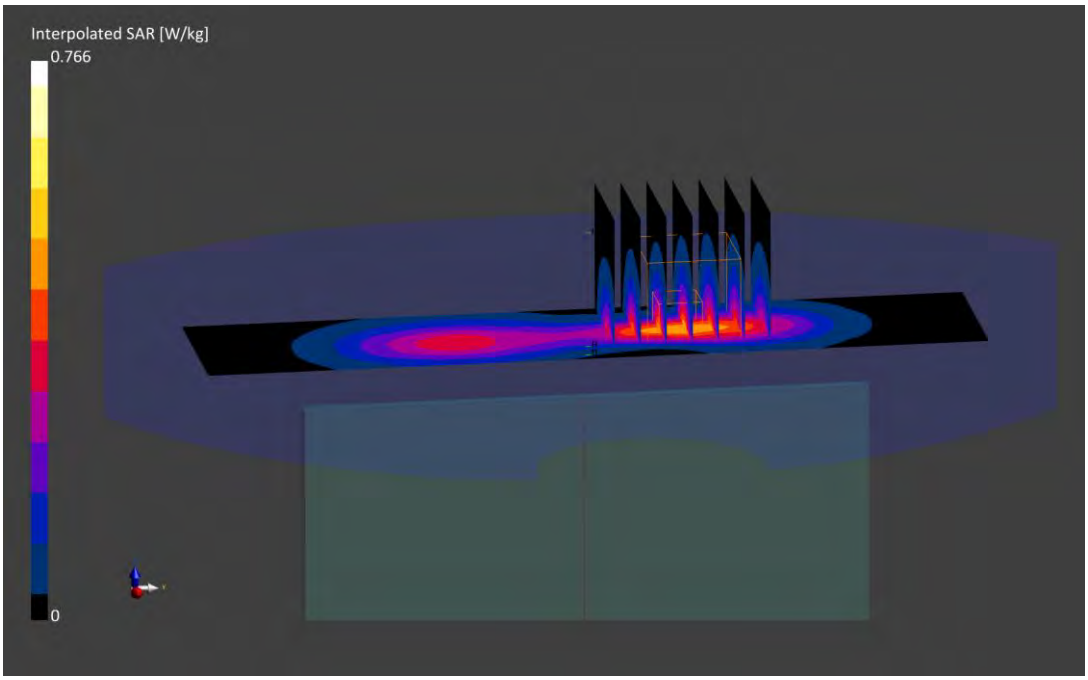
Communication System: UID:10942 - AAC, 5G NR FR1 FDD; MAIA: Y; Frequency: 1745.0 MHz
Medium: 1750 Body; Medium parameters used:
f = 1745.0 MHz; cond = 1.50 S/m; perm = 51.8; density = 1000 kg/m3
Phantom Section: Flat; Space: 10.00 mm

Test Date: 05/16/2022; Ambient Temp: 24.0°C; Tissue Temp: 20.2°C

Probe: EX3DV4 - SN7670; ConvF:(8.36,8.36,8.36); Calibrated: 2021-08-05
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1681; Calibrated: 2021-08-03
Phantom: Twin-SAM V8.0; Serial: 1966
Measurement SW: DASY Module SAR V16.0.2.136

Mode: NR Band n66, Antenna F, UMPC Body SAR, Top Edge, Ch. 349000,
40 MHz Bandwidth, DFT-s-OFDM QPSK, 108 RB, 108 RB Offset

Area Scan (40.0 x 180.0): 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 = 0.39 W/kg; Power Drift = -0.02 dB
Peak SAR (extrapolated) = 0.766 W/kg
SAR(1 g) = 0.405 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 = 80.7 %



ELEMENT

DUT: A3LSMF936U; Type: Portable Handset; Serial: 1787M

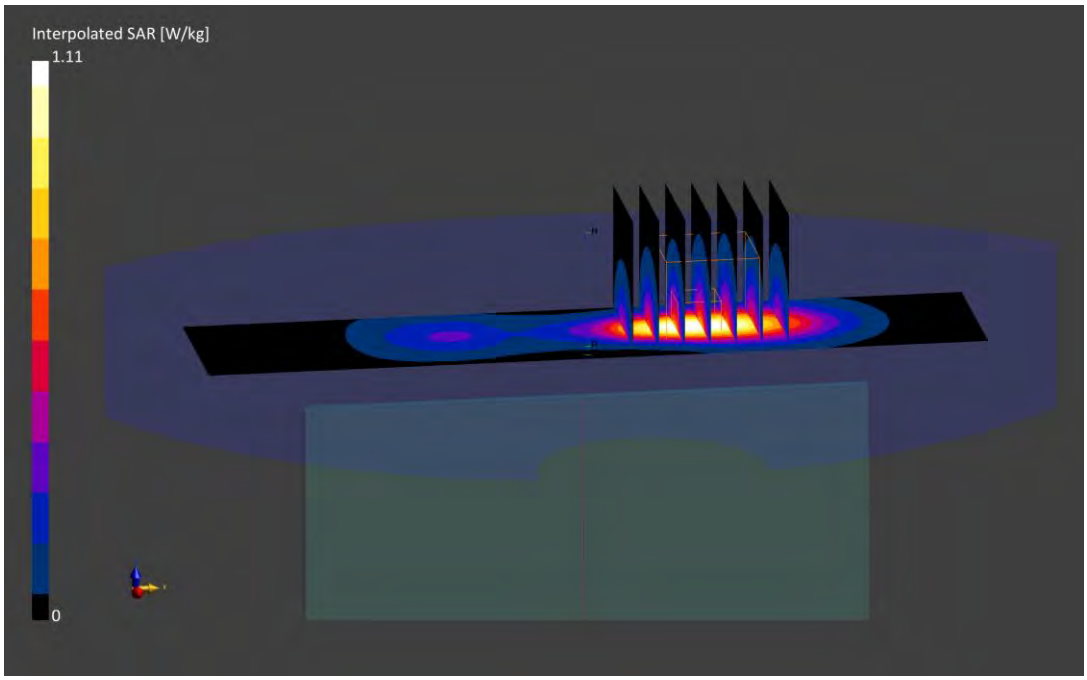
Communication System: UID:10942 - AAC, 5G NR FR1 FDD; MAIA: Y; Frequency: 1882.5 MHz
Medium: 1900 Body; Medium parameters used:
f = 1882.5 MHz; cond = 1.55 S/m; perm = 51.7; density = 1000 kg/m3
Phantom Section: Flat; Space: 10.00 mm

Test Date: 05/01/2022; Ambient Temp: 24.7°C; Tissue Temp: 22.4°C

Probe: EX3DV4 - SN7406; ConvF:(7.66,7.66,7.66); Calibrated: 2021-07-20
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1676; Calibrated: 2021-06-21
Phantom: Twin-SAM V8.0; Serial: 2058
Measurement SW: DASY Module SAR V16.0.2.83

Mode: NR Band n25, Antenna F, UMPC Body SAR, Top Edge, Ch. 376500,
40 MHz Bandwidth, DFT-s-OFDM QPSK, 108 RB, 108 RB Offset

Area Scan (40.0 x 180.0): 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 = 0.64 W/kg; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 1.11 W/kg
SAR(1 g) = 0.621 W/kg
Smallest distance from peaks to all points 3 dB below is 9.1 mm
Ratio of SAR at M2 to SAR at M1 = 84.3 %



ELEMENT

DUT: A3LSMF936U; Type: Portable Handset; Serial: 1793M

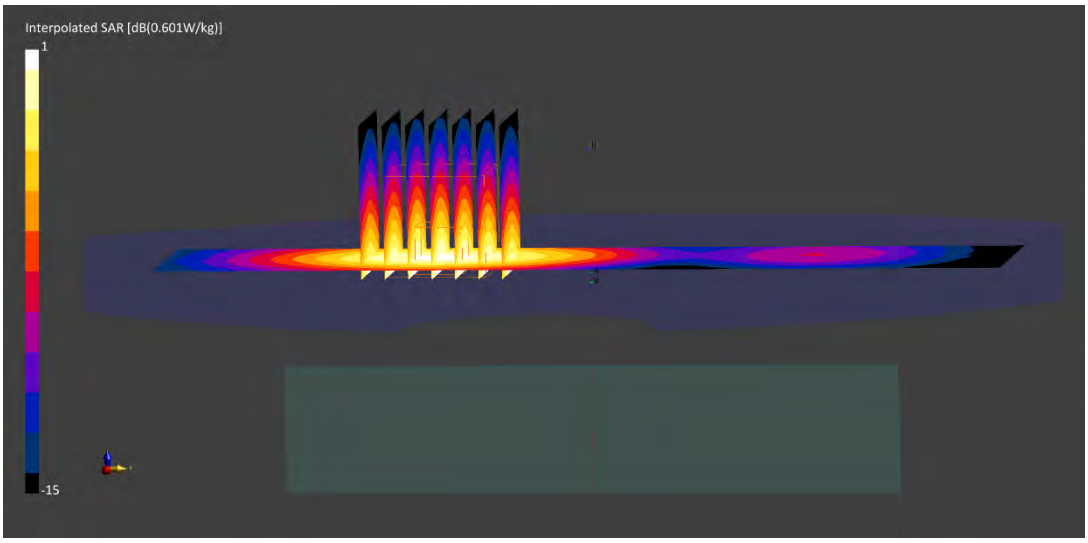
Communication System: UID:10937 - AAC, 5G NR FR1 FDD; MAIA: Y; Frequency: 2310.0 MHz
Medium: 2450 Body; Medium parameters used:
f = 2310.0 MHz; cond = 1.86 S/m; perm = 50.5; density = 1000 kg/m3
Phantom Section: Flat; Space: 18.00 mm

Test Date: 06/12/2022; Ambient Temp: 22.1°C; Tissue Temp: 21.6°C

Probe: EX3DV4 - SN7417; ConvF:(7.6,7.6,7.6); Calibrated: 2022-02-22
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn665; Calibrated: 2022-02-22
Phantom: Twin-SAM V8.0; Serial: 2060
Measurement SW: DASY Module SAR V16.0.2.136

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

Area Scan (40.0 x 180.0): 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 = 0.62 W/kg; Power Drift = 0.15 dB
Peak SAR (extrapolated) = 0.876 W/kg
SAR(1 g) = 0.506 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 = 84.1 %



ELEMENT

DUT: A3LSMF936U; Type: Portable Handset; Serial: 1779M

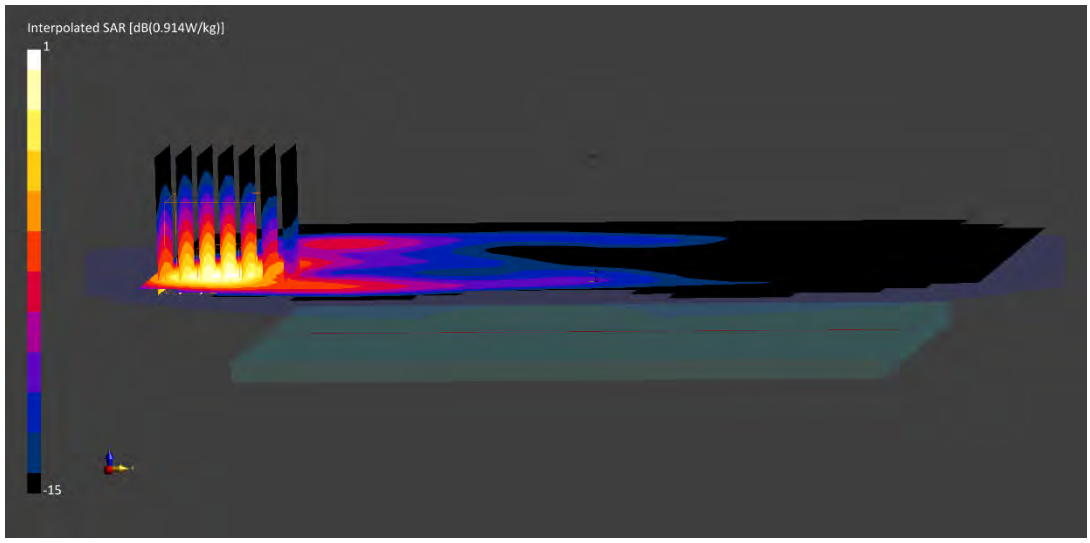
Communication System: UID:10934 - AAC, 5G NR FR1 FDD; MAIA: Y; Frequency: 2535.0 MHz
Medium: 2450 Body; Medium parameters used:
f = 2535.0 MHz; cond = 2.09 S/m; perm = 51.3; density = 1000 kg/m3
Phantom Section: Flat; Space: 12.00 mm

Test Date: 05/29/2022; Ambient Temp: 21.2°C; Tissue Temp: 21.8°C

Probe: EX3DV4 - SN7552; ConvF:(7.28,7.28,7.28); Calibrated: 2021-09-20
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1680; Calibrated: 2021-08-04
Phantom: Twin-SAM V8.0; Serial: 2065
Measurement SW: DASY Module SAR V16.0.2.136

Mode: NR Band n7, Antenna B, UMPC Body SAR, Front Side, Ch. 507000, 4 0 MHz Bandwidth, DFT-s-OFDM QPSK, 1 RB, 214 RB Offset

Area Scan (180.0 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 = 0.89 W/kg; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 1.51 W/kg
SAR(1 g) = 0.742 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: A3LSMF936U; Type: Portable Handset; Serial: 1779M

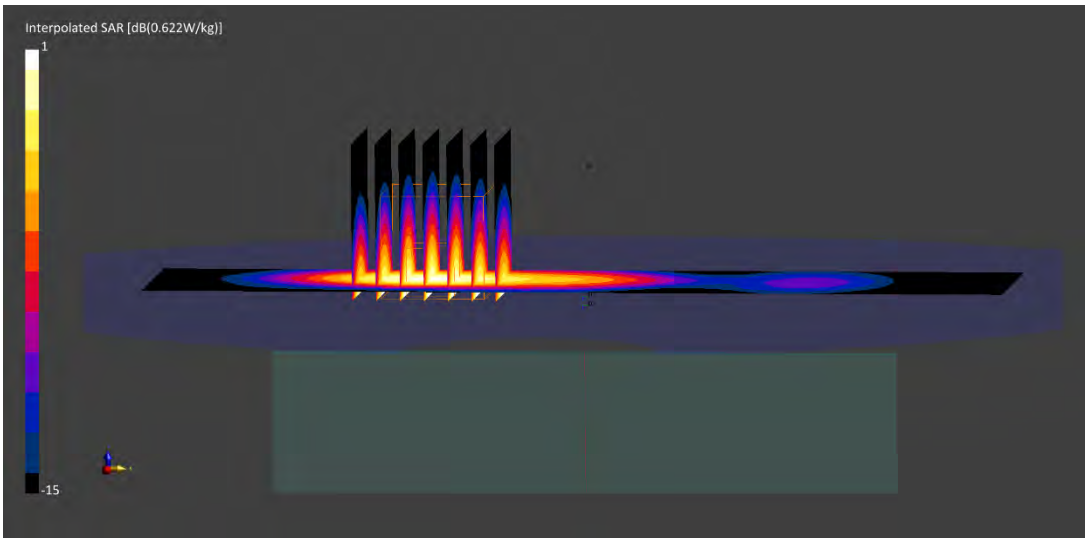
Communication System: UID:0 - -, CW; MAIA: Y; Frequency: 2593.0 MHz
Medium: 2450 Body; Medium parameters used:
f = 2593.0 MHz; cond = 2.16 S/m; perm = 50.8; density = 1000 kg/m3
Phantom Section: Flat; Space: 10.00 mm

Test Date: 05/25/2022; Ambient Temp: 20.5°C; Tissue Temp: 23.2°C

Probe: EX3DV4 - SN7552; ConvF:(7.28,7.28,7.28); Calibrated: 2021-09-20
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1680; Calibrated: 2021-08-04
Phantom: Twin-SAM V8.0; Serial: 2065
Measurement SW: DASY Module SAR V16.0.2.136

Mode: NR Band n41, Antenna B, UMPC Body SAR, Bottom Edge, Ch.518598, 100 MHz Bandwidth, CW/SRS

Area Scan (40.0 x 180.0): 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 = 0.58 W/kg; Power Drift = 0.04 dB
Peak SAR (extrapolated) = 1.05 W/kg
SAR(1 g) = 0.473 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 = 76.8 %



ELEMENT

DUT: A3LSMF936U; Type: Portable Handset; Serial: 1790M

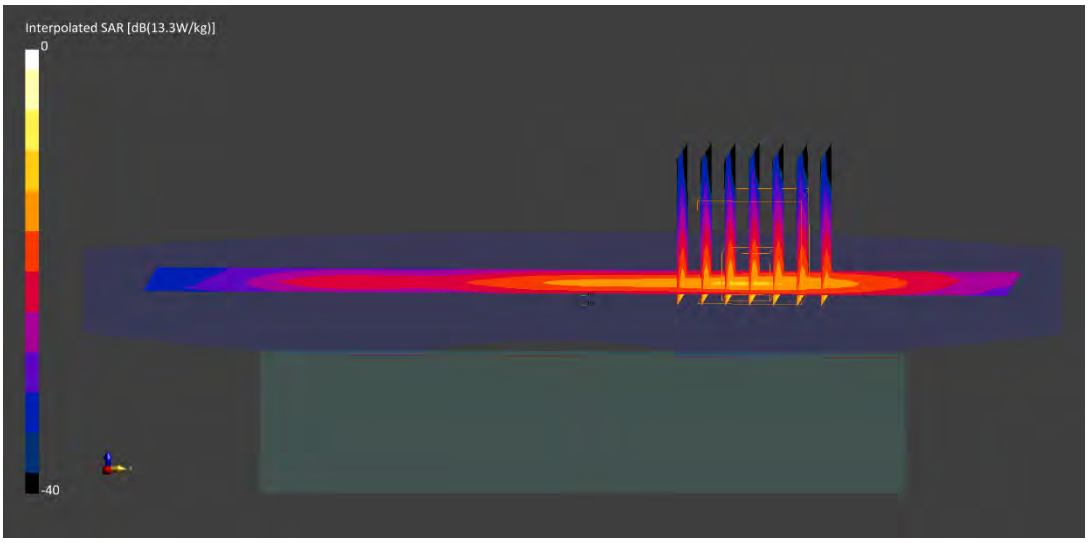
Communication System: UID:10903 - AAB, 5G NR FR1 TDD; MAIA: Y; Frequency: 3680.0 MHz
Medium: 3600 Body; Medium parameters used:
f = 3680.0 MHz; cond = 3.39 S/m; perm = 50.7; density = 1000 kg/m3
Phantom Section: Flat; Space: 10.00 mm

Test Date: 05/12/2022; Ambient Temp: 23.5°C; Tissue Temp: 21.6°C

Probe: EX3DV4 - SN7661; ConvF:(6.66,6.66,6.66); Calibrated: 2021-06-28
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1450; Calibrated: 2021-08-16
Phantom: Twin-SAM V5.0; Serial: 1692rightback
Measurement SW: DASY Module SAR V16.0.2.136

Mode: NR Band n48, Antenna F, UMPC Body SAR, Top Edge, Ch.645332,
40 MHz Bandwidth, DFT-s-OFDM QPSK, 1 RB, 1 RB Offset

Area Scan (40.0 x 180.0): Measurement grid: dx=5.0 mm, dy=10.0 mm
Zoom Scan (28.0 x 28.0 x 28.0): Measurement grid: dx=5.0 mm, dy=5.0 mm, dz=1.4 mm; Graded Ratio: 1.5
Reference Value = 0.39 W/kg; Power Drift = 0.05 dB
Peak SAR (extrapolated) = 1.38 W/kg
SAR(1 g) = 0.576 W/kg
Smallest distance from peaks to all points 3 dB below is 10.0 mm
Ratio of SAR at M2 to SAR at M1 = 76.9 %



