APPENDIX A: SAR TEST PLOTS

ELEMENT

DUT: A3LSMF731JPN; Type: Portable Handset; Serial: 0148M

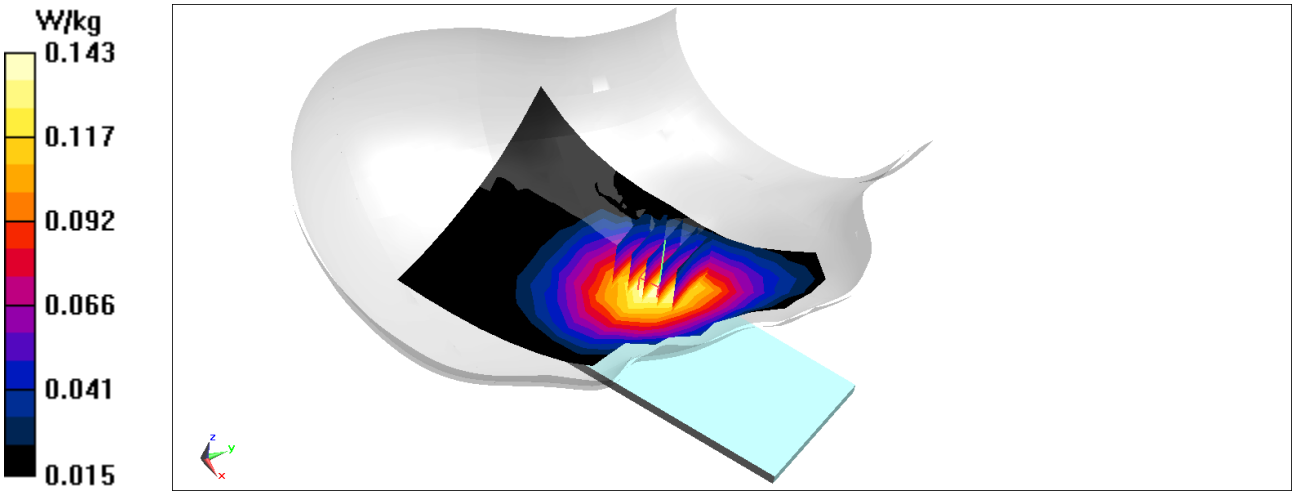
Communication System: UID 0, GSM; Frequency: 824.2 MHz; Duty Cycle: 1:8.3
Medium: 835 Head; Medium parameters used (interpolated):
f = 824.2 MHz; σ = 0.874 S/m; ε_r = 40.852; ρ = 1000 kg/m^3
Phantom section: Right Section;

Test Date: 06/30/2023; Ambient Temp: 22.5°C; Tissue Temp: 22.3°C

Probe: EX3DV4 - SN7640; ConvF(10.56, 10.56, 10.56) @ 824.2 MHz; Calibrated: 2/10/2023
Sensor-Surface: 1.4mm (Mechanical Surface Detection)
Electronics: DAE4 Sn1645; Calibrated: 2/16/2023
Phantom: Twin-SAM V8.0; Type: QD 000 P41 AA; Serial: 1937
Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7501)

Mode: GSM 850, Right Head, Cheek, Low.ch

Area Scan (9x15x1): Measurement grid: dx=15mm, dy=15mm
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 12.02 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 0.161 W/kg
SAR(1 g) = 0.122 W/kg
Smallest distance from peaks to all points 3 dB below = 19 mm
Ratio of SAR at M2 to SAR at M1 = 79.5%



ELEMENT

DUT: A3LSMF731JPN; Type: Portable Handset; Serial: 0122M

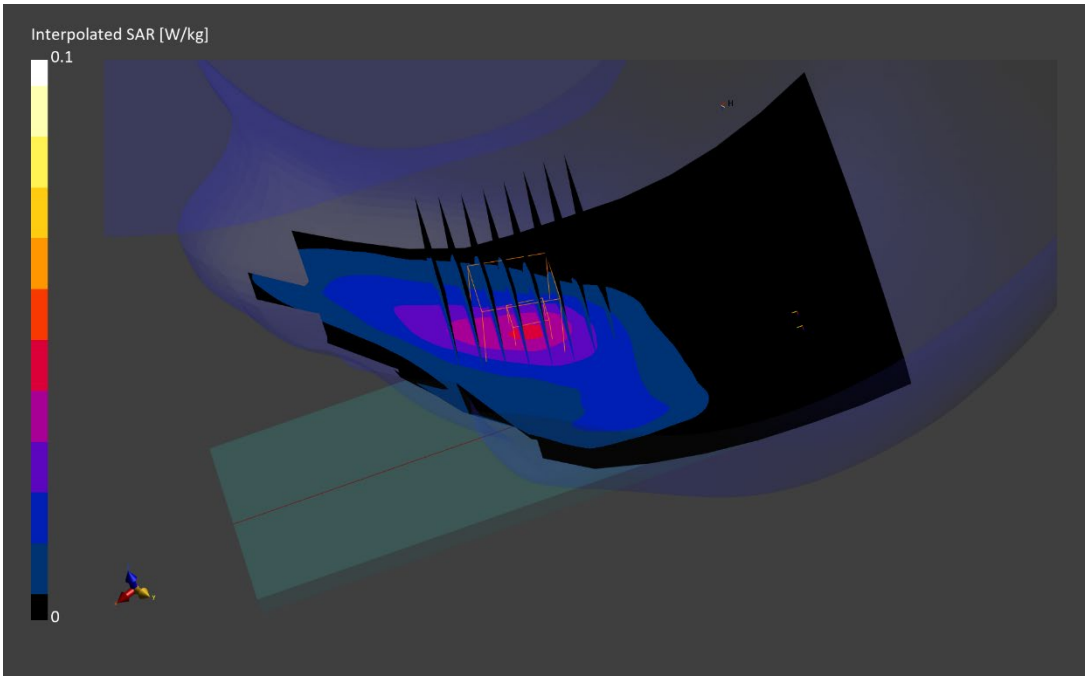
Communication System: UID:10021 - DAC, GSM; MAIA: Y; Frequency: 1880.0 MHz
Medium: 1900 Head; Medium parameters used:
f = 1880.0 MHz; cond = 1.40 S/m; perm = 40.5; density = 1000 kg/m3
Phantom Section: LeftHead; Space: 0.00 mm

Test Date: 06/26/2023; Ambient Temp: 22.7°C; Tissue Temp: 21.7°C

Probe: EX3DV4 - SN7551; ConvF:(8.23,8.23,8.23); Calibrated: 2022-11-11
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1323; Calibrated: 2022-11-10
Phantom: Twin-SAM V8.0; Serial: 2057
Measurement SW: DASY Module SAR V16.2.0.1425

Mode: GSM 1900, Antenna A, 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 = 0.04 W/kg; Power Drift = -0.09 dB
Peak SAR (extrapolated) = 0.058 W/kg
SAR(1 g) = 0.037 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 = 87.1 %



ELEMENT

DUT: A3LSMF731JPN; Type: Portable Handset; Serial: 0148M

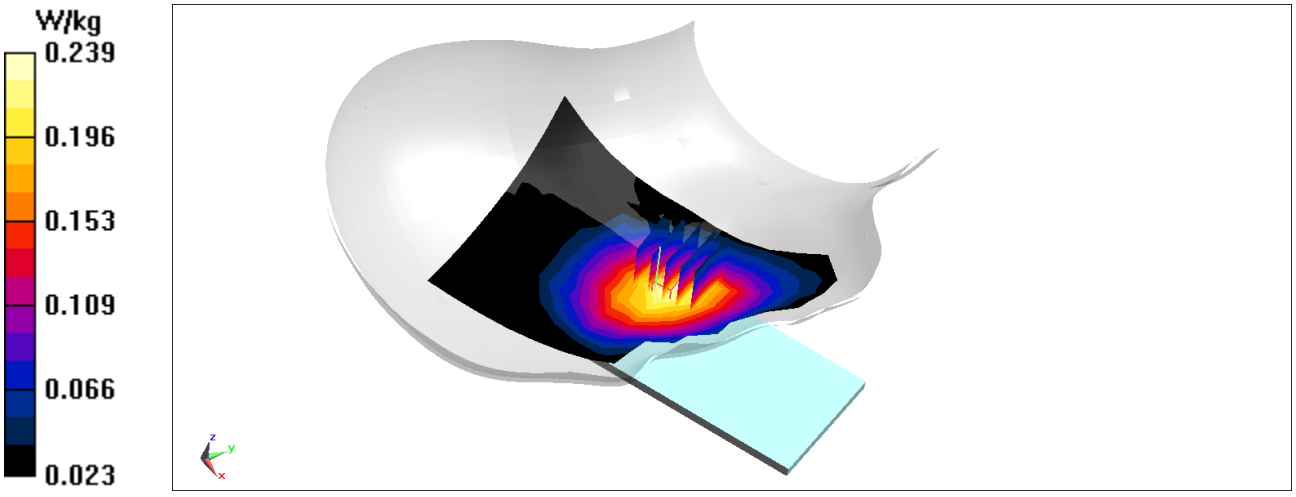
Communication System: UID 0, UMTS; Frequency: 826.4 MHz; Duty Cycle: 1:1
Medium: 835 Head; Medium parameters used (interpolated):
f = 826.4 MHz; σ = 0.875 S/m; ε_r = 40.848; ρ = 1000 kg/m^3
Phantom section: Right Section;

Test Date: 06/30/2023; Ambient Temp: 22.5°C; Tissue Temp: 22.3°C

Probe: EX3DV4 - SN7640; ConvF(10.56, 10.56, 10.56) @ 826.4 MHz; Calibrated: 2/10/2023
Sensor-Surface: 1.4mm (Mechanical Surface Detection)
Electronics: DAE4 Sn1645; Calibrated: 2/16/2023
Phantom: Twin-SAM V8.0; Type: QD 000 P41 AA; Serial: 1937
Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7501)

Mode: UMTS 850, Right Head, Cheek, Low.ch

Area Scan (9x15x1): Measurement grid: dx=15mm, dy=15mm
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 15.35 V/m; Power Drift = 0.06 dB
Peak SAR (extrapolated) = 0.266 W/kg
SAR(1 g) = 0.202 W/kg
Smallest distance from peaks to all points 3 dB below = 22 mm
Ratio of SAR at M2 to SAR at M1 = 77.8%



ELEMENT

DUT: A3LSMF731JPN; Type: Portable Handset; Serial: 0143M

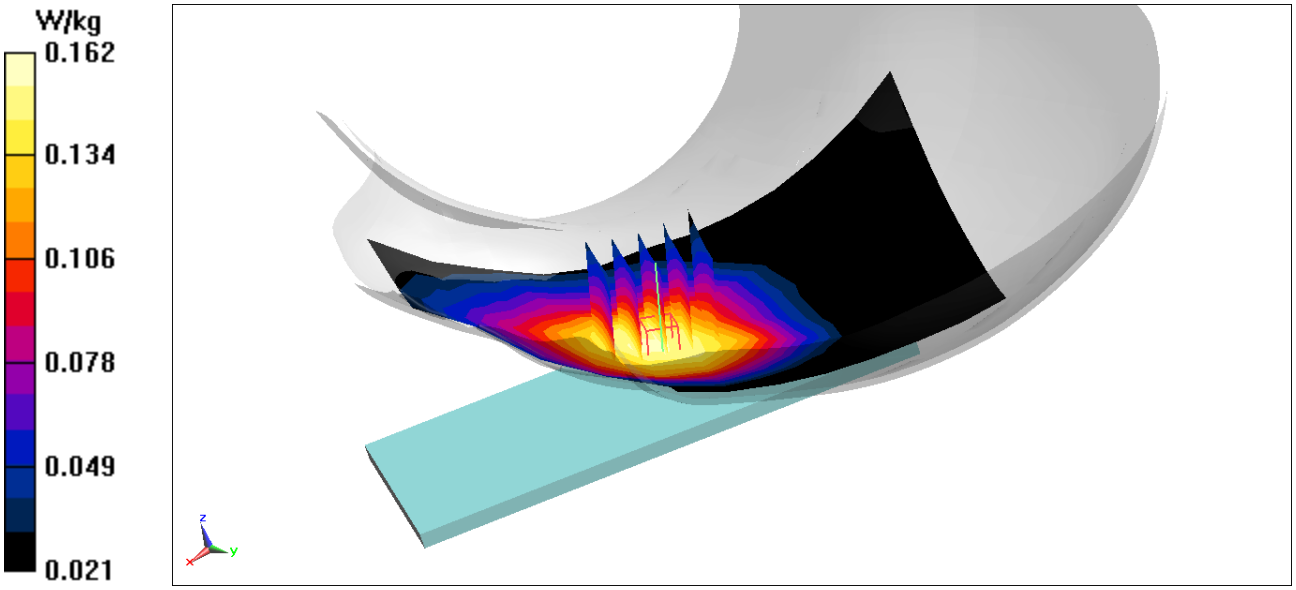
Communication System: UID 0, LTE Band 12; Frequency: 707.5 MHz; Duty Cycle: 1:1
Medium: 750 Head; Medium parameters used (interpolated):
f = 707.5 MHz; σ = 0.857 S/m; ε_r = 40.29; ρ = 1000 kg/m^3
Phantom section: Left Section

Test Date: 07/06/2023; Ambient Temp: 22.4°C; Tissue Temp: 22.5°C

Probe: EX3DV4 - SN7637; ConvF(10.29, 10.29, 10.29) @ 707.5 MHz; Calibrated: 3/16/2023
Sensor-Surface: 1.4mm (Mechanical Surface Detection)
Electronics: DAE4 Sn1652; Calibrated: 3/16/2023
Phantom: Twin-SAM V4.0; Type: QD 000 P40 CC; Serial: 1596
Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7501)

Mode: LTE Band 12, Left Head, Cheek, Mid.ch, QPSK,
10 MHz Bandwidth, 1 RB, 25 RB Offset

Area Scan (9x14x1): Measurement grid: dx=15mm, dy=15mm
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 13.46 V/m; Power Drift = 0.11 dB
Peak SAR (extrapolated) = 0.167 W/kg
SAR(1 g) = 0.146 W/kg
Smallest distance from peaks to all points 3 dB below: Larger than measurement grid (> 16 mm)
Ratio of SAR at M2 to SAR at M1 = 88.3%



ELEMENT

DUT: A3LSMF731JPN; Type: Portable Handset; Serial: 0143M

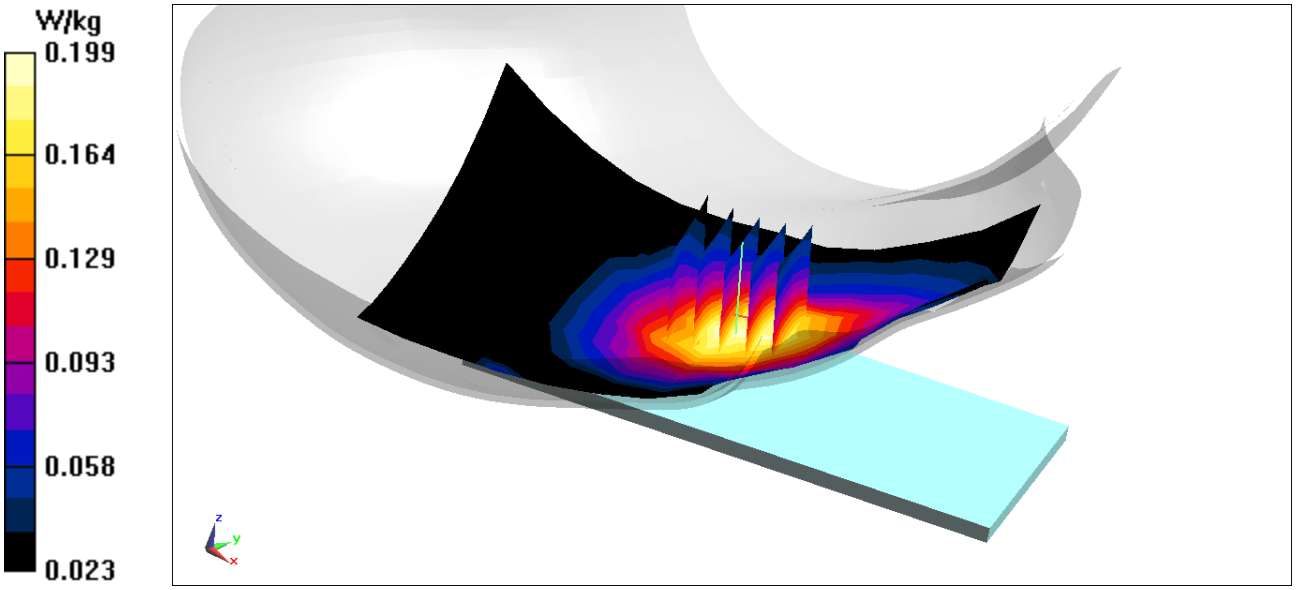
Communication System: UID 0, LTE Band 13; Frequency: 782 MHz; Duty Cycle: 1:1
Medium: 750 Head; Medium parameters used (interpolated):
f = 782 MHz; σ = 0.876 S/m; ε_r = 42.614; ρ = 1000 kg/m^3
Phantom section: Right Section