ELEMENT

DUT: A3LSMF936U; Type: Portable Handset; Serial: 1829M

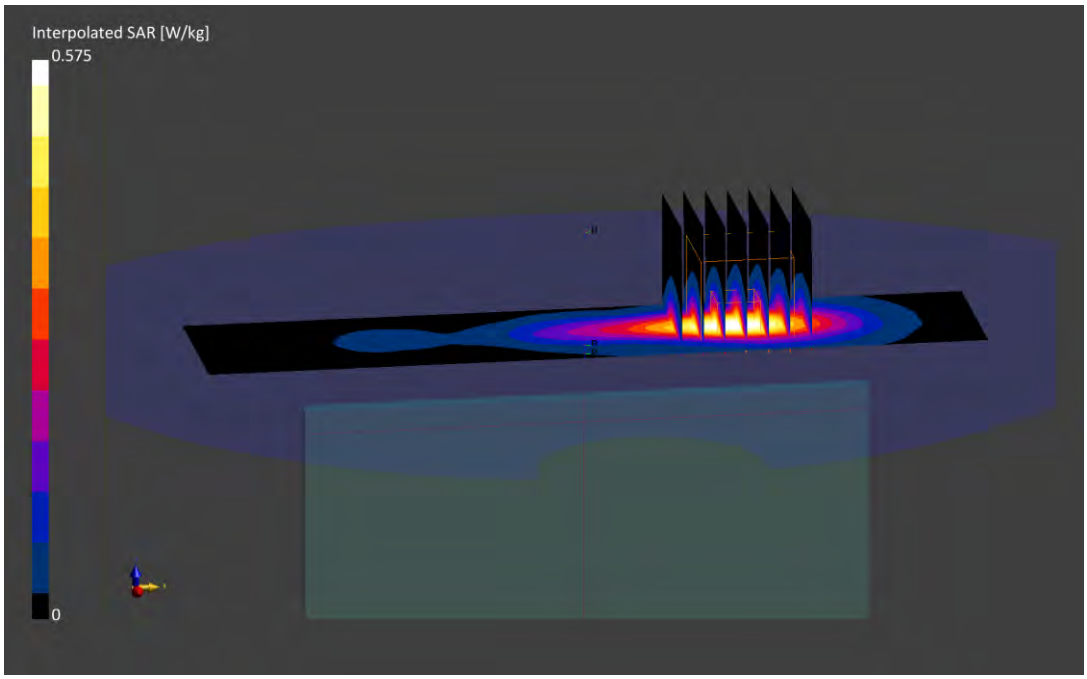
Communication System: UID:10866 - AAD, 5G NR FR1 TDD; MAIA: Y; Frequency: 3500.0 MHz
Medium: 3600 Body; Medium parameters used:
f = 3500.0 MHz; cond = 3.17 S/m; perm = 51.0; density = 1000 kg/m3
Phantom Section: Flat; Space: 10.00 mm

Test Date: 05/12/2022; Ambient Temp: 23.5°C; Tissue Temp: 21.6°C

Probe: EX3DV4 - SN7661; ConvF:(6.7,6.7,6.7); Calibrated: 2021-06-28
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1450; Calibrated: 2021-08-16
Phantom: Twin-SAM V5.0; Serial: 1692rightback
Measurement SW: DASY Module SAR V16.0.2.136

Mode: NR Band n77 DoD, Antenna F, UMPC Body SAR, Top Edge, Ch. 633334, 100 MHz Bandwidth, DFT-s-OFDM QPSK, 1 RB, 271 RB Offset

Area Scan (40.0 x 180.0): Measurement grid: dx=5.0 mm, dy=10.0 mm
Zoom Scan (28.0 x 28.0 x 28.0): Measurement grid: dx=5.0 mm, dy=5.0 mm, dz=1.4 mm; Graded Ratio: 1.5
Reference Value = 0.28 W/kg; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 0.998 W/kg
SAR(1 g) = 0.428 W/kg
Smallest distance from peaks to all points 3 dB below is 9.2 mm
Ratio of SAR at M2 to SAR at M1 = 78.4 %



ELEMENT

DUT: A3LSMF936U; Type: Portable Handset; Serial: 1829M

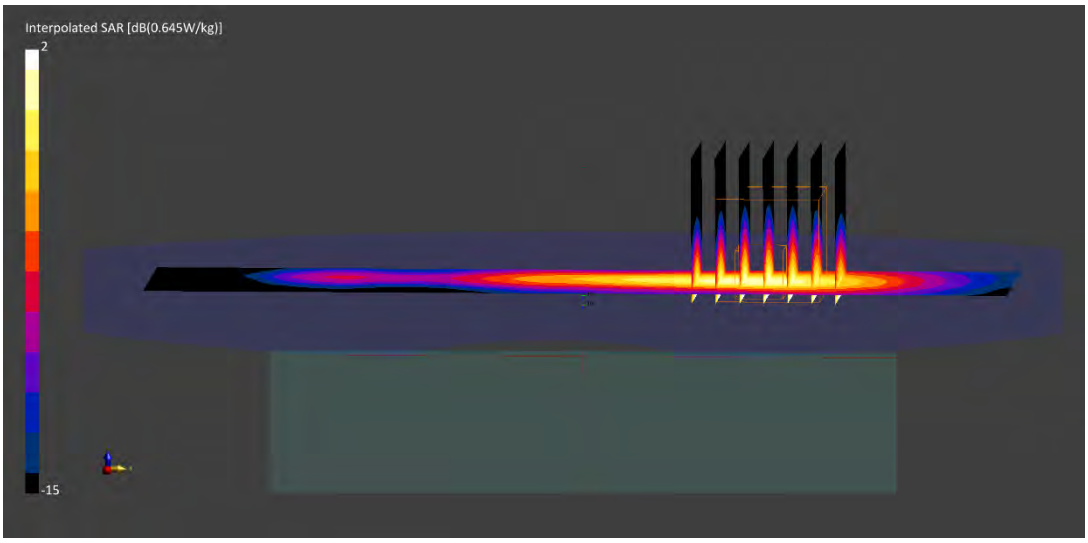
Communication System: UID:10866 - AAD, 5G NR FR1 TDD; MAIA: Y; Frequency: 3930.0 MHz
Medium: 3600 Body; Medium parameters used:
f = 3930.0 MHz; cond = 3.69 S/m; perm = 49.6; density = 1000 kg/m3
Phantom Section: Flat; Space: 10.00 mm

Test Date: 05/15/2022; Ambient Temp: 21.5°C; Tissue Temp: 20.9°C

Probe: EX3DV4 - SN7661; ConvF:(6.51,6.51,6.51); Calibrated: 2021-06-28
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1450; Calibrated: 2021-08-16
Phantom: Twin-SAM V5.0; Serial: 1692rightback
Measurement SW: DASY Module SAR V16.0.2.136

Mode: NR Band n77 C-Band, Antenna F, UMPC Body SAR, Top Edge, Ch. 662000, 100 MHz Bandwidth, DFT-s-OFDM QPSK, 1 RB, 137 RB Offset

Area Scan (40.0 x 180.0): Measurement grid: dx=5.0 mm, dy=10.0 mm
Zoom Scan (28.0 x 28.0 x 28.0): Measurement grid: dx=5.0 mm, dy=5.0 mm, dz=1.4 mm; Graded Ratio: 1.5
Reference Value = 0.34 W/kg; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 1.43 W/kg
SAR(1 g) = 0.556 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 = 74.3 %



ELEMENT

DUT: A3LSMF936U; Type: Portable Handset; Serial: 0417M

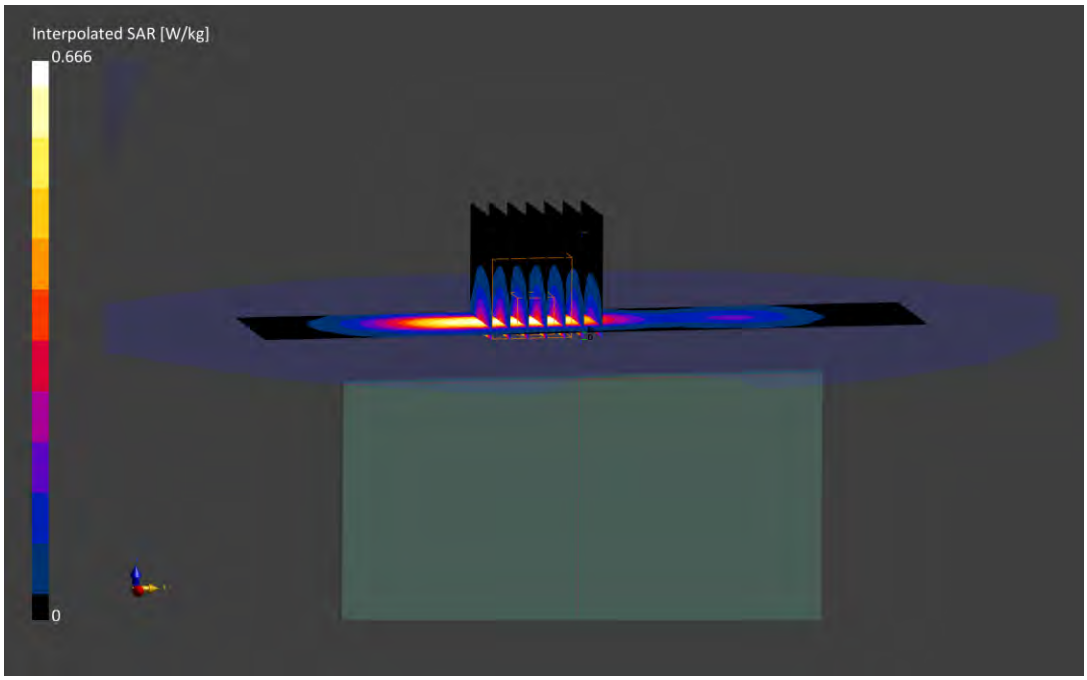
Communication System: UID:10415 - AAA, WLAN; MAIA: Y; Frequency: 2412.0 MHz
Medium: 2450 Body; Medium parameters used:
f = 2412.0 MHz; cond = 1.99 S/m; perm = 52.2; density = 1000 kg/m3
Phantom Section: Flat; Space: 10.00 mm

Test Date: 06/02/2022; Ambient Temp: 21.0°C; Tissue Temp: 22.0°C

Probe: EX3DV4 - SN7570; ConvF:(7.66,7.66,7.66); Calibrated: 2022-01-19
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1558; Calibrated: 2022-01-14
Phantom: Twin-SAM V8.0; Serial: 20063
Measurement SW: DASY Module SAR V16.0.2.136

Mode: IEEE 802.11b, 22 MHz Bandwidth, MIMO,
UMPC Body SAR, Top Edge, Ch. 1, 1 Mbps

Area Scan (40.0 x 180.0): 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 = 0.30 W/kg; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 0.666 W/kg
SAR(1 g) = 0.303 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 = 80.2 %



ELEMENT

DUT: A3LSMF936U; Type: Portable Handset; Serial: 0374M

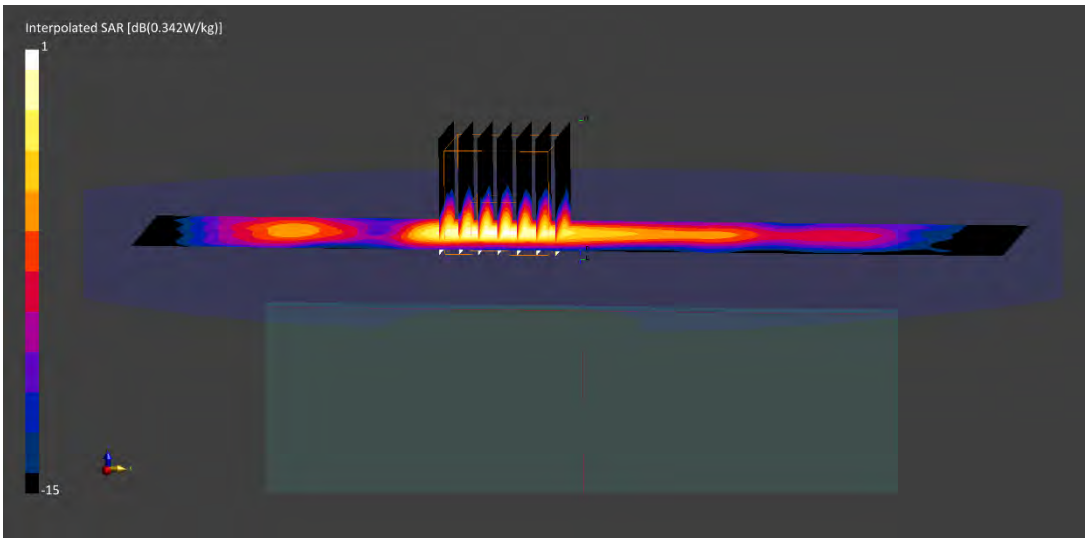
Communication System: UID:10196 - CAD, WLAN; MAIA: Y; Frequency: 5500.0 MHz
Medium: 5200-5800 Body; Medium parameters used:
f = 5500.0 MHz; cond = 5.73 S/m; perm = 46.9; density = 1000 kg/m3
Phantom Section: Flat; Space: 10.00 mm

Test Date: 05/02/2022; Ambient Temp: 22.6°C; Tissue Temp: 21.2°C

Probe: EX3DV4 - SN7527; ConvF:(4.16,4.16,4.16); Calibrated: 2022-03-21
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1272; Calibrated: 2022-03-16
Phantom: Twin-SAM V5.0; Serial: 1757
Measurement SW: DASY Module SAR V16.0.2.136

Mode: IEEE 801.11n, 20 MHz Bandwidth, UNII-2C, MIMO, Ch. 100,
UMPC Body SAR, Top Edge, 13 Mbps

Area Scan (40.0 x 180.0): Measurement grid: dx=5.0 mm, dy=10.0 mm
Zoom Scan (22.0 x 22.0 x 22.0): Measurement grid: dx=4.0 mm, dy=4.0 mm, dz=1.4 mm; Graded Ratio: 1.4
Reference Value = 0.22 W/kg; Power Drift = -0.06 dB
Peak SAR (extrapolated) = 0.923 W/kg
SAR(1 g) = 0.249 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 = 64.4 %



ELEMENT

DUT: A3LSMF936U; Type: Portable Handset; Serial: 0417M

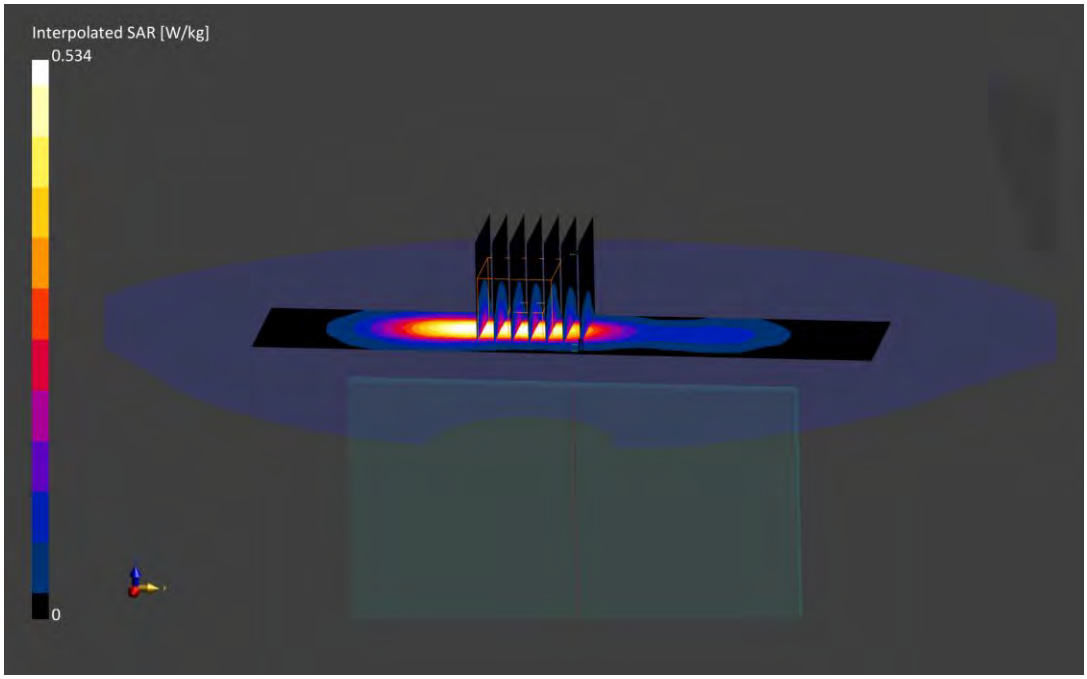
Communication System: UID:10032 - CAA, Bluetooth; MAIA: Y; Frequency: 2441.0 MHz
Medium: 2450 Body; Medium parameters used:
f = 2441.0 MHz; cond = 2.02 S/m; perm = 51.5; density = 1000 kg/m3
Phantom Section: Flat; Space: 10.00 mm

Test Date: 05/24/2022; Ambient Temp: 20.0°C; Tissue Temp: 21.5°C

Probe: EX3DV4 - SN7570; ConvF:(7.66,7.66,7.66); Calibrated: 2022-01-19
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1558; Calibrated: 2022-01-14
Phantom: Twin-SAM V8.0; Serial: 20063
Measurement SW: DASY Module SAR V16.0.2.136

Mode: Bluetooth, Antenna 1, UMPC Body SAR, Ch. 39, 1Mbps, Top Edge

Area Scan (40.0 x 180.0): 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 = 0.24 W/kg; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 0.534 W/kg
SAR(1 g) = 0.234 W/kg
Smallest distance from peaks to all points 3 dB below is 9.0 mm
Ratio of SAR at M2 to SAR at M1 = 78.3 %



ELEMENT

DUT: A3LSMF936U; Type: Portable Handset; Serial: 1792M

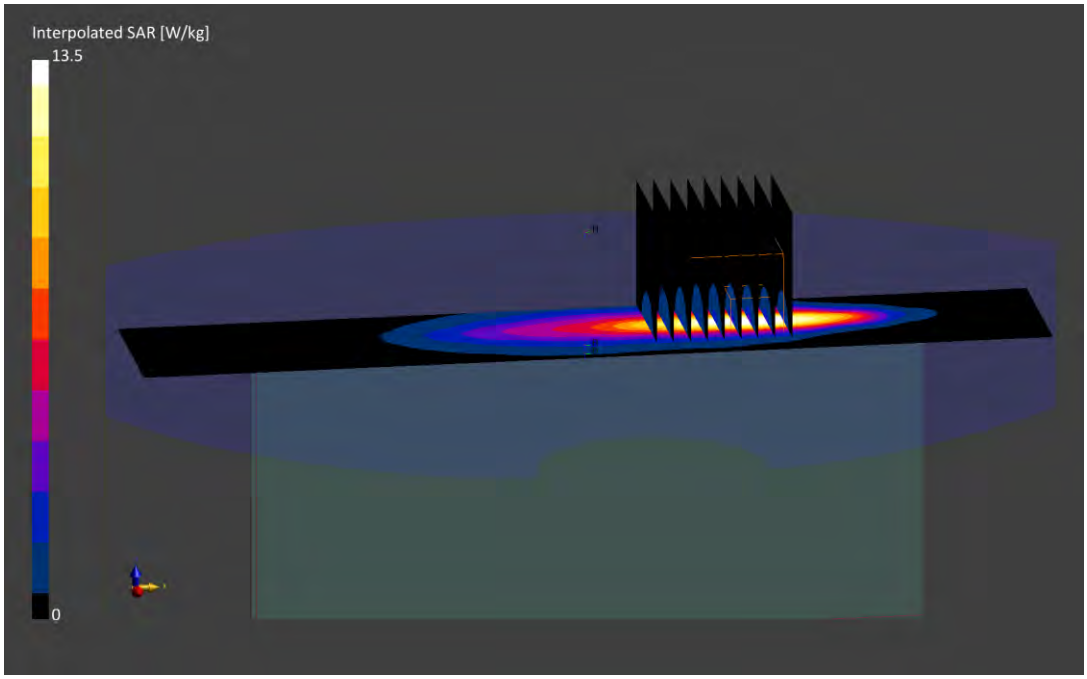
Communication System: UID:10027 - DAC, GSM; MAIA: Y; Frequency: 836.6 MHz
Medium: 835 Body; Medium parameters used:
f = 836.6 MHz; cond = 0.971 S/m; perm = 53.0; density = 1000 kg/m3
Phantom Section: Flat; Space: 0.0 cm