Test Date: 07/10/2023; Ambient Temp: 22.5°C; Tissue Temp: 21.5°C

Probe: EX3DV4 - SN7637; ConvF(10.29, 10.29, 10.29) @ 782 MHz; Calibrated: 3/16/2023
Sensor-Surface: 1.4mm (Mechanical Surface Detection)
Electronics: DAE4 Sn1652; Calibrated: 3/16/2023
Phantom: Twin-SAM V4.0; Type: QD 000 P40 CC; Serial: 1596
Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7501)

Mode: LTE Band 13, Right Head, Cheek, Mid.ch,
10 MHz Bandwidth, QPSK, 1 RB, 0 RB Offset

Area Scan (9x14x1): Measurement grid: dx=15mm, dy=15mm
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 14.65 V/m; Power Drift = 0.00 dB
Peak SAR (extrapolated) = 0.212 W/kg
SAR(1 g) = 0.170 W/kg
Smallest distance from peaks to all points 3 dB below = 23.2 mm
Ratio of SAR at M2 to SAR at M1 = 81%



ELEMENT

DUT: A3LSMF731JPN; Type: Portable Handset; Serial: 0148M

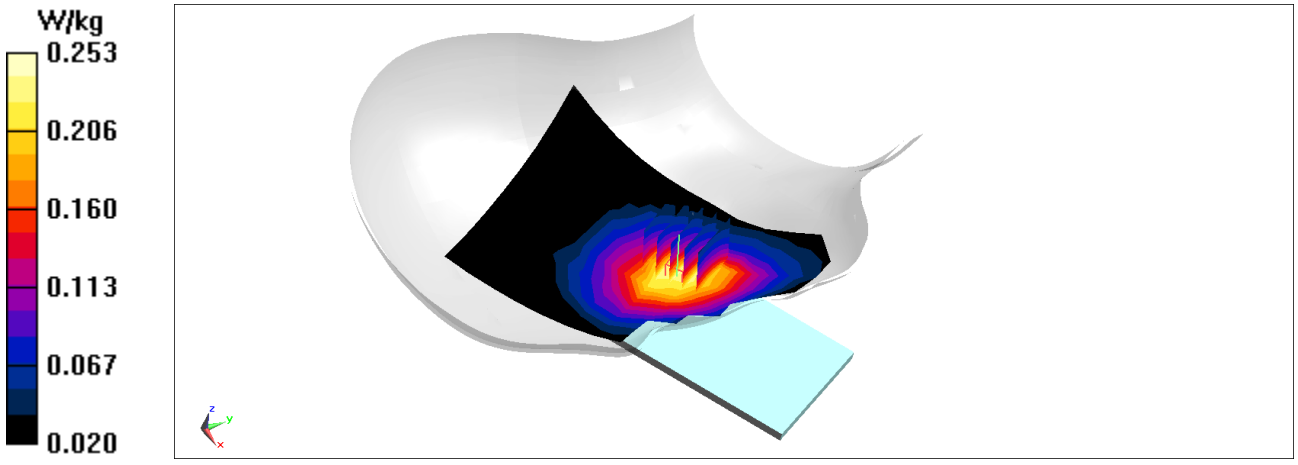
Communication System: UID 0, LTE Band 5 (Cell.); Frequency: 836.5 MHz; Duty Cycle: 1:1
Medium: 835 Head; Medium parameters used (interpolated):
f = 836.5 MHz; σ = 0.912 S/m; ε_r = 41.706; ρ = 1000 kg/m^3
Phantom section: Right Section;

Test Date: 07/06/2023; Ambient Temp: 21.2°C; Tissue Temp: 20.2°C

Probe: EX3DV4 - SN7640; ConvF(10.56, 10.56, 10.56) @ 836.5 MHz; Calibrated: 2/10/2023
Sensor-Surface: 1.4mm (Mechanical Surface Detection)
Electronics: DAE4 Sn1645; Calibrated: 2/16/2023
Phantom: Twin-SAM V8.0; Type: QD 000 P41 AA; Serial: 1937
Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7501)

Mode: LTE Band 5 (Cell.), Right Head, Cheek, Mid.ch, 10 MHz Bandwidth, QPSK, 1 RB, 0 RB Offset

Area Scan (9x15x1): Measurement grid: dx=15mm, dy=15mm
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 15.86 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 0.278 W/kg
SAR(1 g) = 0.212 W/kg
Smallest distance from peaks to all points 3 dB below = 20.4 mm
Ratio of SAR at M2 to SAR at M1 = 78.7%



ELEMENT

DUT: A3LSMF731JPN; Type: Portable Handset; Serial: 0194M

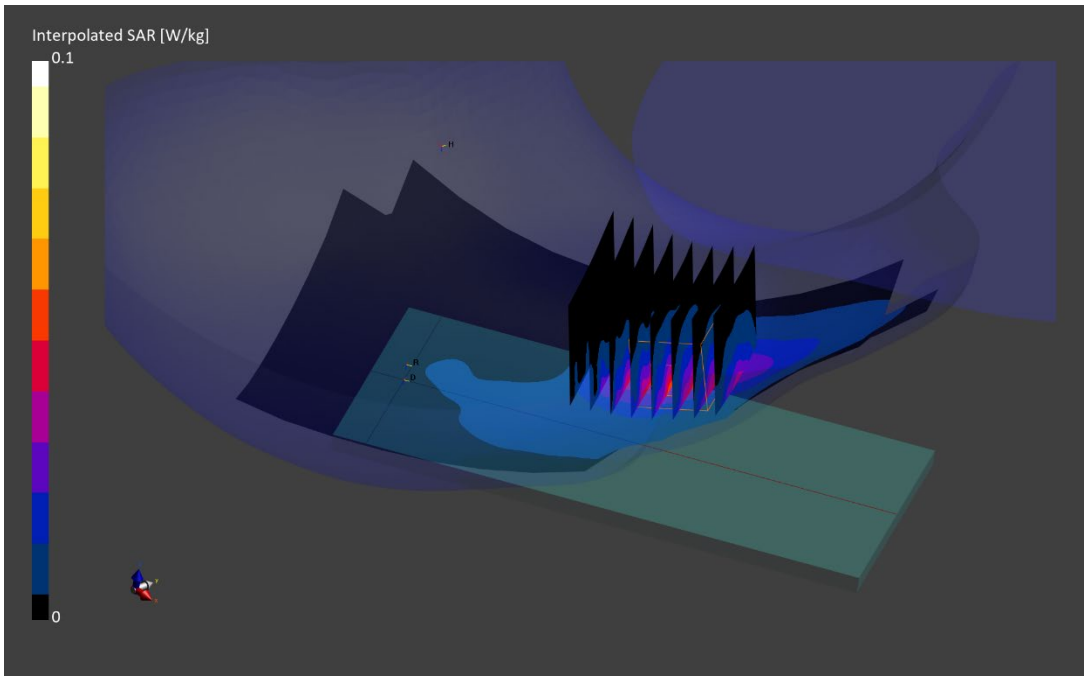
Communication System: UID:10169 - CAE, LTE-FDD; MAIA: Y; Frequency: 1720.0 MHz
Medium: 1750 Head; Medium parameters used:
f = 1720.0 MHz; cond = 1.32 S/m; perm = 39.3; density = 1000 kg/m3
Phantom Section: RightHead; Space: 0.00 mm

Test Date: 06/26/2023; Ambient Temp: 21.4°C; Tissue Temp:20.1°C

Probe: EX3DV4 - SN7713; ConvF:(8.99,8.99,8.99); Calibrated: 2023-01-11
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1530; Calibrated: 2023-01-18
Phantom: Twin-SAM V8.0; Serial: 2065
Measurement SW: DASY Module SAR V16.2.0.1425

Mode: LTE Band 66 (AWS), Right Head, Cheek, Low Ch., 20 MHz Bandwidth, QPSK, 1 RB, 0 RB Offset

Area Scan (120.0 x 210.0): Measurement grid: dx=15.0 mm, dy=15.0 mm
Zoom Scan (30.0 x 30.0 x 30.0): Measurement grid: dx=6.0 mm, dy=6.0 mm, dz=1.5 mm; Graded Ratio: 1.5
Reference Value = 0.04 W/kg; Power Drift = 0.09 dB
Peak SAR (extrapolated) = 0.059 W/kg
SAR(1 g) = 0.038 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 = 92.2 %



ELEMENT

DUT: A3LSMF731JPN; Type: Portable Handset; Serial: 0122M

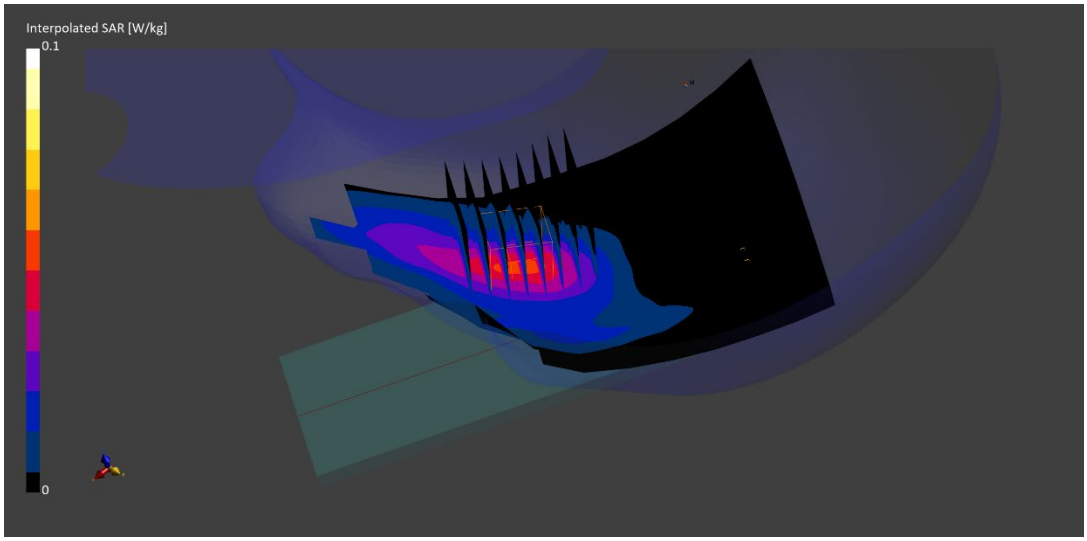
Communication System: UID:10169 - CAE, LTE-FDD; MAIA: Y; Frequency: 1860.0 MHz
Medium: 1900 Head; Medium parameters used:
f = 1860.0 MHz; cond = 1.38 S/m; perm = 40.6; density = 1000 kg/m3
Phantom Section: LeftHead; Space: 0.00 mm

Test Date: 06/26/2023; Ambient Temp: 22.7°C; Tissue Temp: 21.7°C

Probe: EX3DV4 - SN7551; ConvF:(8.23,8.23,8.23); Calibrated: 2022-11-11
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1323; Calibrated: 2022-11-10
Phantom: Twin-SAM V8.0; Serial: 2057
Measurement SW: DASY Module SAR V16.2.0.1425

Mode: LTE Band 2, Left Head, Cheek, 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 = 0.04 W/kg; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 0.074 W/kg
SAR(1 g) = 0.046 W/kg
Smallest distance from peaks to all points 3 dB below is 12.2 mm
Ratio of SAR at M2 to SAR at M1 = 86.0 %



ELEMENT

DUT: A3LSMF731JPN; Type: Portable Handset; Serial: 0153M

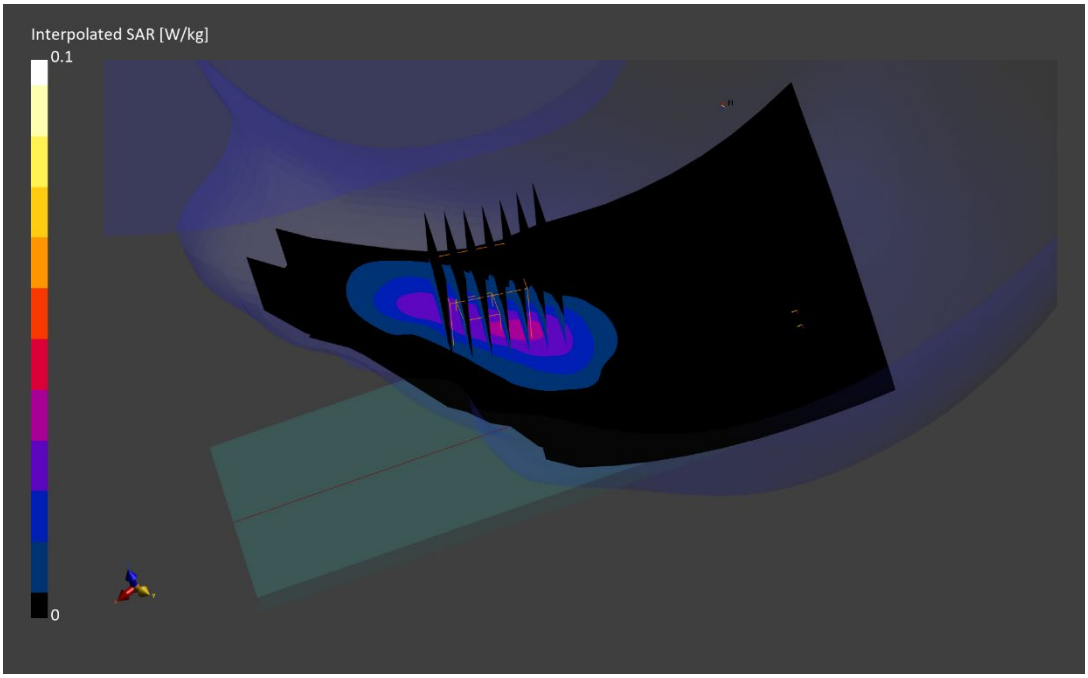
Communication System: UID:10435 - AAF, LTE-TDD; MAIA: Y; Frequency: 2636.5 MHz
Medium: 2450 Head; Medium parameters used:
f = 2636.5 MHz; cond = 1.92 S/m; perm = 40.6; density = 1000 kg/m3
Phantom Section: LeftHead; Space: 0.00 mm

Test Date: 07/04/2023; Ambient Temp: 21.5°C; Tissue Temp: 21.0°C

Probe: EX3DV4 - SN7547; ConvF:(6.92,6.92,6.92); Calibrated: 2022-10-19
Sensor-Surface: 1.4mm (All points)
Electronics: DAE4 Sn1322; Calibrated: 2022-10-17
Phantom: Twin-SAM V8.0; Serial: 1934
Measurement SW: DASY Module SAR V16.2.0.1425

Mode: LTE Band 41, ULCA, Antenna B, Left Head, Cheek, Mid-High Ch., QPSK
PCC: 20 MHz Bandwidth, Ch. 40155, 1 RB, 0 RB Offset
SCC: 20 MHz Bandwidth, Ch. 40857, 1 RB, 99 RB Offset

Area Scan (120.0 x 200.0): Measurement grid: dx=10.0 mm, dy=10.0 mm
Zoom Scan (30.0 x 30.0 x 30.0): Measurement grid: dx=5.0 mm, dy=5.0 mm, dz=1.5 mm; Graded Ratio: 1.5
Reference Value = 0.03 W/kg; Power Drift = -0.03 dB
Peak SAR (extrapolated) = 0.055 W/kg
SAR(1 g) = 0.029 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 = 82.2 %