Test Date: 05/24/2022; Ambient Temp: 21.1°C; Tissue Temp: 21.3°C

Probe: EX3DV4 - SN7640; ConvF:(10.66,10.66,10.66); Calibrated: 2022-02-24
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1645; Calibrated: 2022-02-21
Phantom: Twin-SAM V5.0; Serial: 1868
Measurement SW: DASY Module SAR V16.0.2.136

Mode: GPRS 850, Antenna A+B, UMPC Extremity SAR, Right Edge, Mid Ch., 3 Tx Slots

Area Scan (40.0 x 210.0): Measurement grid: dx=5.0 mm, dy=15.0 mm
Zoom Scan (30.0 x 30.0 x 30.0): Measurement grid: dx=3.9 mm, dy=3.9 mm, dz=1.5 mm; Graded Ratio: 1.5
Reference Value = 2.62 W/kg; Power Drift = -0.03 dB
Peak SAR (extrapolated) = 13.5 W/kg
SAR(10 g) = 1.34 W/kg
Smallest distance from peaks to all points 3 dB below is 4.7 mm
Ratio of SAR at M2 to SAR at M1 = 56.8 %



ELEMENT

DUT: A3LSMF936U; Type: Portable Handset; Serial: 1317M

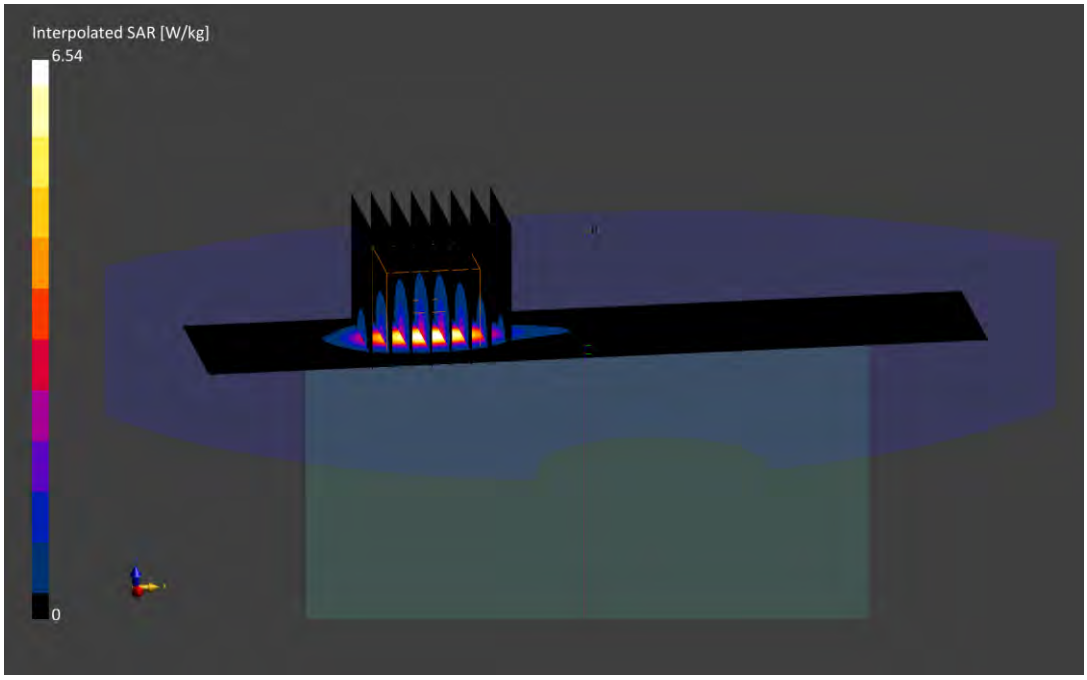
Communication System: UID:10028 - DAC, GSM; MAIA: Y; Frequency: 1850.2 MHz
Medium: 1900 Body; Medium parameters used:
f = 1850.2 MHz; cond = 1.51 S/m; perm = 52.2; density = 1000 kg/m3
Phantom Section: Flat; Space: 0.00 mm

Test Date: 05/08/2022; Ambient Temp: 22.1°C; Tissue Temp: 20.9°C

Probe: EX3DV4 - SN7406; ConvF:(7.66,7.66,7.66); Calibrated: 2021-07-20
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1676; Calibrated: 2021-06-21
Phantom: Twin-SAM V8.0; Serial: 2058
Measurement SW: DASY Module SAR V16.0.2.83

Mode: GPRS 1900, UMPC Extremity SAR, Bottom Edge, Low Ch., 4 Tx Slots

Area Scan (40.0 x 180.0): Measurement grid: dx=5.0 mm, dy=15.0 mm
Zoom Scan (30.0 x 30.0 x 30.0): Measurement grid: dx=4.59 mm, dy=4.59 mm, dz=1.5 mm; Graded Ratio: 1.5
Reference Value = 2.63 W/kg; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 6.54 W/kg
SAR(10 g) = 1.06 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 = 74.4 %



ELEMENT

DUT: A3LSMF936U; Type: Portable Handset; Serial: 1792M

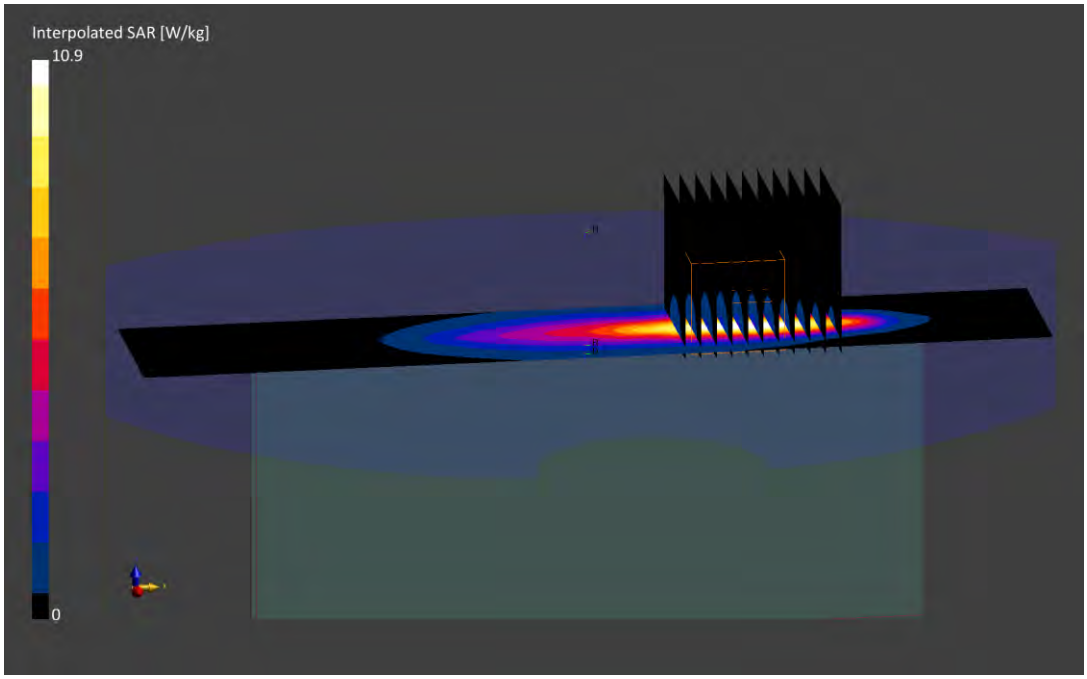
Communication System: UID:10011 - CAB, WCDMA; MAIA: Y; Frequency: 826.4 MHz
Medium: 835 Body; Medium parameters used:
f = 826.4 MHz; cond = 0.960 S/m; perm = 53.1; density = 1000 kg/m3
Phantom Section: Flat; Space: 0.0 cm

Test Date: 05/24/2022; Ambient Temp: 21.1°C; Tissue Temp: 21.3°C

Probe: EX3DV4 - SN7640; ConvF:(10.66,10.66,10.66); Calibrated: 2022-02-24
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1645; Calibrated: 2022-02-21
Phantom: Twin-SAM V5.0; Serial: 1868
Measurement SW: DASY Module SAR V16.0.2.136

Mode: UMTS 850, Antenna A+B, UMPC Extremity SAR, Right Edge, Low Ch.

Area Scan (40.0 x 210.0): Measurement grid: dx=5.0 mm, dy=15.0 mm
Zoom Scan (30.0 x 30.0 x 30.0): Measurement grid: dx=3.6 mm, dy=3.6 mm, dz=1.4 mm; Graded Ratio: 1.4
Reference Value = 1.91 W/kg; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 10.9 W/kg
SAR(10 g) = 0.990 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 = 54.5 %



ELEMENT

DUT: A3LSMF936U; Type: Portable Handset; Serial: 1331M

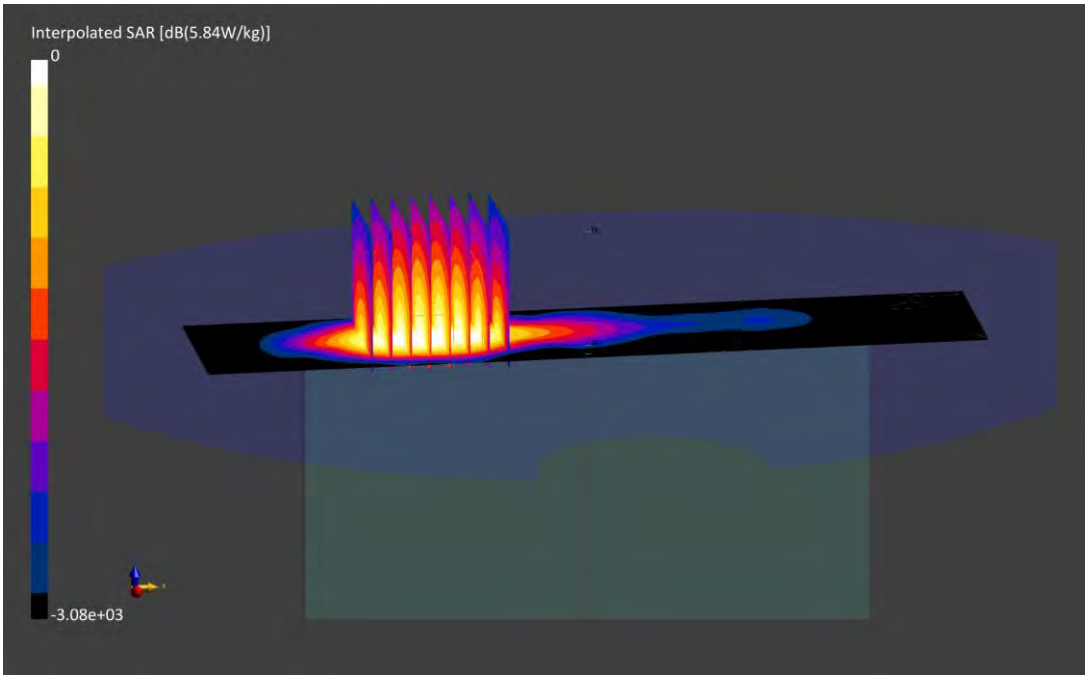
Communication System: UID:10011 - CAB, WCDMA; MAIA: Y; Frequency: 1732.4 MHz
Medium: 1750 Body; Medium parameters used:
f = 1732.4 MHz; cond = 1.48 S/m; perm = 52.6; density = 1000 kg/m3
Phantom Section: Flat; Space: 0.00 mm

Test Date: 05/08/2022; Ambient Temp: 21.5°C; Tissue Temp: 20.5°C

Probe: EX3DV4 - SN7670; ConvF:(8.36,8.36,8.36); Calibrated: 2021-08-05
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1681; Calibrated: 2021-08-03
Phantom: Twin-SAM V8.0; Serial: 1966
Measurement SW: DASY Module SAR V16.0.2.136

Mode: UMTS 1750, UMPC Extremity SAR, Bottom Edge, Mid Ch.

Area Scan (40.0 x 180.0): 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=1.5 mm; Graded Ratio: 1.5
Reference Value = 3.74 W/kg; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 10.0 W/kg
SAR(10 g) = 1.66 W/kg
Smallest distance from peaks to all points 3 dB below is 5.4 mm
Ratio of SAR at M2 to SAR at M1 = 75.4 %



ELEMENT

DUT: A3LSMF936U; Type: Portable Handset; Serial: 1787M

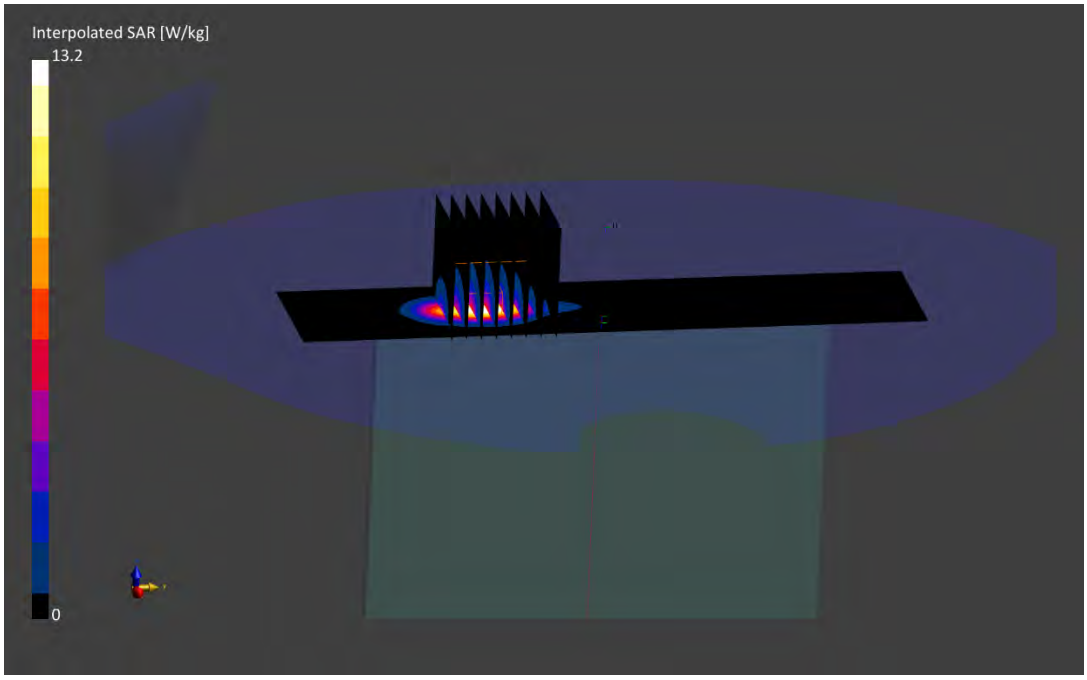
Communication System: UID:10011 - CAB, WCDMA; MAIA: Y; Frequency: 1907.6 MHz
Medium: 1900 Body; Medium parameters used:
f = 1907.6 MHz; cond = 1.58 S/m; perm = 52.0; density = 1000 kg/m3
Phantom Section: Flat; Space: 0.00 mm

Test Date: 05/08/2022; Ambient Temp: 22.1°C; Tissue Temp: 20.9°C

Probe: EX3DV4 - SN7406; ConvF:(7.66,7.66,7.66); Calibrated: 2021-07-20
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1676; Calibrated: 2021-06-21
Phantom: Twin-SAM V8.0; Serial: 2058
Measurement SW: DASY Module SAR V16.0.2.83

Mode: UMTS 1900, UMPC Extremity SAR, Bottom Edge, High Ch.