ELEMENT

DUT: A3LSMF731JPN; Type: Portable Handset; Serial: 0146M

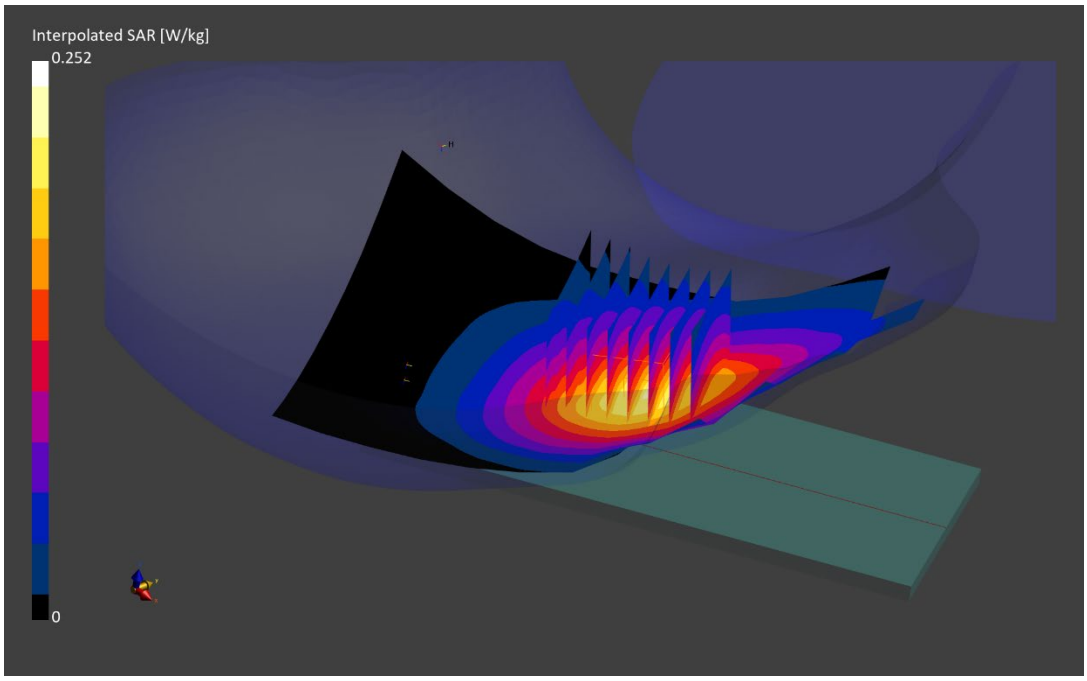
Communication System: UID:10931 - AAC, 5G NR FR1 FDD; MAIA: Y; Frequency: 836.5 MHz
Medium: 835 Head; Medium parameters used:
f = 836.5 MHz; cond = 0.893 S/m; perm = 42.9; density = 1000 kg/m3
Phantom Section: RightHead; Space: 0.00 mm

Test Date: 07/03/2023; Ambient Temp: 21.8°C; Tissue Temp: 20.4°C

Probe: EX3DV4 - SN7713; ConvF:(10.17,10.17,10.17); Calibrated: 2023-01-11
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1530; Calibrated: 2023-01-18
Phantom: Twin-SAM V8.0; Serial: 2065
Measurement SW: DASY Module SAR V16.2.0.1425

Mode: NR Band n5, Right Head, Cheek, Ch. 167300, 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 = 0.21 W/kg; Power Drift = -0.03 dB
Peak SAR (extrapolated) = 0.252 W/kg
SAR(1 g) = 0.197 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 = 92.4 %



ELEMENT

DUT: A3LSMF731JPN; Type: Portable Handset; Serial: 0146M

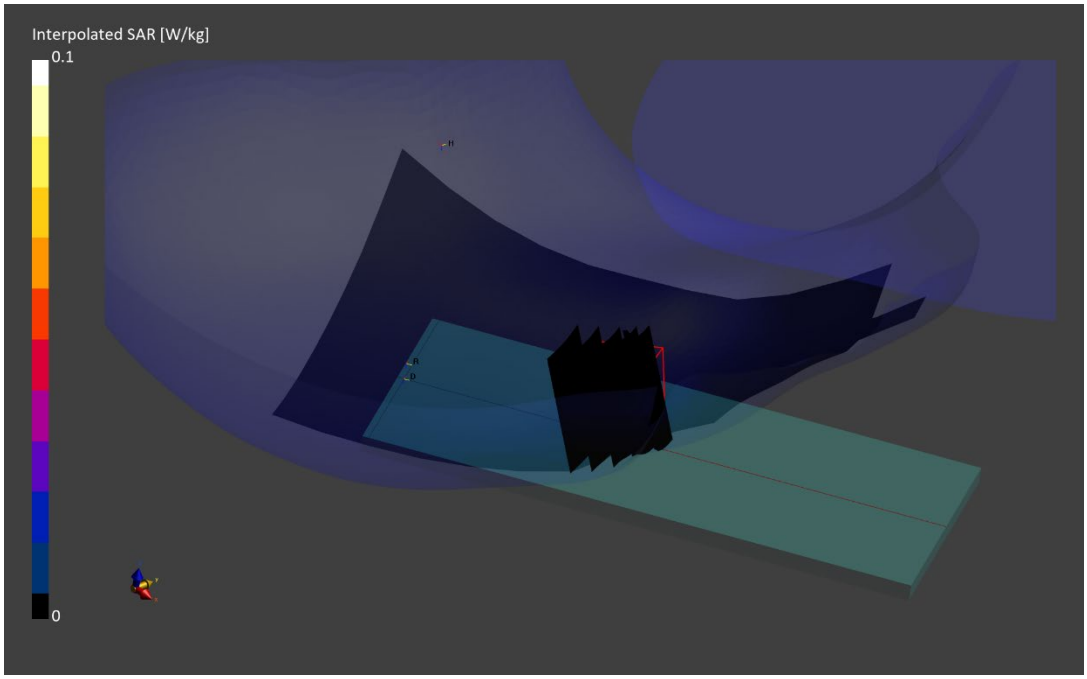
Communication System: UID:10934 - AAC, 5G NR FR1 FDD; MAIA: Y; Frequency: 1745.0 MHz
Medium: 1750 Head; Medium parameters used:
f = 1745.0 MHz; cond = 1.40 S/m; perm = 39.2; density = 1000 kg/m3
Phantom Section: RightHead; Space: 0.00 mm

Test Date: 07/05/2023; Ambient Temp: 22.5°C; Tissue Temp: 22.5°C

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

Mode: NR Band n66, Right Head, Cheek, 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 (36.0 x 36.0 x 30.0): Measurement grid: dx=6.0 mm, dy=6.0 mm, dz=1.5 mm; Graded Ratio: 1.5
Reference Value = 0.00 W/kg; Power Drift = 0.03 dB
Peak SAR (extrapolated) = 0.004 W/kg
SAR(1 g) = 0.006 W/kg
Smallest distance from peaks to all points 3 dB below is 2.5 mm
Ratio of SAR at M2 to SAR at M1 = 85.1 %



ELEMENT

DUT: A3LSMF731JPN; Type: Portable Handset; Serial: 0140M

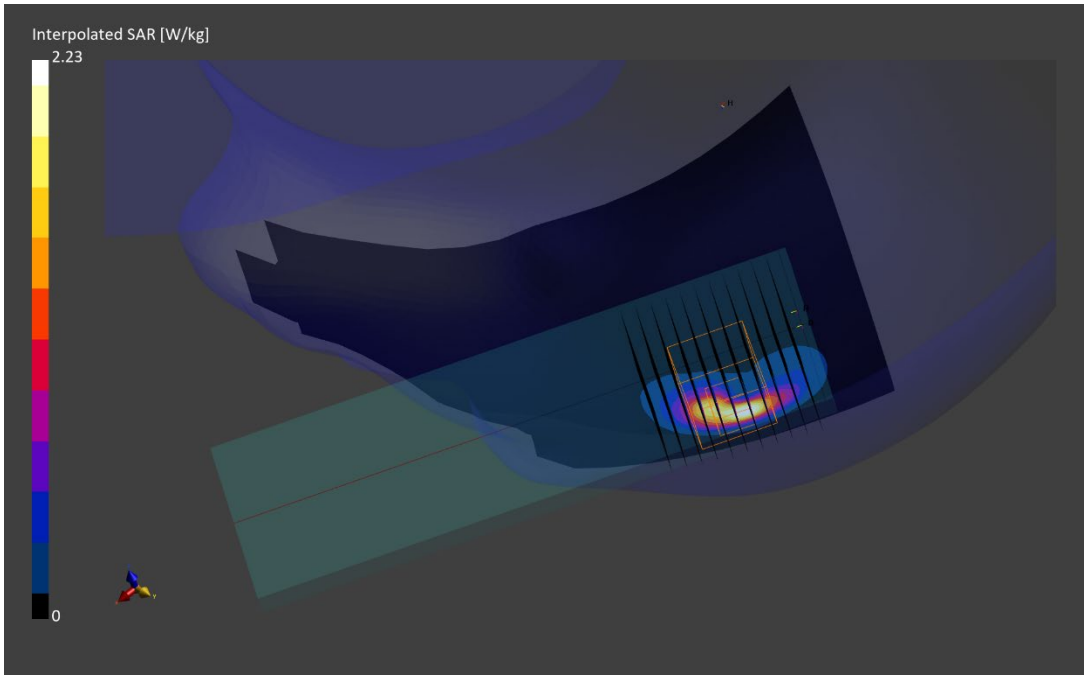
Communication System: UID:10868 - AAD, 5G NR FR1 TDD; MAIA: Y; Frequency: 2593.0 MHz
Medium: 2450 Head; Medium parameters used:
f = 2593.0 MHz; cond = 1.94 S/m; perm = 40.7; density = 1000 kg/m3
Phantom Section: LeftHead; Space: 0.00 mm

Test Date: 06/28/2023; Ambient Temp: 20.5°C; Tissue Temp: 20.9°C

Probe: EX3DV4 - SN7713; ConvF:(8.03,8.03,8.03); Calibrated: 2023-01-11
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1530; Calibrated: 2023-01-18
Phantom: Twin-SAM V8.0; Serial: 2065
Measurement SW: DASY Module SAR V16.2.0.1425

Mode: NR Band n41, Left Head, Cheek, Ch. 518598, 100 MHz Bandwidth, DFT-s-OFDM QPSK, 270 RB, 0 RB Offset

Area Scan (120.0 x 200.0): Measurement grid: dx=10.0 mm, dy=10.0 mm
Zoom Scan (30.0 x 30.0 x 30.0): Measurement grid: dx=4.2 mm, dy=4.2 mm, dz=1.5 mm; Graded Ratio: 1.5
Reference Value = 0.91 W/kg; Power Drift = -0.02 dB
Peak SAR (extrapolated) = 2.23 W/kg
SAR(1 g) = 0.778 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 = 69.9 %



ELEMENT

DUT: A3LSMF731JPN; Type: Portable Handset; Serial: 0881M

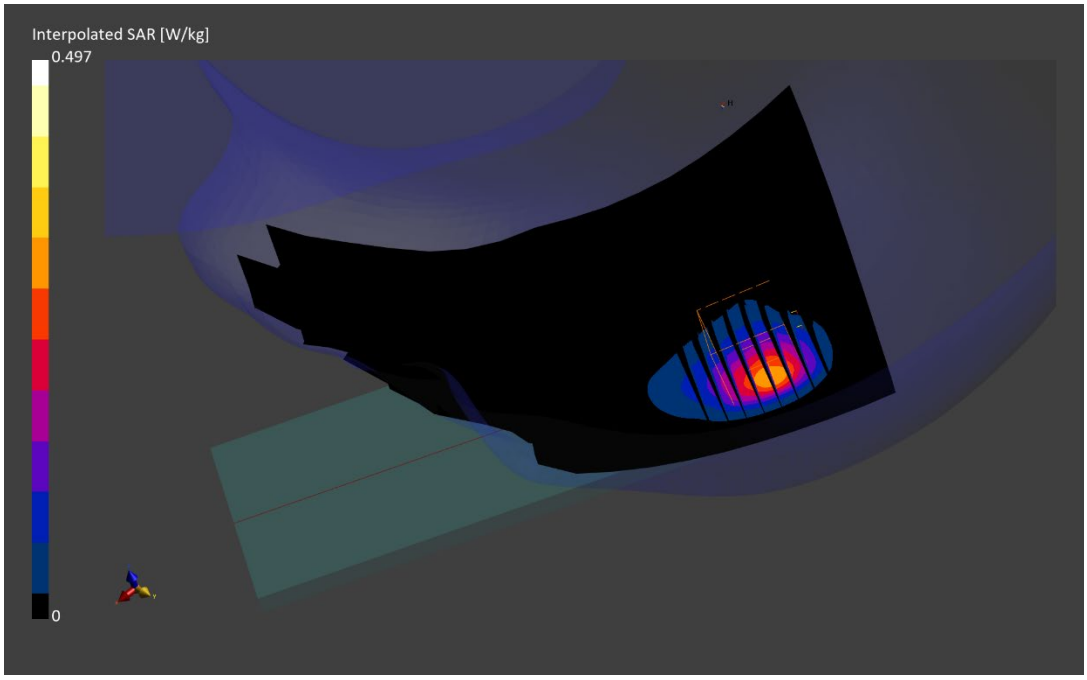
Communication System: UID:10415 - AAA, WLAN; MAIA: Y; Frequency: 2437.0 MHz
Medium: 2450 Head; Medium parameters used:
f = 2437.0 MHz; cond = 1.83 S/m; perm = 39.2; density = 1000 kg/m3
Phantom Section: LeftHead; Space: 0.00 mm

Test Date: 06/26/2023; Ambient Temp: 19.9°C; Tissue Temp: 20.4°C

Probe: EX3DV4 - SN7565; ConvF:(7.08,7.08,7.08); Calibrated: 2023-01-12
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1466; Calibrated: 2023-01-20
Phantom: Twin-SAM V5.0; Serial: 1868
Measurement SW: DASY Module SAR V16.2.0.1425

Mode: IEEE 802.11b, Antenna 2, 22 MHz Bandwidth, Left Head, Cheek, Ch.6, 1 Mbps

Area Scan (120.0 x 200.0): Measurement grid: dx=10.0 mm, dy=10.0 mm
Zoom Scan (30.0 x 30.0 x 30.0): Measurement grid: dx=5.0 mm, dy=5.0 mm, dz=1.5 mm; Graded Ratio: 1.5
Reference Value = 0.25 W/kg; Power Drift = 0.04 dB
Peak SAR (extrapolated) = 0.497 W/kg
SAR(1 g) = 0.258 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 = 82.7 %



ELEMENT

DUT: A3LSMF731JPN; Type: Portable Handset; Serial: 1014M

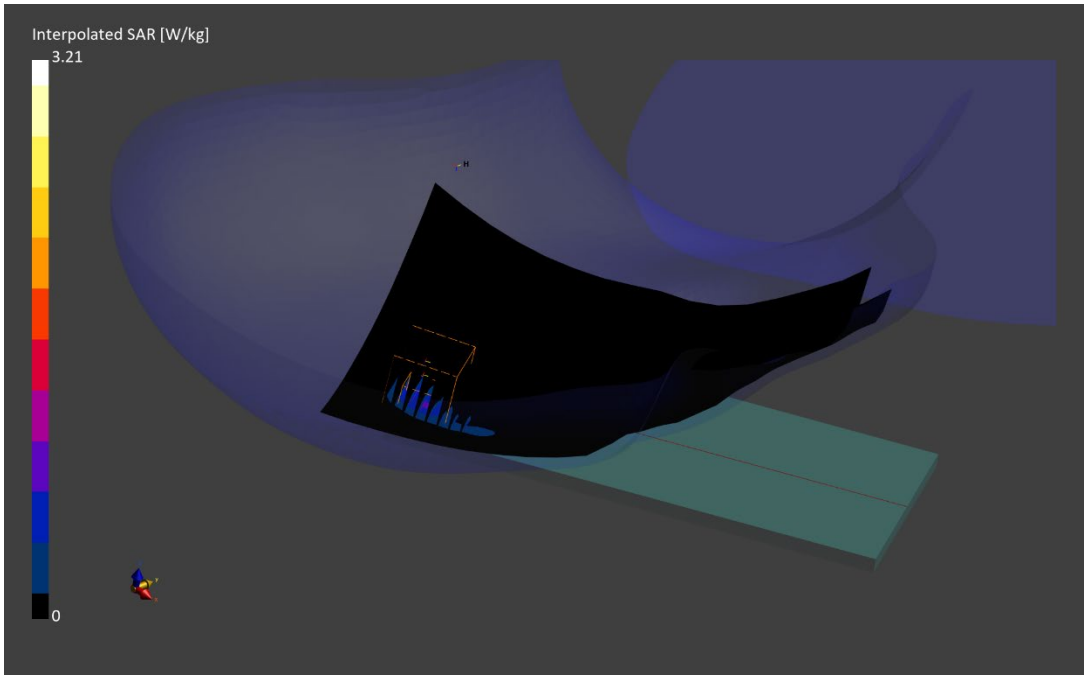
Communication System: UID:10196 - CAD, WLAN; MAIA: Y; Frequency: 5260.0 MHz
Medium: 5200-5800 Head; Medium parameters used:
f = 5260.0 MHz; cond = 4.65 S/m; perm = 35.0; density = 1000 kg/m3
Phantom Section: RightHead; Space: 0.00 mm