Area Scan (40.0 x 180.0): Measurement grid: dx=5.0 mm, dy=15.0 mm
Zoom Scan (30.0 x 30.0 x 30.0): Measurement grid: dx=4.3 mm, dy=4.3 mm, dz=1.5 mm; Graded Ratio: 1.5
Reference Value = 5.21 W/kg; Power Drift = 0.03 dB
Peak SAR (extrapolated) = 13.2 W/kg
SAR(10 g) = 2.10 W/kg
Smallest distance from peaks to all points 3 dB below is 6.0 mm
Ratio of SAR at M2 to SAR at M1 = 76.1 %



ELEMENT

DUT: A3LSMF936U; Type: Portable Handset; Serial: 1798M

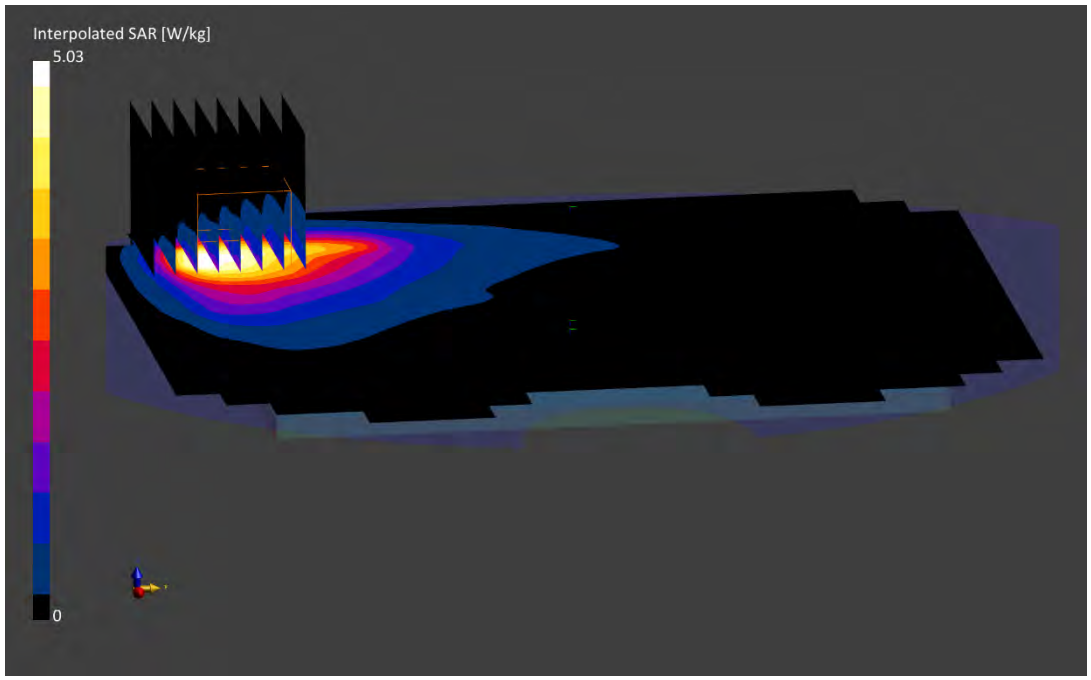
Communication System: UID:10169 - CAE, LTE-FDD; MAIA: Y; Frequency: 680.5 MHz
Medium: 750 Body; Medium parameters used:
f = 680.5 MHz; cond = 0.948 S/m; perm = 54.7; density = 1000 kg/m3
Phantom Section: Flat; Space: 0.00 mm

Test Date: 05/02/2022; Ambient Temp: 22.0°C; Tissue Temp: 22.6°C

Probe: EX3DV4 - SN7565; ConvF:(9.78,9.78,9.78); Calibrated: 2021-11-15
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1466; Calibrated: 2021-11-11
Phantom: Twin-SAM V8.0; Serial: 1934
Measurement SW: DASY Module SAR V16.0.2.136

Mode: LTE Band 71, Antenna A +B, UMPC Extremity SAR, Back Side, Mid Ch., 20 MHz Bandwidth, QPSK, 1 RB, 0 RB Offset

Area Scan (180.0 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=1.4 mm; Graded Ratio: 1.4
Reference Value = 1.05 W/kg; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 5.03 W/kg
SAR(10 g) = 0.848 W/kg
Smallest distance from peaks to all points 3 dB below is 5.4 mm
Ratio of SAR at M2 to SAR at M1 = 61.8 %



ELEMENT

DUT: A3LSMF936U; Type: Portable Handset; Serial: 1798M

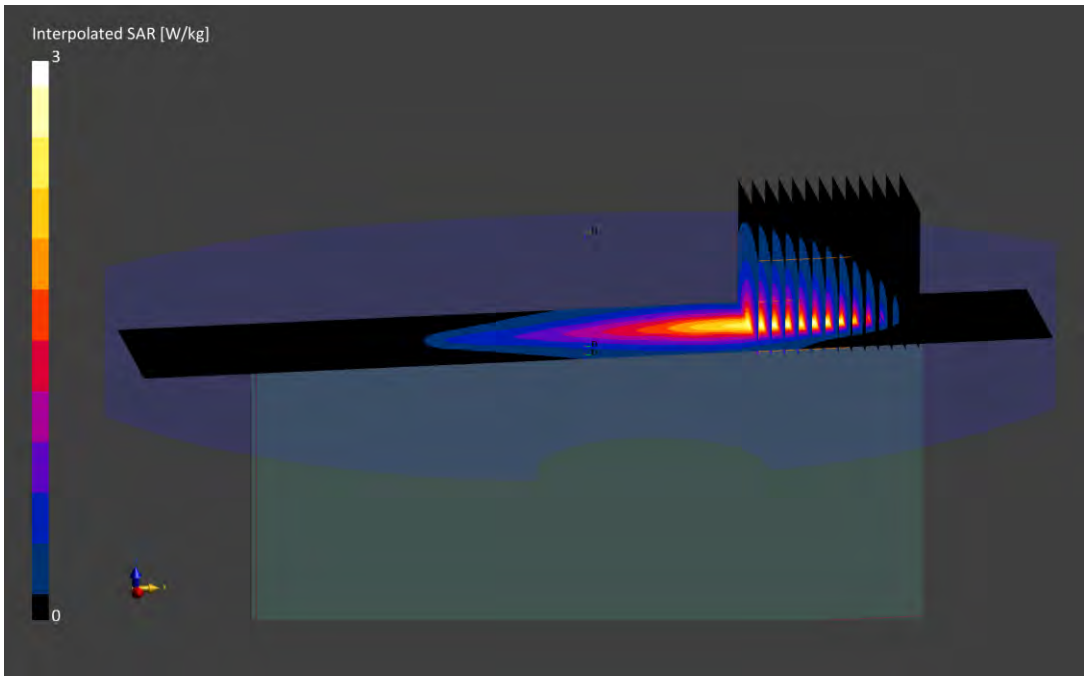
Communication System: UID:10175 - CAG, LTE-FDD; MAIA: Y; Frequency: 707.5 MHz
Medium: 750 Body; Medium parameters used:
f = 707.5 MHz; cond = 0.948 S/m; perm = 54.5; density = 1000 kg/m3
Phantom Section: Flat; Space: 0.00 mm

Test Date: 05/09/2022; Ambient Temp: 21.8°C; Tissue Temp: 21.0°C

Probe: EX3DV4 - SN7565; ConvF:(9.78,9.78,9.78); Calibrated: 2021-11-15
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1466; Calibrated: 2021-11-11
Phantom: Twin-SAM V8.0; Serial: 1934
Measurement SW: DASY Module SAR V16.0.2.136

Mode: LTE Band 12, Antenna A+B, UMPC Extremity SAR, Right Edge, Mid Ch., 10 MHz Bandwidth, QPSK, 1 RB, 25 RB Offset

Area Scan (40.0 x 210.0): Measurement grid: dx=5.0 mm, dy=15.0 mm
Zoom Scan (30.0 x 30.0 x 30.0): Measurement grid: dx=3.1 mm, dy=3.1 mm, dz=1.2 mm; Graded Ratio: 1.2
Reference Value = 2.10 W/kg; Power Drift = -0.04 dB
Peak SAR (extrapolated) = 9.63 W/kg
SAR(10 g) = 0.927 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 = 56.5 %



ELEMENT

DUT: A3LSMF936U; Type: Portable Handset; Serial: 1798M

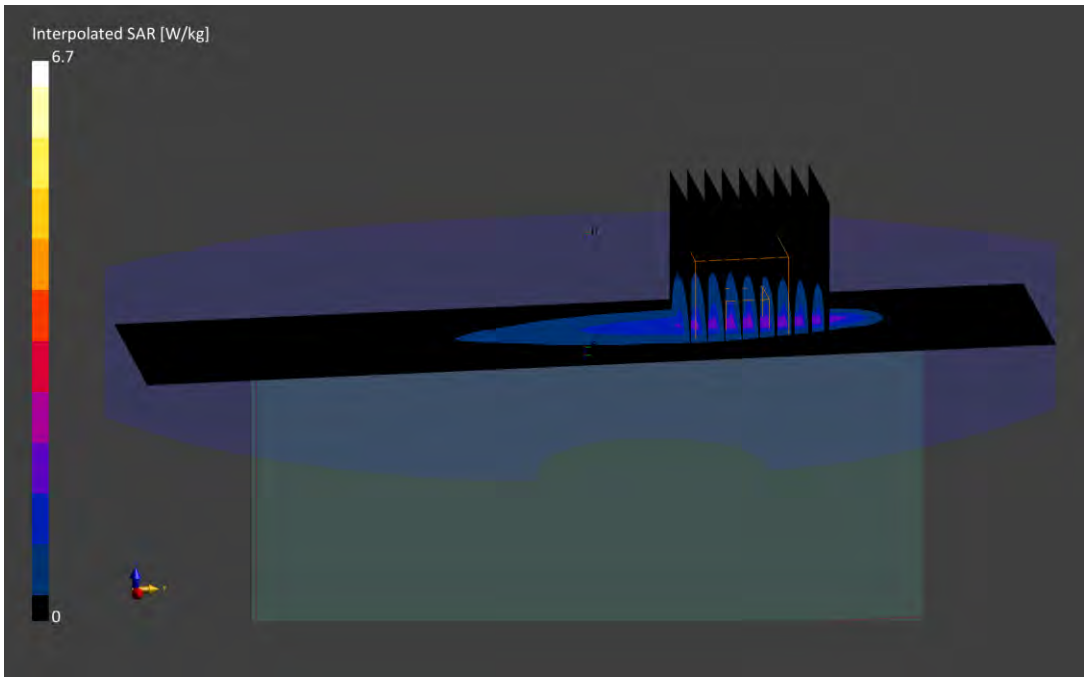
Communication System: UID:10175 - CAG, LTE-FDD; MAIA: Y; Frequency: 782.0 MHz
Medium: 750 Body; Medium parameters used:
f = 782.0 MHz; cond = 1.00 S/m; perm = 52.9; density = 1000 kg/m3
Phantom Section: Flat; Space: 0.00 mm

Test Date: 05/24/2022; Ambient Temp: 20.5°C; Tissue Temp: 20.3°C

Probe: EX3DV4 - SN7565; ConvF:(9.78,9.78,9.78); Calibrated: 2021-11-15
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1466; Calibrated: 2021-11-11
Phantom: Twin-SAM V8.0; Serial: 1934
Measurement SW: DASY Module SAR V16.0.2.136

Mode: LTE Band 13, Antenna A+B, UMPC Extremity SAR, Right edge, Mid Ch., 10 MHz Bandwidth, QPSK, 1 RB, 25 RB Offset

Area Scan (50.0 x 210.0): Measurement grid: dx=5.0 mm, dy=15.0 mm
Zoom Scan (30.0 x 30.0 x 30.0): Measurement grid: dx=4.0 mm, dy=4.0 mm, dz=1.4 mm; Graded Ratio: 1.4
Reference Value = 1.81 W/kg; Power Drift = 0.10 dB
Peak SAR (extrapolated) = 6.69 W/kg
SAR(10 g) = 0.866 W/kg
Smallest distance from peaks to all points 3 dB below is 4.8 mm
Ratio of SAR at M2 to SAR at M1 = 64.3 %



ELEMENT

DUT: A3LSMF936U; Type: Portable Handset; Serial: 1798M

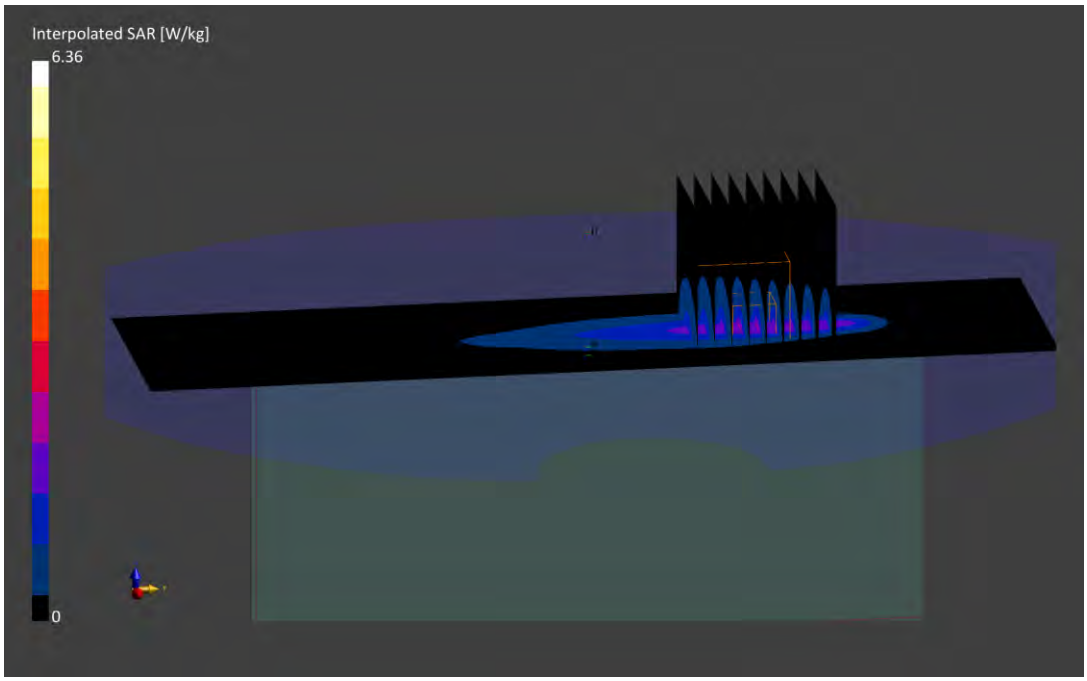
Communication System: UID:10175 - CAG, LTE-FDD; MAIA: Y; Frequency: 793.0 MHz
Medium: 750 Body; Medium parameters used:
f = 793.0 MHz; cond = 1.00 S/m; perm = 52.8; density = 1000 kg/m3
Phantom Section: Flat; Space: 0.00 mm

Test Date: 05/26/2022; Ambient Temp: 21.1°C; Tissue Temp: 20.8°C

Probe: EX3DV4 - SN7565; ConvF:(9.78,9.78,9.78); Calibrated: 2021-11-15
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1466; Calibrated: 2021-11-11
Phantom: Twin-SAM V8.0; Serial: 1934
Measurement SW: DASY Module SAR V16.0.2.136

Mode: LTE Band 14, Antenna A+B, UMPC Extremity SAR, Right edge, Mid Ch., 10 MHz Bandwidth, QPSK, 1 RB, 25 RB Offset

Area Scan (60.0 x 210.0): Measurement grid: dx=5.0 mm, dy=15.0 mm
Zoom Scan (30.0 x 30.0 x 30.0): Measurement grid: dx=4.0 mm, dy=4.0 mm, dz=1.4 mm; Graded Ratio: 1.4
Reference Value = 1.79 W/kg; Power Drift = -0.09 dB
Peak SAR (extrapolated) = 6.36 W/kg
SAR(10 g) = 0.862 W/kg
Smallest distance from peaks to all points 3 dB below is 5.6 mm
Ratio of SAR at M2 to SAR at M1 = 65.3 %



ELEMENT

DUT: A3LSMF936U; Type: Portable Handset; Serial: 1792M

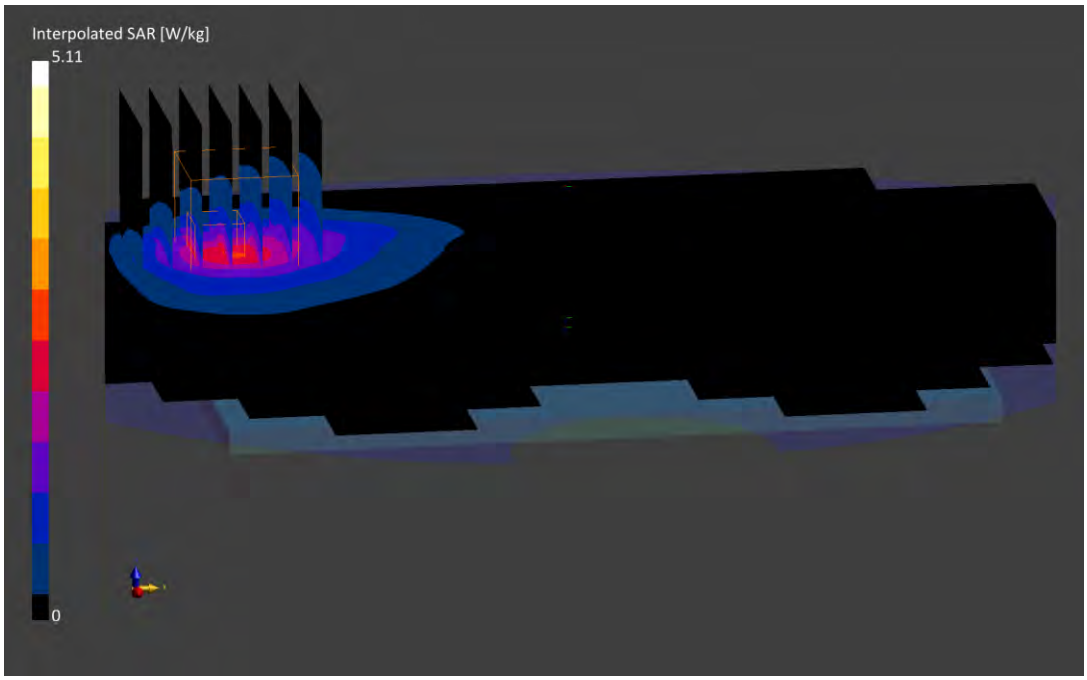
Communication System: UID:10181 - CAE, LTE-FDD; MAIA: Y; Frequency: 831.5 MHz
Medium: 835 Body; Medium parameters used:
f = 831.5 MHz; cond = 0.960 S/m; perm = 53.6; density = 1000 kg/m3
Phantom Section: Flat; Space: 0.0 cm

Test Date: 05/22/2022; Ambient Temp: 20.9°C; Tissue Temp: 21.3°C

Probe: EX3DV4 - SN7640; ConvF:(10.66,10.66,10.66); Calibrated: 2022-02-24
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1645; Calibrated: 2022-02-21
Phantom: Twin-SAM V5.0; Serial: 1868
Measurement SW: DASY Module SAR V16.0.2.136

Mode: LTE Band 26, Antenna A+B, UMPC Extremity SAR, Back Side, Mid Ch., 15 MHz Bandwidth, QPSK, 1 RB, 36 RB Offset

Area Scan (180.0 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 = 2.00 W/kg; Power Drift = 0.00 dB
Peak SAR (extrapolated) = 5.11 W/kg
SAR(10 g) = 1.17 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 = 70.4 %



ELEMENT

DUT: A3LSMF936U; Type: Portable Handset; Serial: 1785M

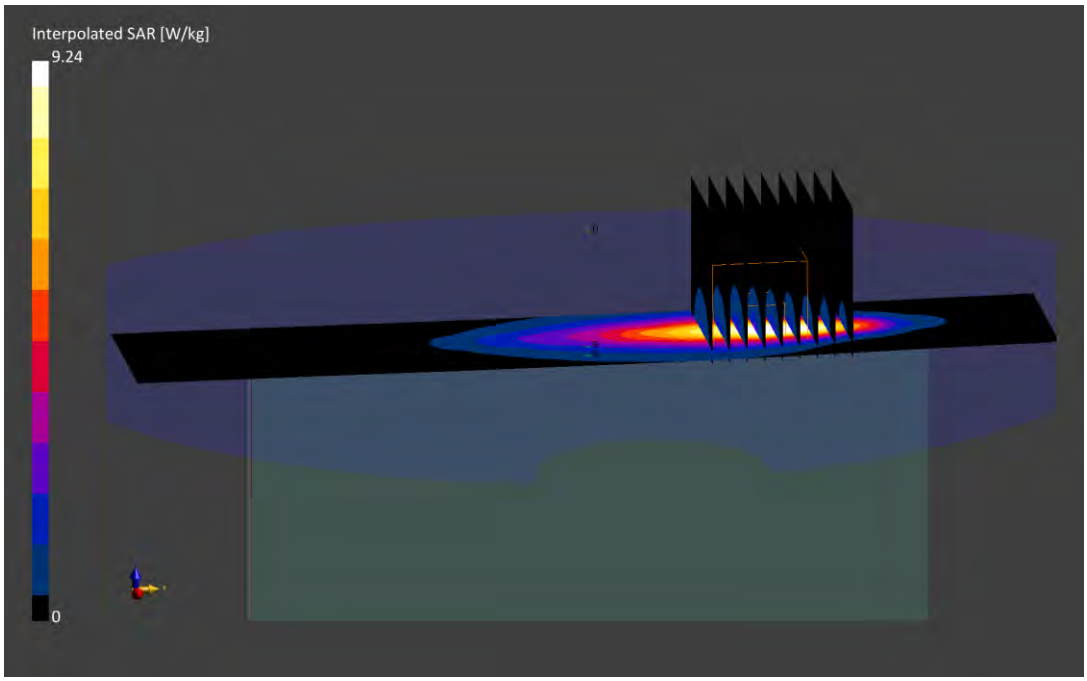
Communication System: UID:10175 - CAG, LTE-FDD; MAIA: Y; Frequency: 836.5 MHz
Medium: 835 Body; Medium parameters used:
f = 836.5 MHz; cond = 0.971 S/m; perm = 53.0; density = 1000 kg/m3
Phantom Section: Flat; Space: 0.00 mm

Test Date: 05/24/2022; Ambient Temp: 21.1°C; Tissue Temp: 21.3°C

Probe: EX3DV4 - SN7640; ConvF:(10.66,10.66,10.66); Calibrated: 2022-02-24
Sensor-Surface: 1.4mm (All points)
Electronics: DAE4 Sn1645; Calibrated: 2022-02-21
Phantom: Twin-SAM V5.0; Serial: 1868
Measurement SW: DASY Module SAR V16.0.2.136

Mode: LTE Band 5, Antenna A+B, UMPC Extremity SAR, Right Edge, Mid Ch., 10 MHz Bandwidth, QPSK, 1 RB, 25 RB Offset

Area Scan (40.0 x 210.0): Measurement grid: dx=5.0 mm, dy=15.0 mm
Zoom Scan (30.0 x 30.0 x 30.0): Measurement grid: dx=4.0 mm, dy=4.0 mm, dz=1.4 mm; Graded Ratio: 1.4
Reference Value = 1.65 W/kg; Power Drift = -0.14 dB
Peak SAR (extrapolated) = 9.24 W/kg
SAR(10 g) = 1.01 W/kg
Smallest distance from peaks to all points 3 dB below is 5.1 mm
Ratio of SAR at M2 to SAR at M1 = 59.4 %



ELEMENT

DUT: A3LSMF936U; Type: Portable Handset; Serial: 1808M

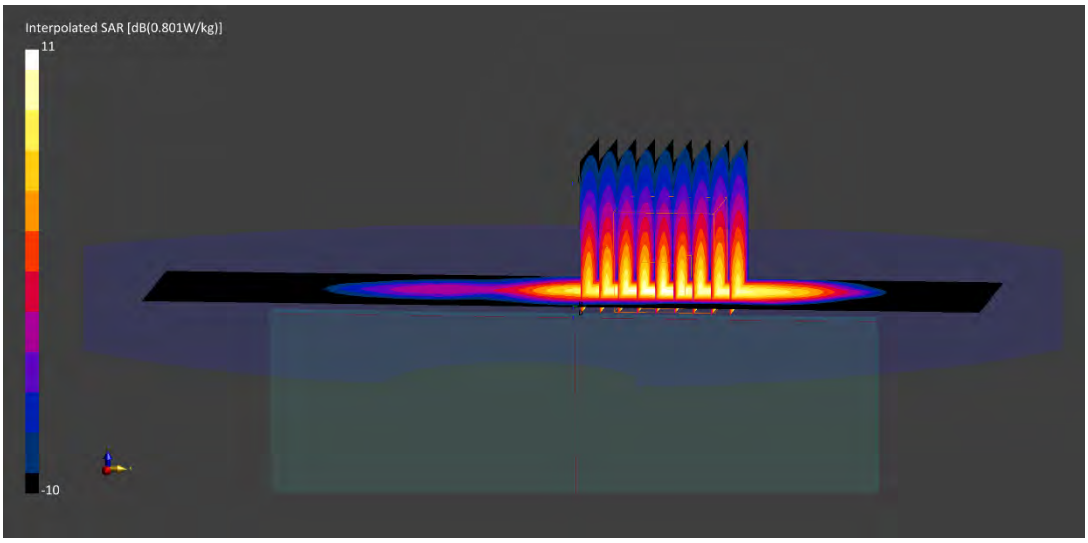
Communication System: UID:10169 - CAE, LTE-FDD; MAIA: Y; Frequency: 1745.0 MHz
Medium: 1750 Body; Medium parameters used:
f = 1745.0 MHz; cond = 1.51 S/m; perm = 51.7; density = 1000 kg/m3
Phantom Section: Flat; Space: 0.00 mm

Test Date: 05/12/2022; Ambient Temp: 20.9°C; Tissue Temp: 20.5°C

Probe: EX3DV4 - SN7670; ConvF:(8.36,8.36,8.36); Calibrated: 2021-08-05
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1681; Calibrated: 2021-08-03
Phantom: Twin-SAM V8.0; Serial: 1966
Measurement SW: DASY Module SAR V16.0.2.136

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

Area Scan (40.0 x 180.0): Measurement grid: dx=5.0 mm, dy=15.0 mm
Zoom Scan (30.0 x 30.0 x 30.0): Measurement grid: dx=4.0 mm, dy=4.0 mm, dz=1.5 mm; Graded Ratio: 1.5
Reference Value = 4.63 W/kg; Power Drift = -0.02 dB
Peak SAR (extrapolated) = 17.3 W/kg
SAR(10 g) = 1.97 W/kg
Smallest distance from peaks to all points 3 dB below is 4.8 mm
Ratio of SAR at M2 to SAR at M1 = 66.7 %



ELEMENT

DUT: A3LSMF936U; Type: Portable Handset; Serial: 1787M

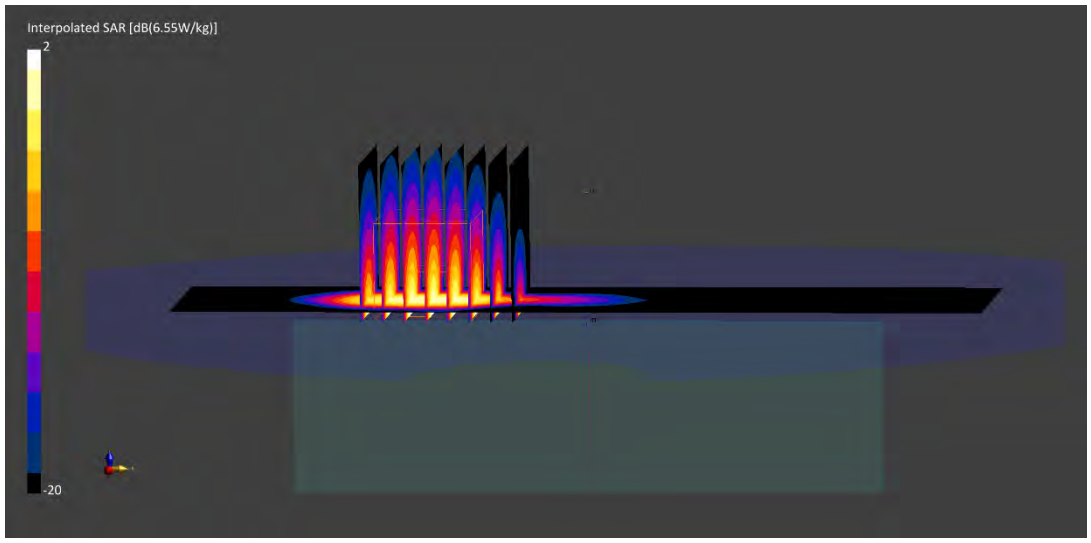
Communication System: UID:10297 - AAD, LTE-FDD; MAIA: Y; Frequency: 1905.0 MHz
Medium: 1900 Body; Medium parameters used:
f = 1905.0 MHz; cond = 1.55 S/m; perm = 52.2; density = 1000 kg/m3
Phantom Section: Flat; Space: 0.00 mm

Test Date: 05/05/2022; Ambient Temp: 24.5°C; Tissue Temp: 23.5°C

Probe: EX3DV4 - SN7406; ConvF:(7.66,7.66,7.66); Calibrated: 2021-07-20
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1676; Calibrated: 2021-06-21
Phantom: Twin-SAM V8.0; Serial: 2058
Measurement SW: DASY Module SAR V16.0.2.136

Mode: LTE Band 25, Antenna B, UMPC Extremity SAR, Bottom Edge, High Ch., 20 MHz Bandwidth, QPSK, 50 RB, 50 RB Offset

Area Scan (40.0 x 180.0): Measurement grid: dx=5.0 mm, dy=15.0 mm
Zoom Scan (30.0 x 30.0 x 30.0): Measurement grid: dx=4.8 mm, dy=4.8 mm, dz=1.4 mm; Graded Ratio: 1.4
Reference Value = 4.64 W/kg; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 11.9 W/kg
SAR(10 g) = 1.88 W/kg
Smallest distance from peaks to all points 3 dB below is 5.8 mm
Ratio of SAR at M2 to SAR at M1 = 75.9 %



ELEMENT

DUT: A3LSMF936U; Type: Portable Handset; Serial: 1820M

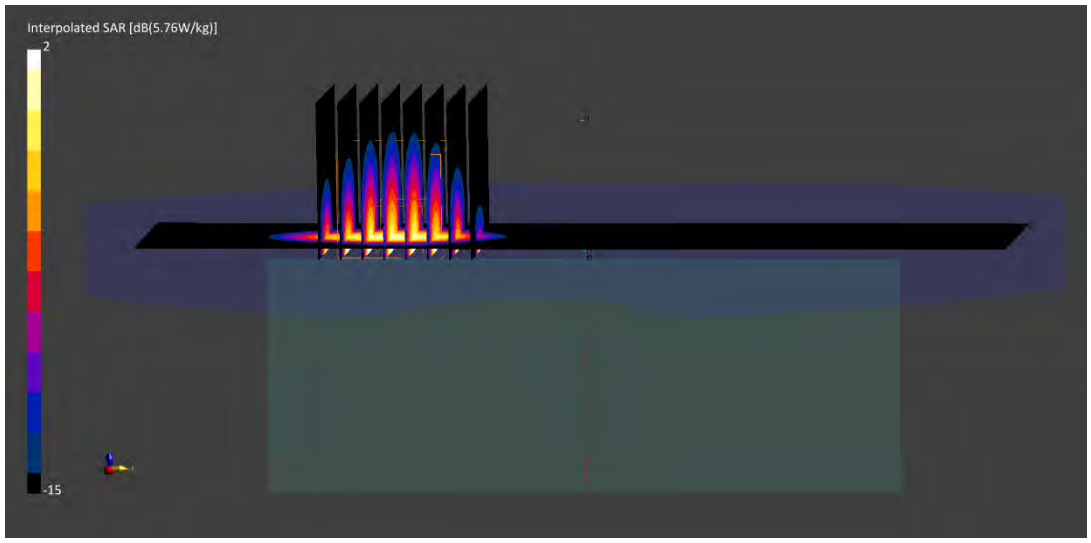
Communication System: UID:10175 - CAG, LTE-FDD; MAIA: Y; Frequency: 2310.0 MHz
Medium: 2450 Body; Medium parameters used:
f = 2310.0 MHz; cond = 1.83 S/m; perm = 51.4; density = 1000 kg/m3
Phantom Section: Flat; Space: 0.00 mm

Test Date: 05/31/2022; Ambient Temp: 24.4°C; Tissue Temp: 22.0°C

Probe: EX3DV4 - SN7409; ConvF:(7.46,7.46,7.46); Calibrated: 2021-06-21
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1334; Calibrated: 2021-06-15
Phantom: Twin-SAM V5.0; Serial: 1759
Measurement SW: DASY Module SAR V16.0.2.136

Mode: LTE Band 30, Antenna B, UMPC Extremity SAR, Bottom Edge, Mid Ch., 10 MHz Bandwidth, QPSK, 1 RB, 0 RB Offset

Area Scan (40.0 x 180.0): Measurement grid: dx=5.0 mm, dy=10.0 mm
Zoom Scan (30.0 x 30.0 x 30.0): Measurement grid: dx=4.5 mm, dy=4.5 mm, dz=1.5 mm; Graded Ratio: 1.5
Reference Value = 3.83 W/kg; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 10.2 W/kg
SAR(10 g) = 1.39 W/kg
Smallest distance from peaks to all points 3 dB below is 4.6 mm
Ratio of SAR at M2 to SAR at M1 = 71.7 %



ELEMENT

DUT: A3LSMF936U; Type: Portable Handset; Serial: 1713M

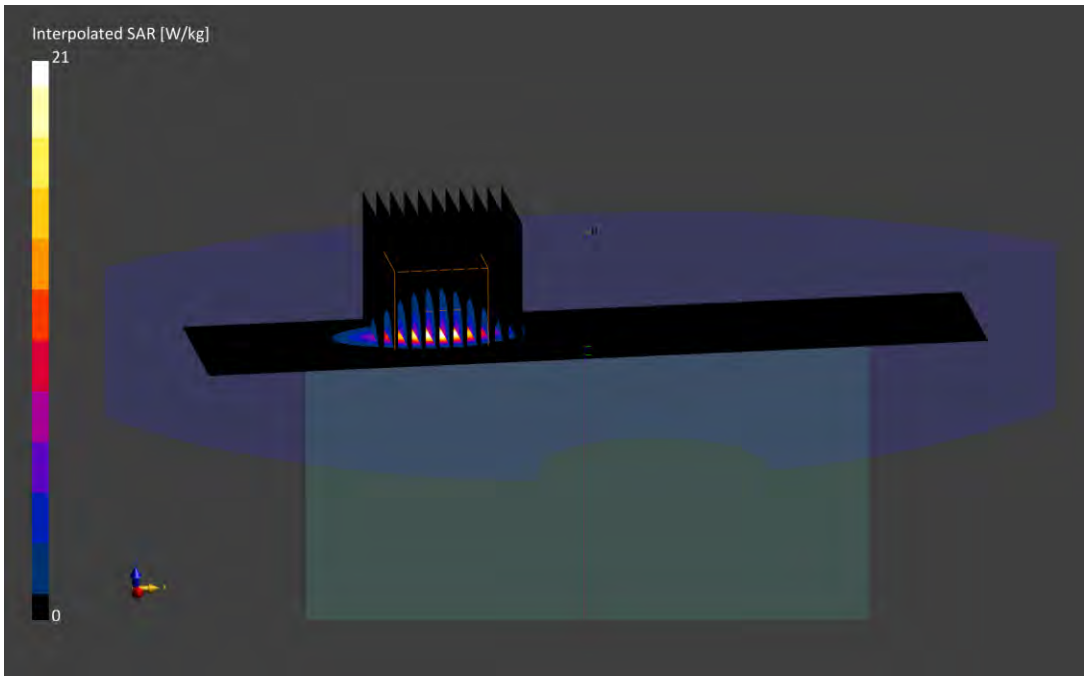
Communication System: UID:10169 - CAE, LTE-FDD; MAIA: Y; Frequency: 2560.0 MHz
Medium: 2450 Body; Medium parameters used:
f = 2560.0 MHz; cond = 2.14 S/m; perm = 50.8; density = 1000 kg/m3
Phantom Section: Flat; Space: 0.00 mm

Test Date: 05/18/2022; Ambient Temp: 21.5°C; Tissue Temp: 22.2°C

Probe: EX3DV4 - SN7552; ConvF:(7.28,7.28,7.28); Calibrated: 2021-09-20
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1680; Calibrated: 2021-08-04
Phantom: Twin-SAM V8.0; Serial: 2065
Measurement SW: DASY Module SAR V16.0.2.83

Mode: LTE Band 7, Antenna B, UMPC Extremity SAR, Bottom Edge, High Ch., 20 MHz Bandwidth, QPSK, 1 RB, 0 RB Offset

Area Scan (40.0 x 180.0): Measurement grid: dx=5.0 mm, dy=10.0 mm
Zoom Scan (30.0 x 30.0 x 30.0): Measurement grid: dx=3.2 mm, dy=3.2 mm, dz=1.5 mm; Graded Ratio: 1.5
Reference Value = 9.28 W/kg; Power Drift = -0.07 dB
Peak SAR (extrapolated) = 21.0 W/kg
SAR(10 g) = 2.25 W/kg
Smallest distance from peaks to all points 3 dB below is 4.5 mm
Ratio of SAR at M2 to SAR at M1 = 70.5 %



ELEMENT

DUT: A3LSMF936U; Type: Portable Handset; Serial: 1713M

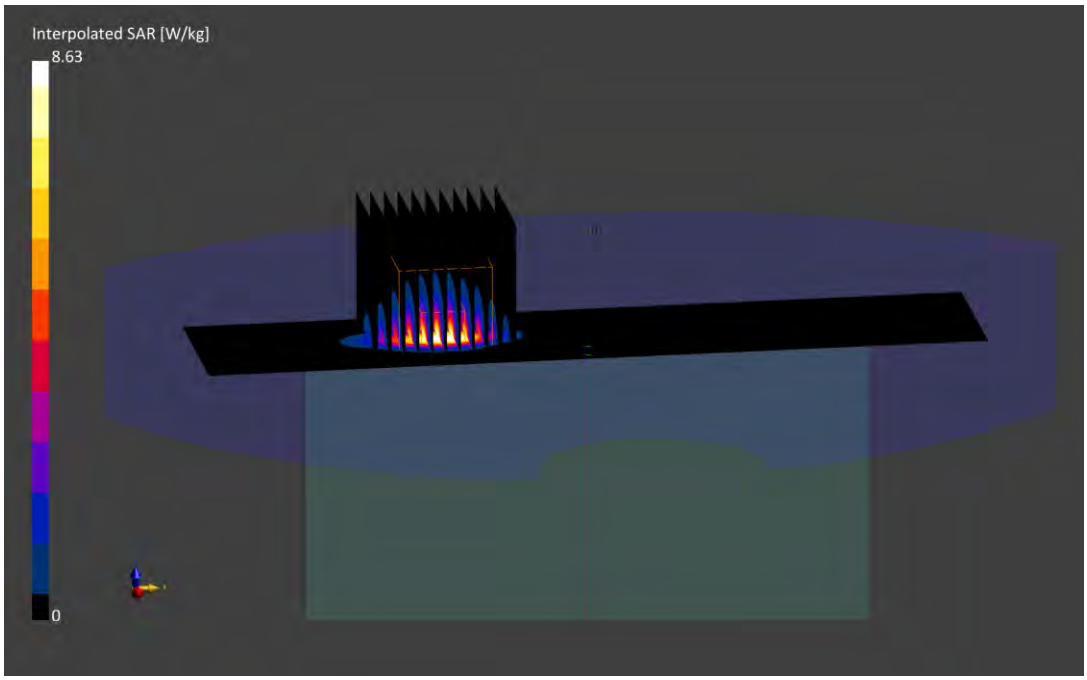
Communication System: UID:10435 - AAF, LTE-TDD; MAIA: Y; Frequency: 2680.0 MHz
Medium: 2450 Body; Medium parameters used:
f = 2680.0 MHz; cond = 2.31 S/m; perm = 50.3; density = 1000 kg/m3
Phantom Section: Flat; Space: 0.00 mm

Test Date: 05/18/2022; Ambient Temp: 21.5°C; Tissue Temp: 22.2°C

Probe: EX3DV4 - SN7552; ConvF:(7.28,7.28,7.28); Calibrated: 2021-09-20
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1680; Calibrated: 2021-08-04
Phantom: Twin-SAM V8.0; Serial: 2065
Measurement SW: DASY Module SAR V16.0.2.83

Mode: LTE Band 41, Antenna B, UMPC Extremity SAR, Bottom Edge, High Ch., 20 MHz Bandwidth, QPSK, 1 RB, 50 RB Offset

Area Scan (40.0 x 180.0): Measurement grid: dx=5.0 mm, dy=10.0 mm
Zoom Scan (30.0 x 30.0 x 30.0): Measurement grid: dx=3.2 mm, dy=3.2 mm, dz=1.5 mm; Graded Ratio: 1.5
Reference Value = 8.20 W/kg; Power Drift = 0.06 dB
Peak SAR (extrapolated) = 18.6 W/kg
SAR(10 g) = 1.85 W/kg
Smallest distance from peaks to all points 3 dB below is 4.5 mm
Ratio of SAR at M2 to SAR at M1 = 69.7 %