Test Date: 06/28/2023; Ambient Temp:19.9°C; Tissue Temp: 20.3°C

Probe: EX3DV4 - SN7565; ConvF:(5.29,5.29,5.29); Calibrated: 2023-01-12
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1466; Calibrated: 2023-01-20
Phantom: Twin-SAM V5.0; Serial: 1868
Measurement SW: DASY Module SAR V16.2.0.1425

Mode: IEEE 802.11n, 20 MHz Bandwidth, UNII-2C, MIMO
Ch. 52, Right Head, Cheek, 13 Mbps

Area Scan (120.0 x 200.0): Measurement grid: dx=10.0 mm, dy=10.0 mm
Zoom Scan (22.0 x 22.0 x 22.0): Measurement grid: dx=4.0 mm, dy=4.0 mm, dz=1.4 mm; Graded Ratio: 1.4
Reference Value = 0.51 W/kg; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 3.21 W/kg
SAR(1 g) = 0.755 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 = 62.1 %



ELEMENT

DUT: A3LSMF731JPN; Type: Portable Handset; Serial: 0880M

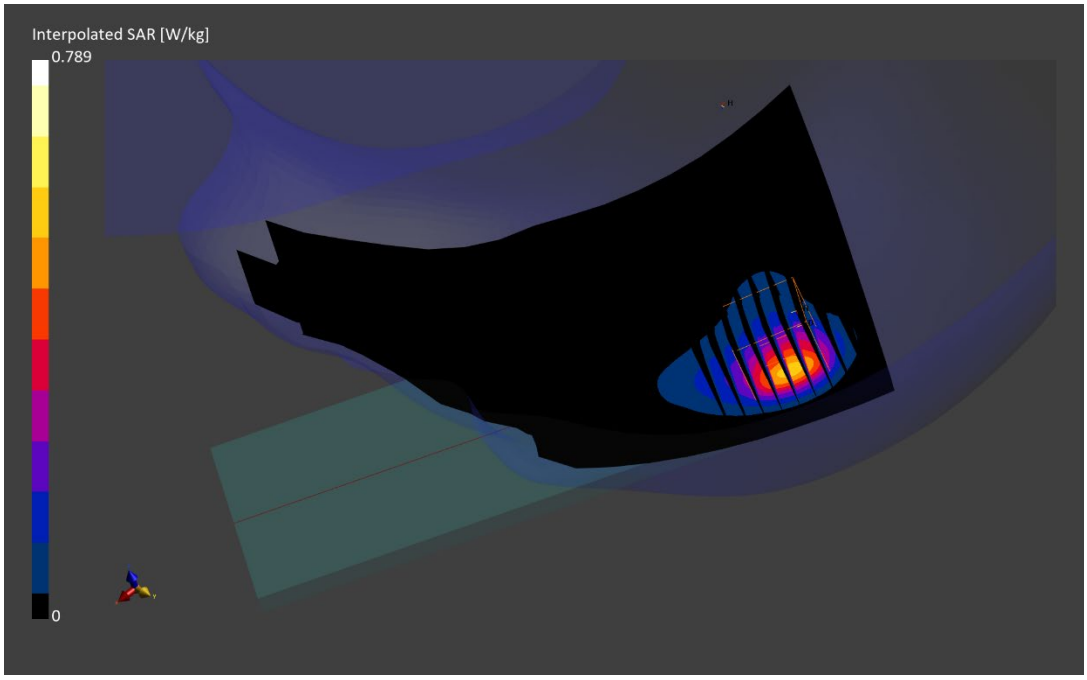
Communication System: UID:10032 - CAA, Bluetooth; MAIA: Y; Frequency: 2441.0 MHz
Medium: 2450 Head; Medium parameters used:
f = 2441.0 MHz; cond = 1.80 S/m; perm = 38.8; density = 1000 kg/m3
Phantom Section: LeftHead; Space: 0.00 mm

Test Date: 06/20/2023; Ambient Temp: 24.6°C; Tissue Temp: 22.9°C

Probe: EX3DV4 - SN7570; ConvF:(7.55,7.55,7.55); Calibrated: 2023-01-11
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1558; Calibrated: 2023-01-17
Phantom: Twin-SAM V8.0; Serial: 2060
Measurement SW: DASY Module SAR V16.2.0.1425

Mode: Bluetooth, Antenna 2, Left Head, Cheek, Ch. 39, 1 Mbps

Area Scan (120.0 x 200.0): Measurement grid: dx=10.0 mm, dy=10.0 mm
Zoom Scan (30.0 x 30.0 x 30.0): Measurement grid: dx=5.0 mm, dy=5.0 mm, dz=1.5 mm; Graded Ratio: 1.5
Reference Value = 0.42 W/kg; Power Drift = 0.05 dB
Peak SAR (extrapolated) = 0.789 W/kg
SAR(1 g) = 0.424 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 = 82.6 %



ELEMENT

DUT: A3LSMF731JPN; Type: Portable Handset; Serial: 0148M

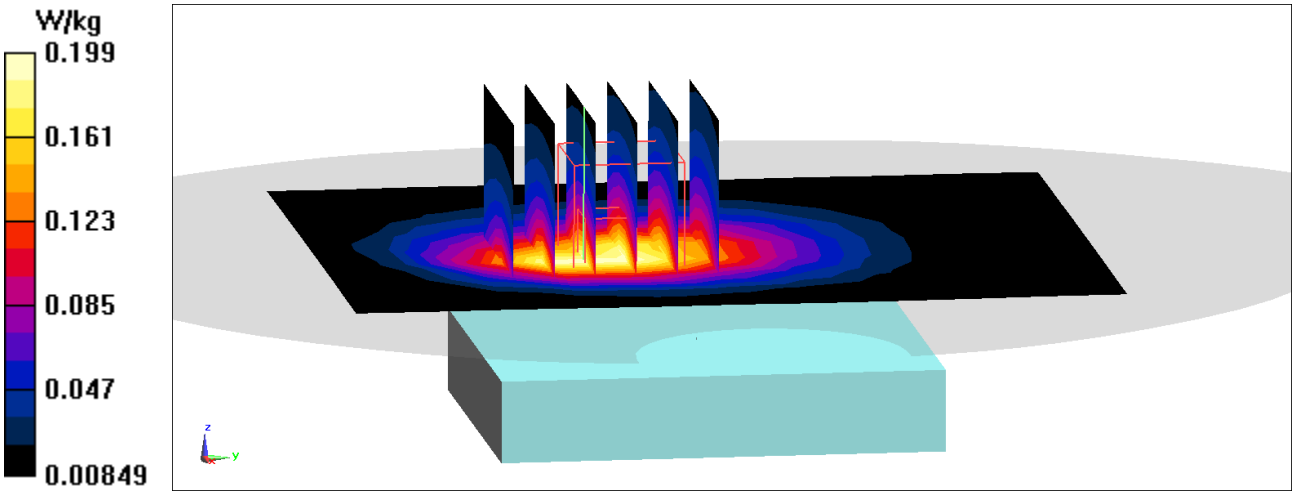
Communication System: UID 0, GSM; Frequency: 836.6 MHz; Duty Cycle: 1:8.3
Medium: 835 Head; Medium parameters used (interpolated):
f = 836.6 MHz; σ = 0.904 S/m; ε_r = 41.435; ρ = 1000 kg/m^3
Phantom section: Flat Section; Space: 1.5 cm