ELEMENT

DUT: A3LSMF936U; Type: Portable Handset; Serial: 1803M

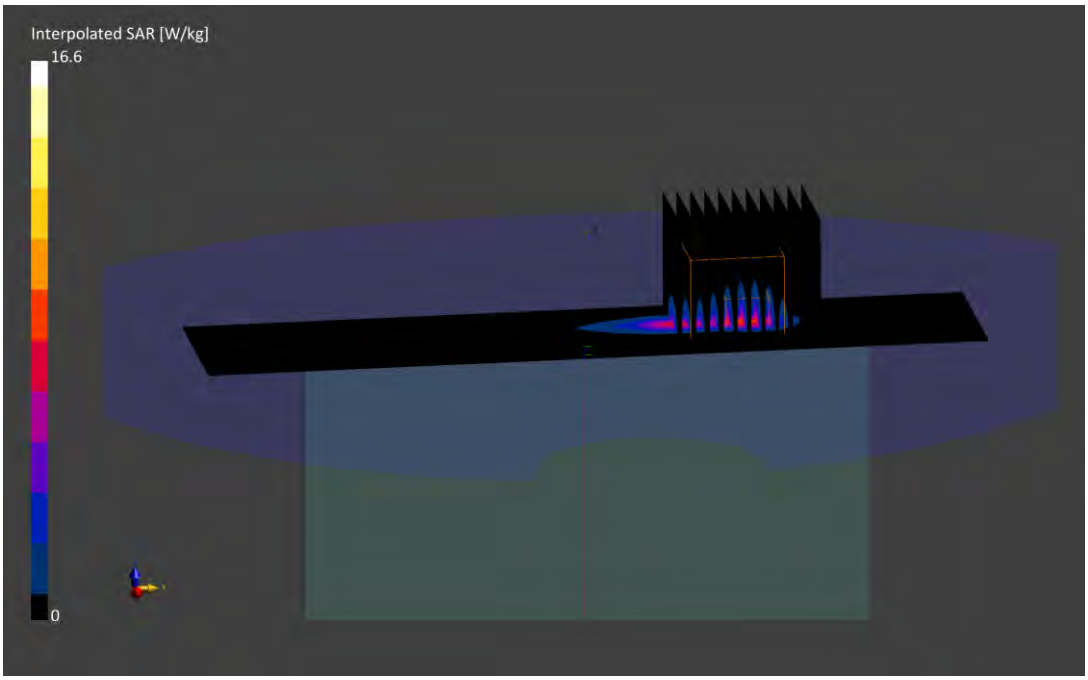
Communication System: UID:10494 - AAF, LTE-TDD; MAIA: Y; Frequency: 3560.0 MHz
Medium: 3600 Body; Medium parameters used:
f = 3560.0 MHz; cond = 3.27 S/m; perm = 50.9; density = 1000 kg/m3
Phantom Section: Flat; Space: 0.00 mm

Test Date: 05/04/2022; Ambient Temp: 23.7°C; Tissue Temp: 22.6°C

Probe: EX3DV4 - SN7538; ConvF:(6.46,6.46,6.46); Calibrated: 2021-11-16
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1323; Calibrated: 2021-11-10
Phantom: Twin-SAM V8.0; Serial: 2056
Measurement SW: DASY Module SAR V16.0.2.83

Mode: LTE Band 48, UMPC Extremity SAR, Top Edge, Low Ch.,
20 MHz Bandwidth, QPSK, 50 RB, 25 RB Offset

Area Scan (40.0 x 180.0): Measurement grid: dx=5.0 mm, dy=10.0 mm
Zoom Scan (28.0 x 28.0 x 28.0): Measurement grid: dx=3.2 mm, dy=3.2 mm, dz=1.4 mm; Graded Ratio: 1.5
Reference Value = 9.23 W/kg; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 16.6 W/kg
SAR(10 g) = 1.49 W/kg
Smallest distance from peaks to all points 3 dB below is 4.5 mm
Ratio of SAR at M2 to SAR at M1 = 74.9 %



ELEMENT

DUT: A3LSMF936U; Type: Portable Handset; Serial: 2719M

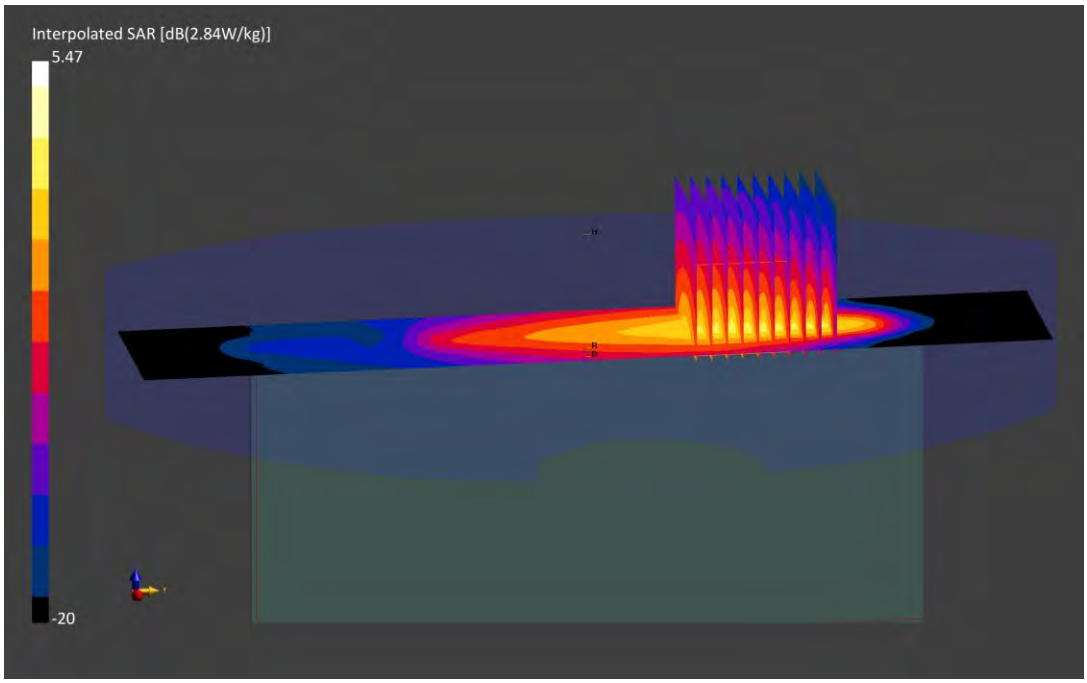
Communication System: UID:10931 - AAC, 5G NR FR1 FDD; MAIA: Y; Frequency: 680.5 MHz
Medium: 750 Body; Medium parameters used:
f = 680.5 MHz; cond = 0.920 S/m; perm = 53.3; density = 1000 kg/m3
Phantom Section: Flat; Space: 0.00 mm

Test Date: 06/09/2022; Ambient Temp: 23°C; Tissue Temp: 21.3°C

Probe: EX3DV4 - SN7660; ConvF:(10.89,10.89,10.89); Calibrated: 2022-05-18
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1678; Calibrated: 2022-05-10
Phantom: Twin-SAM V5.0; Serial: 1692rightback
Measurement SW: DASY Module SAR V16.0.2.136

Mode: NR Band n71, Antenna A+B, UMPC Extremity SAR, Right Edge, Ch. 136100, 20 MHz Bandwidth, DFT-s-OFDM QPSK, 1 RB, 1 RB Offset

Area Scan (40.0 x 210.0): Measurement grid: dx=5.0 mm, dy=15.0 mm
Zoom Scan (30.0 x 30.0 x 30.0): Measurement grid: dx=3.6 mm, dy=3.6 mm, dz=1.4 mm; Graded Ratio: 1.4
Reference Value = 1.56 W/kg; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 9.99 W/kg
SAR(10 g) = 1.08 W/kg
Smallest distance from peaks to all points 3 dB below is 4.8 mm
Ratio of SAR at M2 to SAR at M1 = 56.8 %



ELEMENT

DUT: A3LSMF936U; Type: Portable Handset; Serial: 2719M

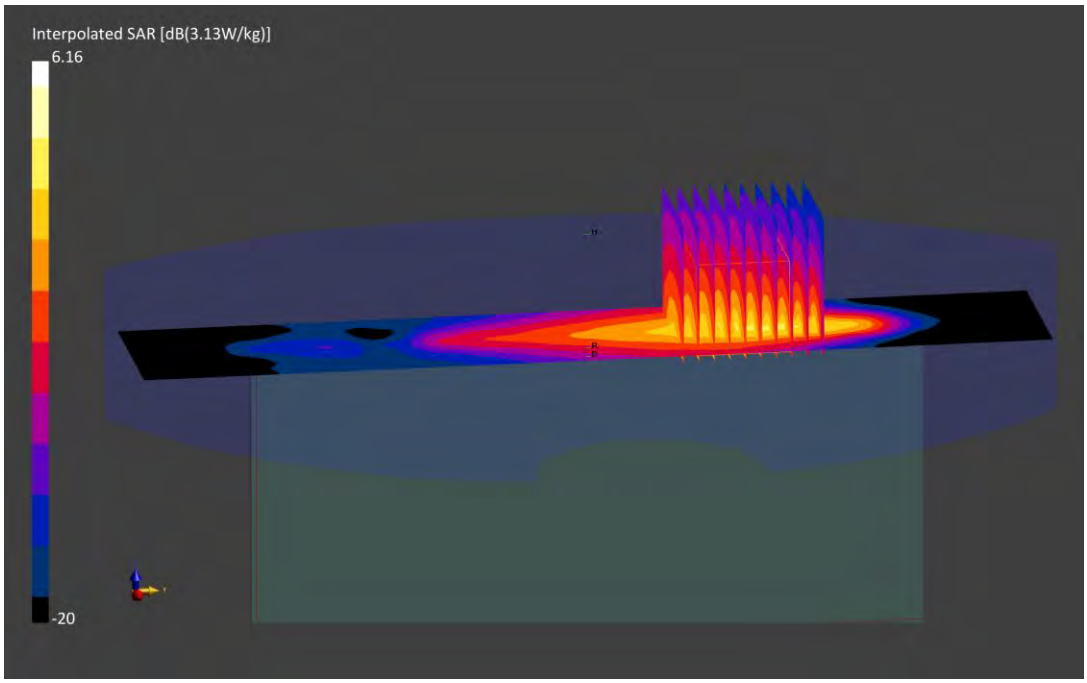
Communication System: UID:10938 - AAC, 5G NR FR1 FDD; MAIA: Y; Frequency: 707.5 MHz
Medium: 750 Body; Medium parameters used:
f = 707.5 MHz; cond = 0.955 S/m; perm = 53.7; density = 1000 kg/m3
Phantom Section: Flat; Space: 0.00 mm

Test Date: 06/12/2022; Ambient Temp: 22.2°C; Tissue Temp: 21.3°C

Probe: EX3DV4 - SN7660; ConvF:(10.89,10.89,10.89); Calibrated: 2022-05-18
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1678; Calibrated: 2022-05-10
Phantom: Twin-SAM V5.0; Serial: 1692rightback
Measurement SW: DASY Module SAR V16.0.2.136

NR Band n12, Antenna A+B, UMPC Extremity SAR, Right Edge, Ch. 141500,
15 MHz Bandwidth, DFT-s-OFDM QPSK, 36 RB, 22 RB Offset

Area Scan (40.0 x 210.0): Measurement grid: dx=5.0 mm, dy=15.0 mm
Zoom Scan (30.0 x 30.0 x 30.0): Measurement grid: dx=3.6 mm, dy=3.6 mm, dz=1.5 mm; Graded Ratio: 1.5
Reference Value = 1.83 W/kg; Power Drift = 0.04 dB
Peak SAR (extrapolated) = 12.9 W/kg
SAR(10 g) = 1.27 W/kg
Smallest distance from peaks to all points 3 dB below is 4.4 mm
Ratio of SAR at M2 to SAR at M1 = 52.4 %



ELEMENT

DUT: A3LSMF936U; Type: Portable Handset; Serial: 1788M

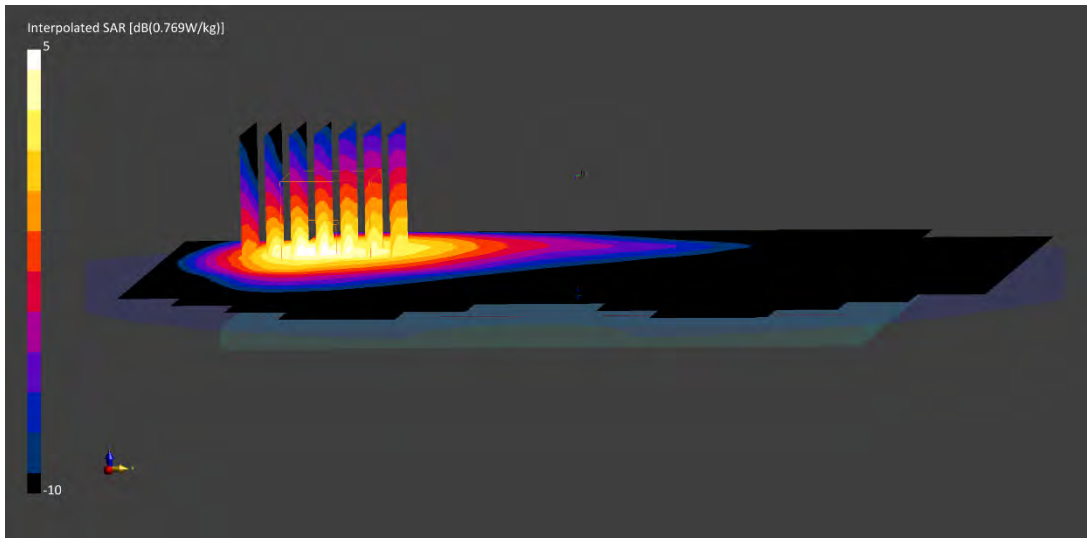
Communication System: UID:10939 - AAC, 5G NR FR1 FDD; MAIA: Y; Frequency: 836.5 MHz
Medium: 835 Body; Medium parameters used:
f = 836.5 MHz; cond = 0.957 S/m; perm = 55.6; density = 1000 kg/m3
Phantom Section: Flat; Space: 0.00 mm

Test Date: 05/30/2022; Ambient Temp: 21.3°C; Tissue Temp: 20.8°C

Probe: EX3DV4 - SN7571; ConvF:(9.87,9.87,9.87); Calibrated: 2021-12-10
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn859; Calibrated: 2021-12-08
Phantom: Twin-SAM V5.0; Serial: 1646
Measurement SW: DASY Module SAR V16.0.2.136

Mode: NR Band n5, Antenna A+B, UMPC Extremity SAR, Back Side, Ch. 167300, 20 MHz Bandwidth, DFT-s-OFDM QPSK, 50 RB, 28 RB Offset

Area Scan (180.0 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 = 2.08 W/kg; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 4.19 W/kg
SAR(10 g) = 1.06 W/kg
Smallest distance from peaks to all points 3 dB below is 9.1 mm
Ratio of SAR at M2 to SAR at M1 = 74.7 %



ELEMENT

DUT: A3LSMF936U; Type: Portable Handset; Serial: 1823M

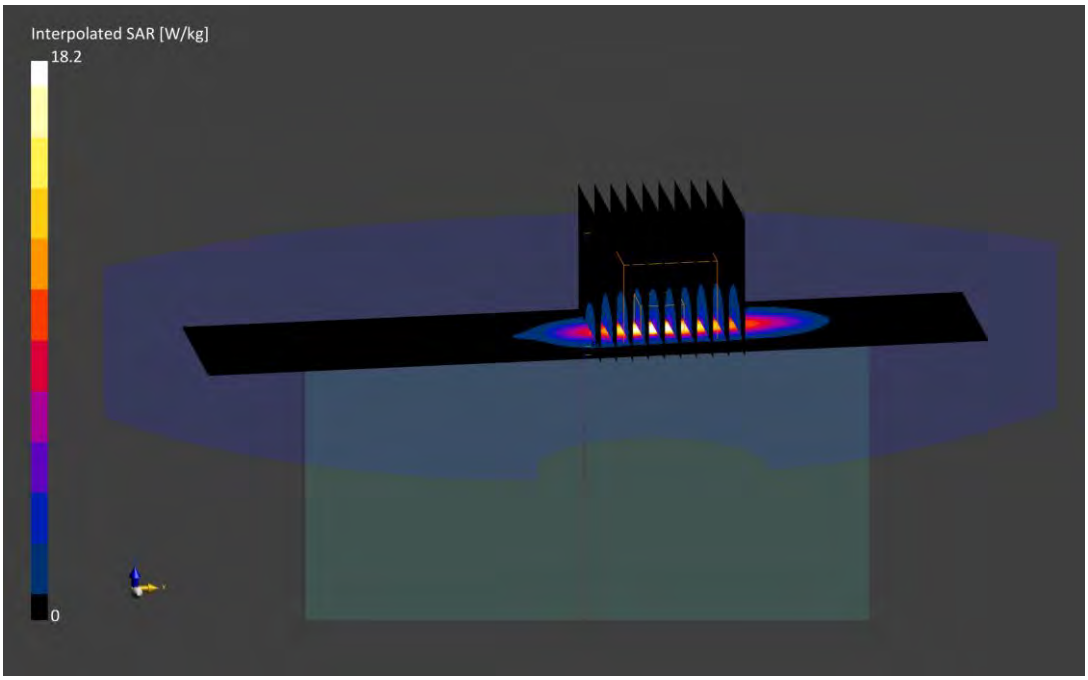
Communication System: UID:10942 - AAC, 5G NR FR1 FDD; MAIA: Y; Frequency: 1745.0 MHz
Medium: 1750 Body; Medium parameters used:
f = 1745.0 MHz; cond = 1.50 S/m; perm = 51.8; density = 1000 kg/m3
Phantom Section: Flat; Space: 0.00 mm

Test Date: 05/16/2022; Ambient Temp: 24.0°C; Tissue Temp: 20.2°C

Probe: EX3DV4 - SN7670; ConvF:(8.36,8.36,8.36); Calibrated: 2021-08-05
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1681; Calibrated: 2021-08-03
Phantom: Twin-SAM V8.0; Serial: 1966
Measurement SW: DASY Module SAR V16.0.2.136

Mode: NR Band n66, Antenna F, UMPC Extremity SAR, Top Edge, Ch. 349000, 40 MHz Bandwidth, DFT-s-OFDM QPSK, 108 RB, 108 RB Offset

Area Scan (40.0 x 180.0): Measurement grid: dx=5.0 mm, dy=15.0 mm
Zoom Scan (30.0 x 30.0 x 30.0): Measurement grid: dx=3.7 mm, dy=3.7 mm, dz=1.5 mm; Graded Ratio: 1.5
Reference Value = 4.42 W/kg; Power Drift = 0.00 dB
Peak SAR (extrapolated) = 18.2 W/kg
SAR(10 g) = 1.95 W/kg
Smallest distance from peaks to all points 3 dB below is 4.4 mm
Ratio of SAR at M2 to SAR at M1 = 63.2 %



ELEMENT

DUT: A3LSMF936U; Type: Portable Handset; Serial: 1787M

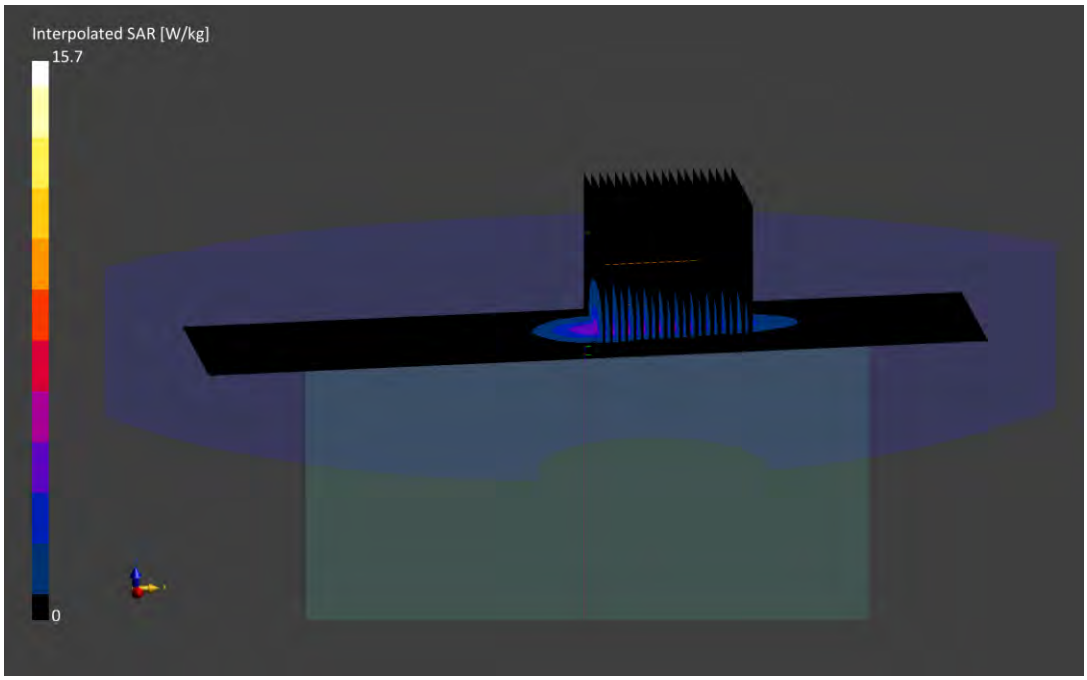
Communication System: UID:10773 - AAD, CW; MAIA: Y; Frequency: 1882.5 MHz
Medium: 1900 Body; Medium parameters used:
f = 1882.5 MHz; cond = 1.55 S/m; perm = 51.5; density = 1000 kg/m3
Phantom Section: Flat; Space: 0.00 mm

Test Date: 05/03/2022; Ambient Temp: 24.5°C; Tissue Temp: 23.0°C

Probe: EX3DV4 - SN7406; ConvF:(7.66,7.66,7.66); Calibrated: 2021-07-20
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1676; Calibrated: 2021-06-21
Phantom: Twin-SAM V8.0; Serial: 2058
Measurement SW: DASY Module SAR V16.0.2.83

Mode: NR Band n25, Antenna F, UMPC Extremity SAR, Top Edge, Ch. 376500, 40 MHz Bandwidth, CP-OFDM QPSK, 1 RB, 1 RB Offset

Area Scan (40.0 x 180.0): Measurement grid: dx=5.0 mm, dy=15.0 mm
Zoom Scan (30.0 x 30.0 x 30.0): Measurement grid: dx=3.6 mm, dy=3.6 mm, dz=1.4 mm; Graded Ratio: 1.4
Reference Value = 5.02 W/kg; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 16.2 W/kg
SAR(10 g) = 1.92 W/kg
Smallest distance from peaks to all points 3 dB below is 4.6 mm
Ratio of SAR at M2 to SAR at M1 = 69.3 %



ELEMENT

DUT: A3LSMF936U; Type: Portable Handset; Serial: 1794M

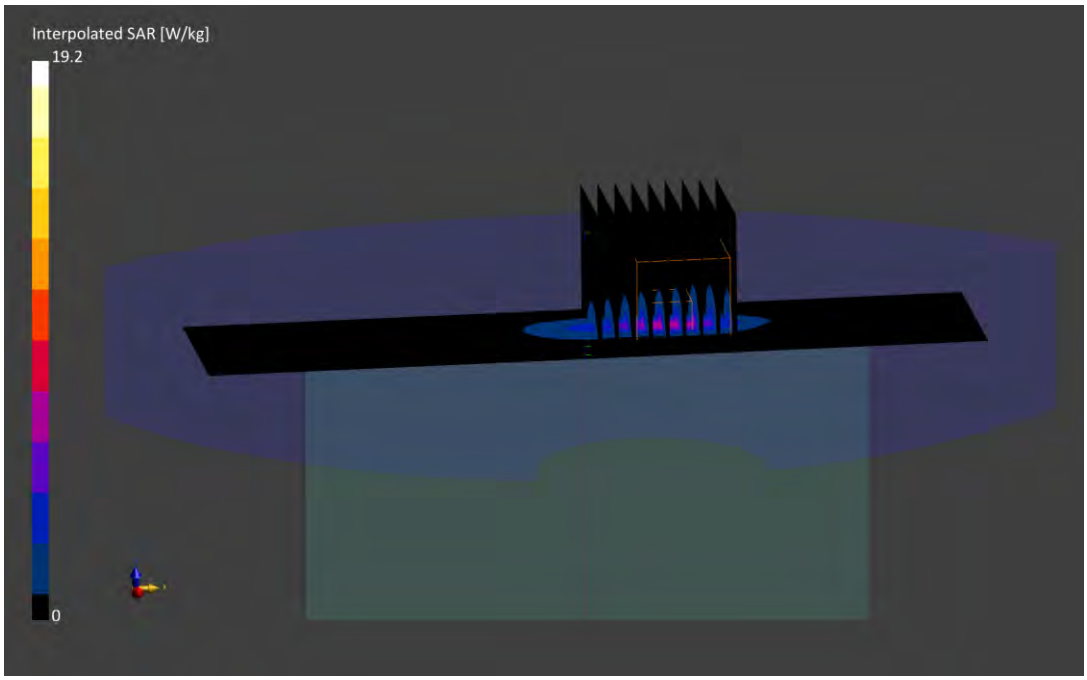
Communication System: UID:10945 - AAB, 5G NR FR1 FDD; MAIA: Y; Frequency: 2310.0 MHz
Medium: 2450 Body; Medium parameters used:
f = 2310.0 MHz; cond = 1.80 S/m; perm = 51.9; density = 1000 kg/m3
Phantom Section: Flat; Space: 0.00 mm

Test Date: 05/29/2022; Ambient Temp: 21.2°C; Tissue Temp: 21.0°C

Probe: EX3DV4 - SN7409; ConvF:(7.46,7.46,7.46); Calibrated: 2021-06-21
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1334; Calibrated: 2021-06-15
Phantom: Twin-SAM V5.0; Serial: 1759
Measurement SW: DASY Module SAR V16.0.0.116

Mode: NR Band n30, Antenna F, UMPC Extremity SAR, Top Edge, Ch. 462000, 10 MHz Bandwidth, DFT-s-OFDM QPSK, 50 RB, 0 RB Offset

Area Scan (40.0 x 180.0): Measurement grid: dx=5.0 mm, dy=10.0 mm
Zoom Scan (30.0 x 30.0 x 30.0): Measurement grid: dx=3.9 mm, dy=3.9 mm, dz=1.5 mm; Graded Ratio: 1.5
Reference Value = 5.23 W/kg; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 19.2 W/kg
SAR(10 g) = 1.83 W/kg
Smallest distance from peaks to all points 3 dB below is 4.5 mm
Ratio of SAR at M2 to SAR at M1 = 67.1 %



ELEMENT

DUT: A3LSMF936U; Type: Portable Handset; Serial: 3596M

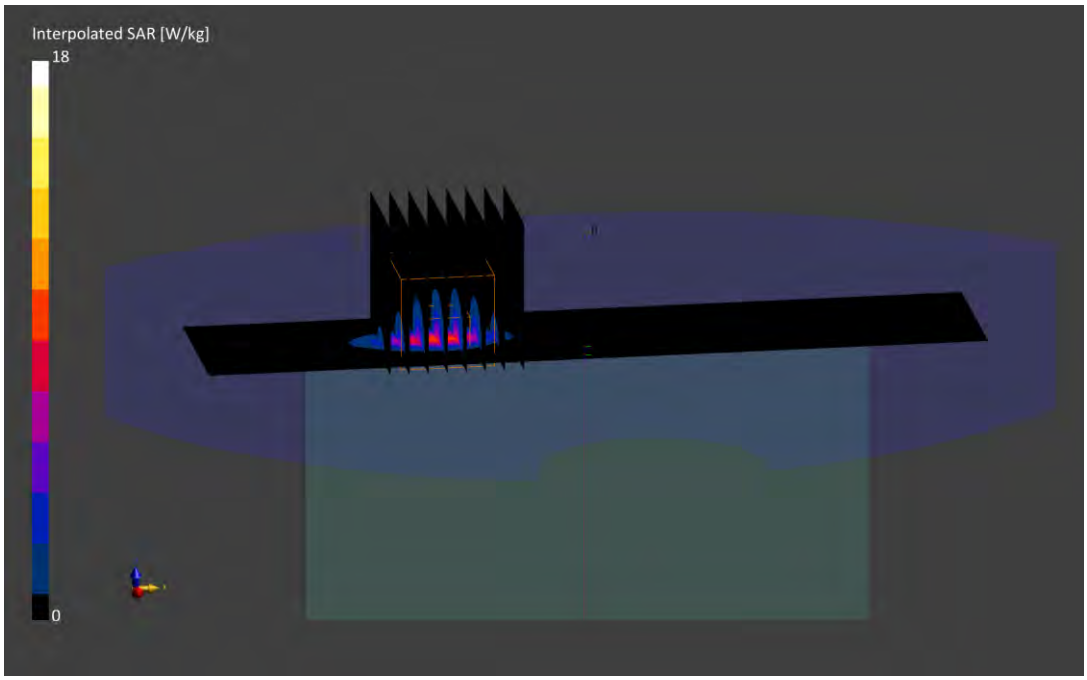
Communication System: UID:10773 - AAD, CW; MAIA: Y; Frequency: 2535.0 MHz
Medium: 2450 Body; Medium parameters used:
f = 2535.0 MHz; cond = 2.05 S/m; perm = 50.2; density = 1000 kg/m3
Phantom Section: Flat; Space: 0.00 mm

Test Date: 06/16/2022; Ambient Temp: 22.9°C; Tissue Temp: 22.0°C

Probe: EX3DV4 - SN7417; ConvF:(7.4,7.4,7.4); Calibrated: 2022-02-22
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn665; Calibrated: 2022-02-22
Phantom: Twin-SAM V8.0; Serial: 2060
Measurement SW: DASY Module SAR V16.0.2.83

Mode: NR Band n7, Antenna B, UMPC Extremity SAR, Bottom Edge, Ch. 507000, 40 MHz Bandwidth, CP-OFDM QPSK, 1 RB, 1 RB Offset

Area Scan (40.0 x 180.0): Measurement grid: dx=5.0 mm, dy=10.0 mm
Zoom Scan (30.0 x 30.0 x 30.0): Measurement grid: dx=4.4 mm, dy=4.4 mm, dz=1.4 mm; Graded Ratio: 1.4
Reference Value = 9.05 W/kg; Power Drift = 0.00 dB
Peak SAR (extrapolated) = 18.0 W/kg
SAR (10 g) = 2.31 W/kg
Smallest distance from peaks to all points 3 dB below is 5.1 mm
Ratio of SAR at M2 to SAR at M1 = 73.9 %



ELEMENT

DUT: A3LSMF936U; Type: Portable Handset; Serial: 1779M

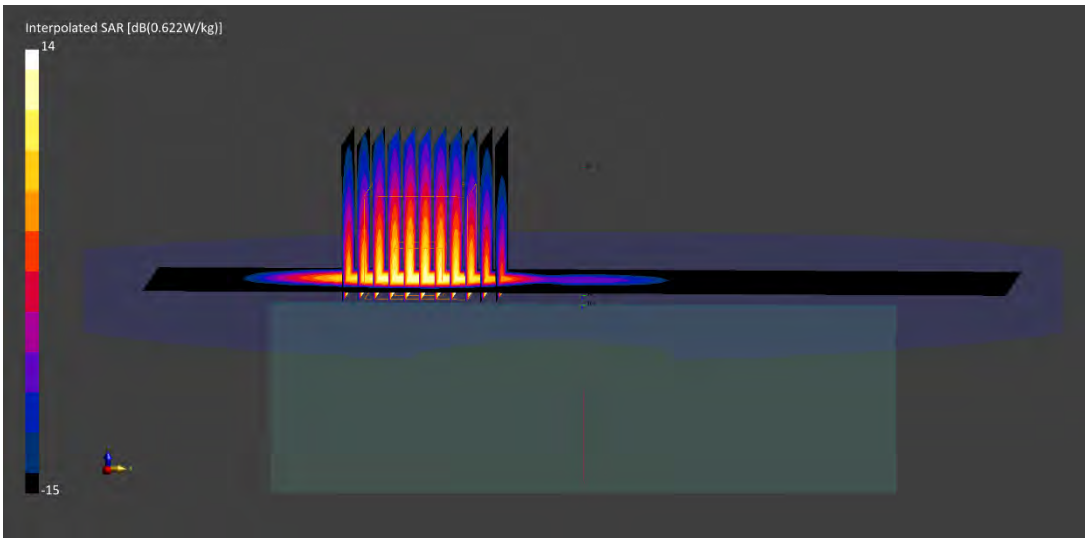
Communication System: UID:0 - -, CW; MAIA: Y; Frequency: 2593.0 MHz
Medium: 2450 Body; Medium parameters used:
f = 2593.0 MHz; cond = 2.16 S/m; perm = 50.8; density = 1000 kg/m3
Phantom Section: Flat; Space: 0.00 mm

Test Date: 05/25/2022; Ambient Temp: 20.5°C; Tissue Temp: 23.2°C

Probe: EX3DV4 - SN7552; ConvF:(7.28,7.28,7.28); Calibrated: 2021-09-20
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1680; Calibrated: 2021-08-04
Phantom: Twin-SAM V8.0; Serial: 2065
Measurement SW: DASY Module SAR V16.0.2.136

Mode: NR Band n41, Antenna B, UMPC Extremity SAR, Bottom Edge, Ch.518598, 100 MHz Bandwidth, CW/SRS

Area Scan (40.0 x 180.0): Measurement grid: dx=5.0 mm, dy=10.0 mm
Zoom Scan (30.0 x 30.0 x 30.0): Measurement grid: dx=3.2 mm, dy=3.2 mm, dz=1.5 mm; Graded Ratio: 1.5
Reference Value = 8.12 W/kg; Power Drift = -0.05 dB
Peak SAR (extrapolated) = 18.1 W/kg
SAR(10 g) = 1.94 W/kg
Smallest distance from peaks to all points 3 dB below is 4.5 mm
Ratio of SAR at M2 to SAR at M1 = 71.1 %



ELEMENT

DUT: A3LSMF936U; Type: Portable Handset; Serial: 1790M

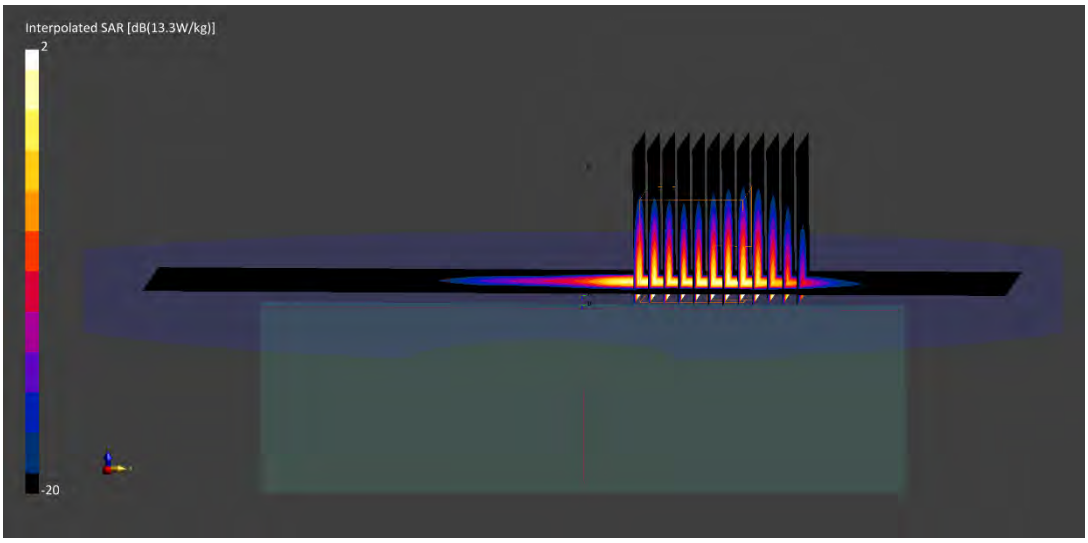
Communication System: UID:10903 - AAB, 5G NR FR1 TDD; MAIA: Y; Frequency: 3570.0 MHz
Medium: 3600 Body; Medium parameters used:
f = 3570.0 MHz; cond = 3.26 S/m; perm = 50.9; density = 1000 kg/m3
Phantom Section: Flat; Space: 0.00 mm

Test Date: 05/12/2022; Ambient Temp: 23.5°C; Tissue Temp: 21.6°C

Probe: EX3DV4 - SN7661; ConvF:(6.7,6.7,6.7); Calibrated: 2021-06-28
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1450; Calibrated: 2021-08-16
Phantom: Twin-SAM V5.0; Serial: 1692rightback
Measurement SW: DASY Module SAR V16.0.2.136

Mode: NR Band n48, Antenna F, UMPC Extremity SAR, Top Edge, Ch.638000,
40 MHz Bandwidth, DFT-s-OFDM QPSK, 1 RB, 104 RB Offset

Area Scan (40.0 x 180.0): Measurement grid: dx=5.0 mm, dy=10.0 mm
Zoom Scan (28.0 x 28.0 x 28.0): Measurement grid: dx=3.1 mm, dy=3.1 mm, dz=1.2 mm; Graded Ratio: 1.2
Reference Value = 5.63 W/kg; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 28.4 W/kg
SAR(10 g) = 2.30 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 = 74.0 %



ELEMENT

DUT: A3LSMF936U; Type: Portable Handset; Serial: 1829M

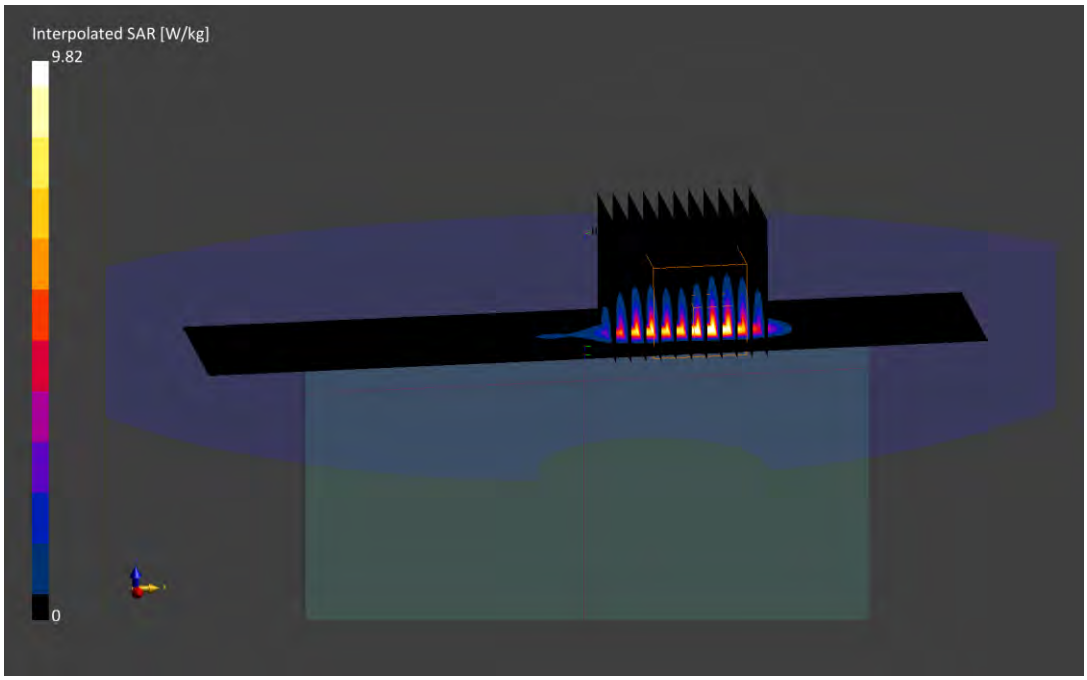
Communication System: UID:10803 - AAD, 5G NR FR1 TDD; MAIA: Y; Frequency: 3500.0 MHz
Medium: 3600 Body; Medium parameters used:
f = 3500.0 MHz; cond = 3.17 S/m; perm = 51.0; density = 1000 kg/m3
Phantom Section: Flat; Space: 0.00 mm

Test Date: 05/12/2022; Ambient Temp: 23.5°C; Tissue Temp: 21.6°C

Probe: EX3DV4 - SN7661; ConvF:(6.7,6.7,6.7); Calibrated: 2021-06-28
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1450; Calibrated: 2021-08-16
Phantom: Twin-SAM V5.0; Serial: 1692rightback
Measurement SW: DASY Module SAR V16.0.2.136

Mode: NR Band n77 DoD, Antenna F, UMPC Extremity SAR, Top Edge, Ch. 633334, 100 MHz Bandwidth, CP-OFDM QPSK, 1 RB, 1 RB Offset

Area Scan (40.0 x 180.0): Measurement grid: dx=5.0 mm, dy=10.0 mm
Zoom Scan (28.0 x 28.0 x 28.0): Measurement grid: dx=3.5 mm, dy=3.5 mm, dz=1.2 mm; Graded Ratio: 1.2
Reference Value = 3.14 W/kg; Power Drift = -0.03 dB
Peak SAR (extrapolated) = 24.1 W/kg
SAR(10 g) = 1.96 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 = 72.1 %



ELEMENT

DUT: A3LSMF936U; Type: Portable Handset; Serial: 1829M

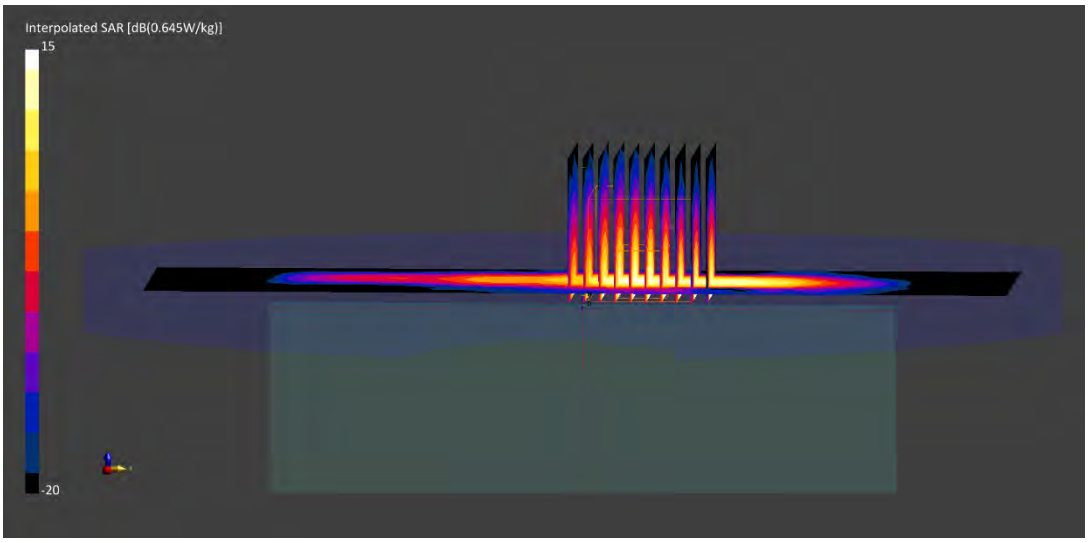
Communication System: UID:10866 - AAD, 5G NR FR1 TDD; MAIA: Y; Frequency: 3930.0 MHz
Medium: 3600 Body; Medium parameters used:
f = 3930.0 MHz; cond = 3.69 S/m; perm = 49.6; density = 1000 kg/m3
Phantom Section: Flat; Space: 0.00 mm

Test Date: 05/15/2022; Ambient Temp: 21.5°C; Tissue Temp: 20.9°C

Probe: EX3DV4 - SN7661; ConvF:(6.51,6.51,6.51); Calibrated: 2021-06-28
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1450; Calibrated: 2021-08-16
Phantom: Twin-SAM V5.0; Serial: 1692rightback
Measurement SW: DASY Module SAR V16.0.2.136

Mode: NR Band n77 C-Band, Antenna F, UMPC Body SAR, Top Edge, Ch. 662000, 100 MHz Bandwidth, DFT-s-OFDM QPSK, 1 RB, 137 RB Offset

Area Scan (40.0 x 180.0): Measurement grid: dx=5.0 mm, dy=10.0 mm
Zoom Scan (28.0 x 28.0 x 28.0): Measurement grid: dx=3.2 mm, dy=3.2 mm, dz=1.4 mm; Graded Ratio: 1.5
Reference Value = 4.67 W/kg; Power Drift = 0.03 dB
Peak SAR (extrapolated) = 31.4 W/kg
SAR(10 g) = 2.01 W/kg
Smallest distance from peaks to all points 3 dB below is 3.8 mm
Ratio of SAR at M2 to SAR at M1 = 68.1 %



ELEMENT

DUT: A3LSMF936U; Type: Portable Handset; Serial: 0417M

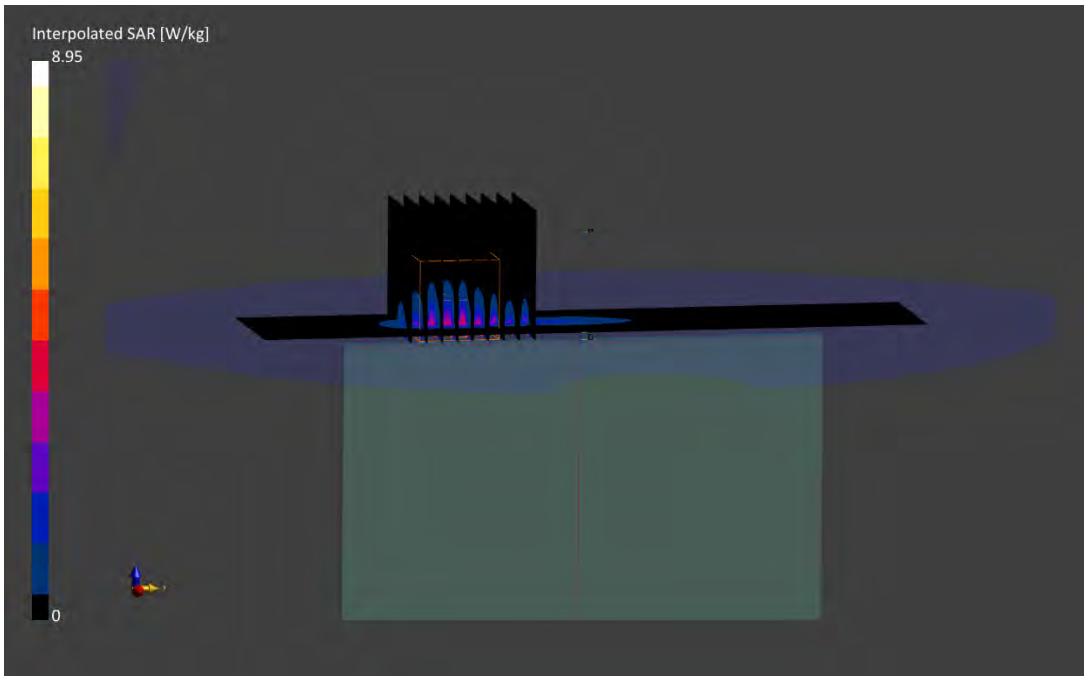
Communication System: UID:10415 - AAA, WLAN; MAIA: Y; Frequency: 2412.0 MHz
Medium: 2450 Body; Medium parameters used:
f = 2412.0 MHz; cond = 1.99 S/m; perm = 52.2; density = 1000 kg/m3
Phantom Section: Flat; Space: 0.00 mm

Test Date: 06/02/2022; Ambient Temp: 21.0°C; Tissue Temp: 22.0°C

Probe: EX3DV4 - SN7570; ConvF:(7.66,7.66,7.66); Calibrated: 2022-01-19
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1558; Calibrated: 2022-01-14
Phantom: Twin-SAM V8.0; Serial: 20063
Measurement SW: DASY Module SAR V16.0.2.136

Mode: IEEE 802.11b, 22 MHz Bandwidth, MIMO,
UMPC Extremity SAR, Top Edge, Ch. 1, 1 Mbps

Area Scan (40.0 x 180.0): Measurement grid: dx=5.0 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=1.4 mm; Graded Ratio: 1.4
Reference Value = 3.33 W/kg; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 8.95 W/kg
SAR(10 g) = 1.09 W/kg
Smallest distance from peaks to all points 3 dB below is 5.0 mm
Ratio of SAR at M2 to SAR at M1 = 68.2 %



ELEMENT

DUT: A3LSMF936U; Type: Portable Handset; Serial: 0374M

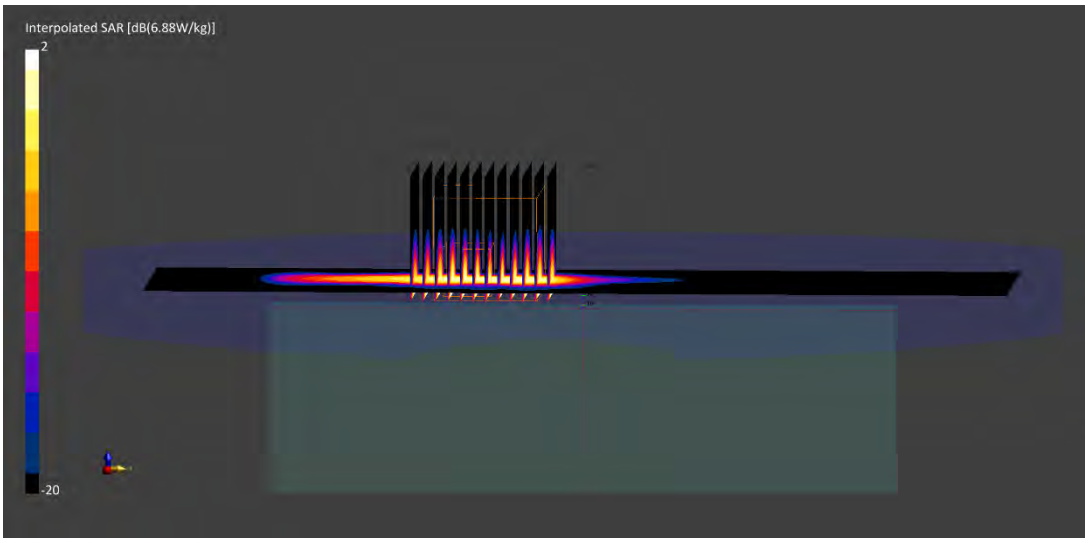
Communication System: UID:10196 - CAD, WLAN; MAIA: Y; Frequency: 5825.0 MHz
Medium: 5200-5800 Body; Medium parameters used:
f = 5825.0 MHz; cond = 6.20 S/m; perm = 46.3; density = 1000 kg/m3
Phantom Section: Flat; Space: 0.00 mm

Test Date: 05/02/2022; Ambient Temp: 22.6°C; Tissue Temp: 21.2°C

Probe: EX3DV4 - SN7527; ConvF:(4.11,4.11,4.11); Calibrated: 2022-03-21
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1272; Calibrated: 2022-03-16
Phantom: Twin-SAM V5.0; Serial: 1757
Measurement SW: DASY Module SAR V16.0.2.136

Mode: IEEE 801.11n, 20 MHz Bandwidth, UNII-3, MIMO, Ch. 165,
UMPC Extremity SAR, Top Edge, 13 Mbps

Area Scan (40.0 x 180.0): Measurement grid: dx=5.0 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 = 5.20 W/kg; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 31.3 W/kg
SAR(10 g) = 1.16 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 = 58.7 %



ELEMENT

DUT: A3LSMF936U; Type: Portable Handset; Serial: 0417M

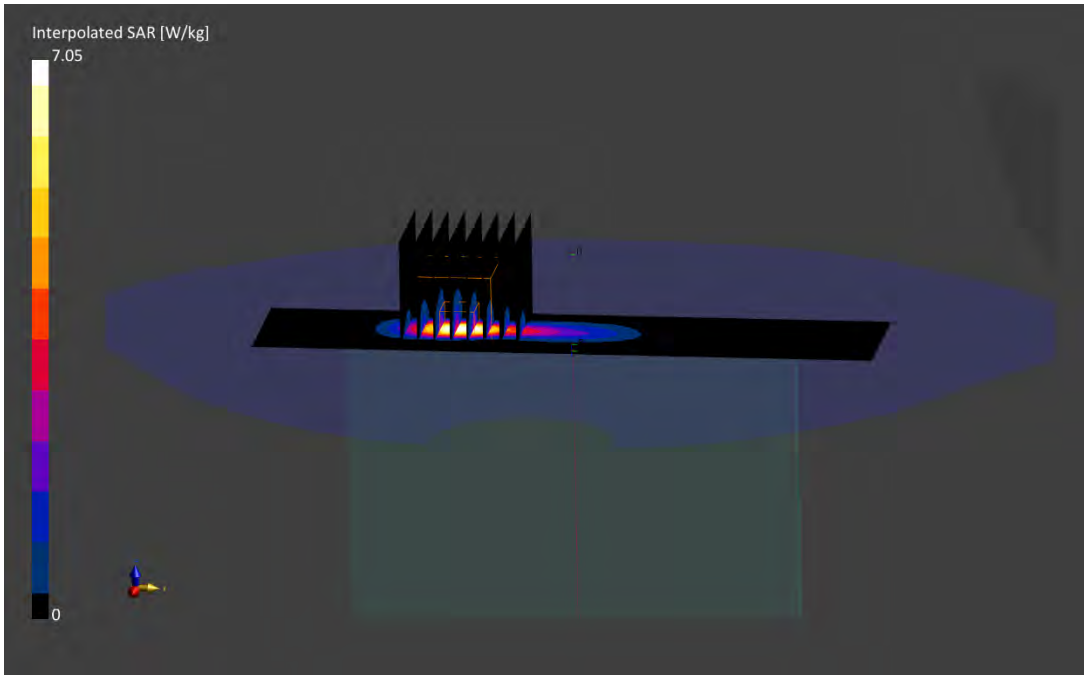
Communication System: UID:10032 - CAA, Bluetooth; MAIA: Y; Frequency: 2441.0 MHz
Medium: 2450 Body; Medium parameters used:
f = 2441.0 MHz; cond = 2.02 S/m; perm = 51.5; density = 1000 kg/m3
Phantom Section: Flat; Space: 0.00 mm

Test Date: 05/24/2022; Ambient Temp: 20.0°C; Tissue Temp: 21.5°C

Probe: EX3DV4 - SN7570; ConvF:(7.66,7.66,7.66); Calibrated: 2022-01-19
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1558; Calibrated: 2022-01-14
Phantom: Twin-SAM V8.0; Serial: 20063
Measurement SW: DASY Module SAR V16.0.2.136

Mode: Bluetooth, Antenna 1, UMPC Extremity SAR, Ch. 39, 1Mbps, Top Edge

Area Scan (40.0 x 180.0): Measurement grid: dx=5.0 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 = 2.68 W/kg; Power Drift = 0.00 dB
Peak SAR (extrapolated) = 7.05 W/kg
SAR(10 g) = 0.909 W/kg
Smallest distance from peaks to all points 3 dB below is 5.6 mm
Ratio of SAR at M2 to SAR at M1 = 74.3 %



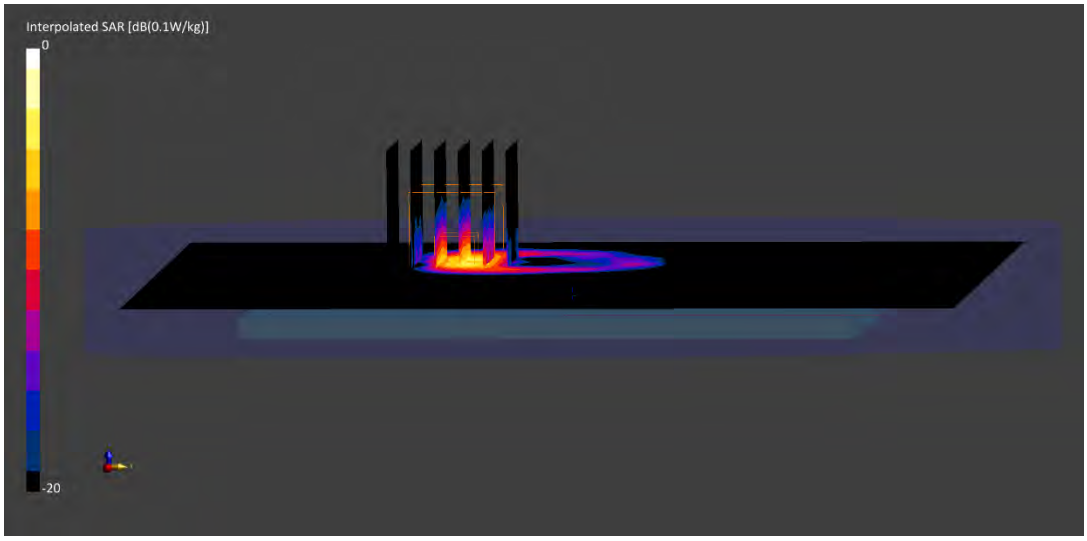
ELEMENT

DUT: A3LSMF936U; Type: Portable Handset; Serial: 1929M

Communication System: UID:0 - -, CW; MAIA: Y; Frequency: 13.6 MHz
Medium: 30 Head; Medium parameters used:
f = 13.6 MHz; cond = 0.762 S/m; perm = 52.7; density = 1000 kg/m3
Phantom Section: Flat; Space: 0.00 mm

Test Date: 06/09/2022; Ambient Temp: 24.0°C; Tissue Temp: 21.9°C

Probe: EX3DV4 - SN7527; ConvF:(17.78,17.78,17.78); Calibrated: 2022-03-21
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1272; Calibrated: 2022-03-16
Phantom: ELI V8.0; Serial: 2077
Measurement SW: DASY Module SAR V16.0.2.136

Mode: NFC, UMPC Extremity SAR, Back Side

Area Scan (180.0 x 210.0): Measurement grid: dx=15.0 mm, dy=15.0 mm
Zoom Scan (30.0 x 30.0 x 30.0): Measurement grid: dx=6.0 mm, dy=6.0 mm, dz=1.5 mm; Graded Ratio: 1.5
Reference Value = 0.03 W/kg; Power Drift = -0.05 dB
Peak SAR (extrapolated) = 0.112 W/kg
SAR(10 g) = 0.01 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 = 59.6 %