Test Date: 07/05/2023; Ambient Temp: 22.2°C; Tissue Temp: 21.3°C

Probe: EX3DV4 - SN7640; ConvF(10.56, 10.56, 10.56) @ 836.6 MHz; Calibrated: 2/10/2023
Sensor-Surface: 1.4mm (Mechanical Surface Detection)
Electronics: DAE4 Sn1645; Calibrated: 2/16/2023
Phantom: Twin-SAM V8.0; Type: QD 000 P41 AA; Serial: 1937
Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7501)

Mode: GSM 850, Closed, Body SAR, Back side, Mid.ch

Area Scan (9x11x1): Measurement grid: dx=15mm, dy=15mm
Zoom Scan 1 (6x6x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 13.24 V/m; Power Drift = -0.06 dB
Peak SAR (extrapolated) = 0.230 W/kg
SAR(1 g) = 0.149 W/kg
Smallest distance from peaks to all points 3 dB below = 17.3 mm
Ratio of SAR at M2 to SAR at M1 = 63.8%



ELEMENT

DUT: A3LSMF731JPN; Type: Portable Handset; Serial: 0122M

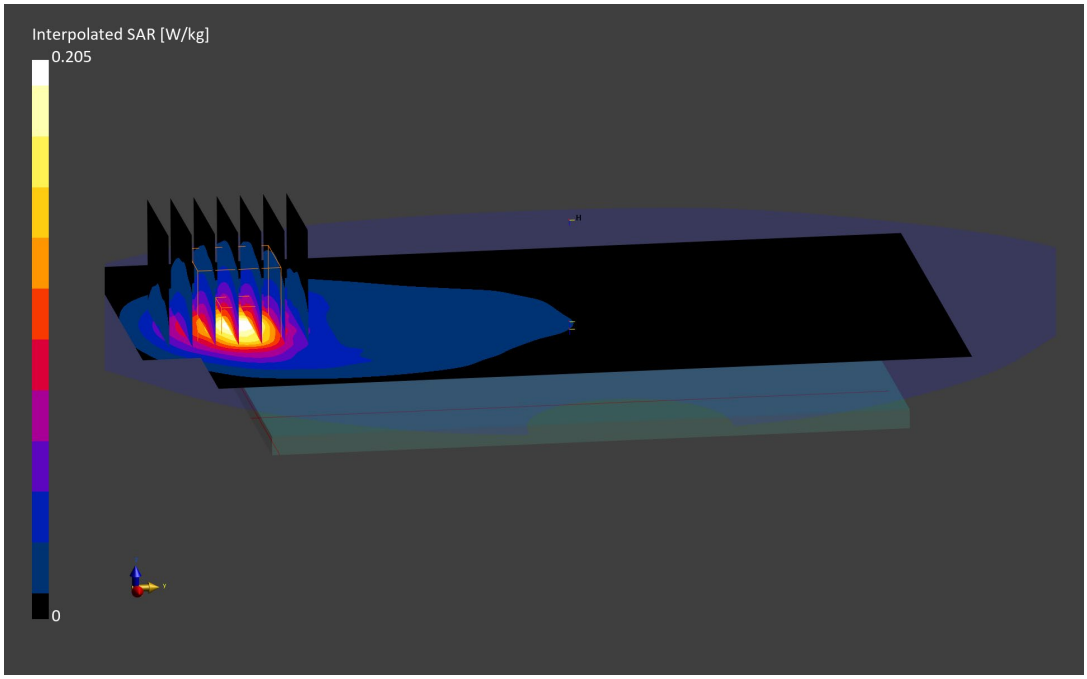
Communication System: UID:10021 - DAC, GSM; MAIA: Y; Frequency: 1880.0 MHz
Medium: 1900 Head; Medium parameters used:
f = 1880.0 MHz; cond = 1.37 S/m; perm = 38.8; density = 1000 kg/m3
Phantom Section: Flat; Space: 15.00 mm

Test Date: 06/21/2023; Ambient Temp: 22.9°C; Tissue Temp: 21.2°C

Probe: EX3DV4 - SN7410; ConvF:(8.04,8.04,8.04); Calibrated: 2022-07-19
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1583; Calibrated: 2022-07-18
Phantom: Twin-SAM V8.0; Serial: 1630
Measurement SW: DASY Module SAR V16.2.0.1425

Mode: GSM 1900, Antenna A, Open, 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 (36.0 x 36.0 x 30.0): Measurement grid: dx=6.0 mm, dy=6.0 mm, dz=1.5 mm; Graded Ratio: 1.5
Reference Value = 0.11 W/kg; Power Drift = -0.03 dB
Peak SAR (extrapolated) = 0.205 W/kg
SAR(1 g) = 0.099 W/kg
Smallest distance from peaks to all points 3 dB below is 12.0 mm
Ratio of SAR at M2 to SAR at M1 = 85.3 %



ELEMENT

DUT: A3LSMF731JPN; Type: Portable Handset; Serial: 0148M

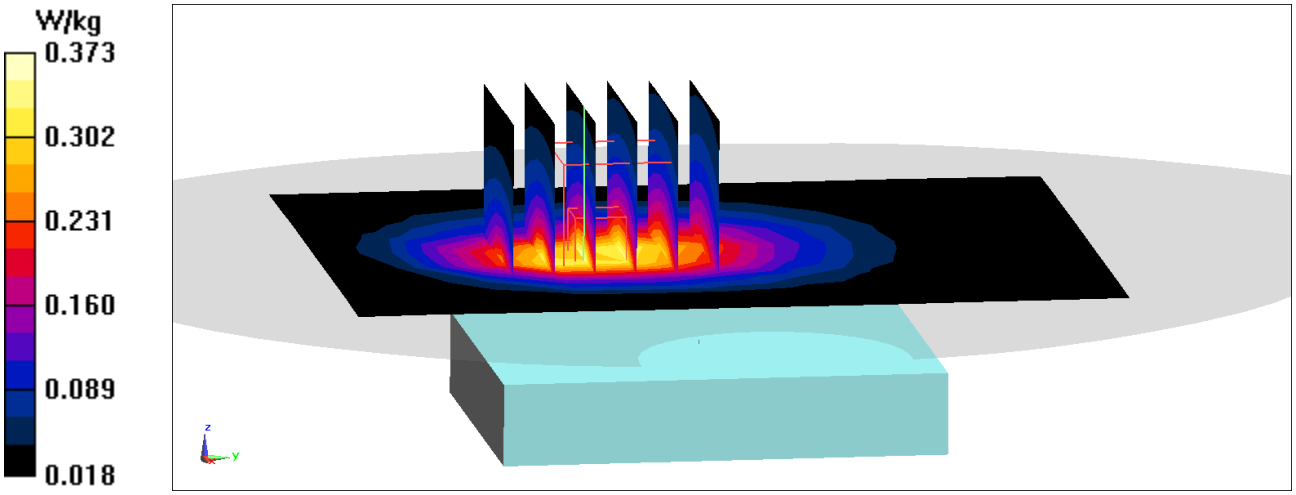
Communication System: UID 0, UMTS; Frequency: 826.4 MHz; Duty Cycle: 1:1
Medium: 835 Head; Medium parameters used (interpolated):
f = 826.4 MHz; σ = 0.875 S/m; ε_r = 40.848; ρ = 1000 kg/m^3
Phantom section: Flat Section; Space: 1.5 cm

Test Date: 06/30/2023; Ambient Temp: 22.5°C; Tissue Temp: 22.3°C

Probe: EX3DV4 - SN7640; ConvF(10.56, 10.56, 10.56) @ 826.4 MHz; Calibrated: 2/10/2023
Sensor-Surface: 1.4mm (Mechanical Surface Detection)
Electronics: DAE4 Sn1645; Calibrated: 2/16/2023
Phantom: Twin-SAM V8.0; Type: QD 000 P41 AA; Serial: 1937
Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7501)

Mode: UMTS 850, Closed, Body SAR, Back side, Low.ch

Area Scan (9x11x1): Measurement grid: dx=15mm, dy=15mm
Zoom Scan 1 (6x6x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 18.13 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 0.434 W/kg
SAR(1 g) = 0.274 W/kg
Smallest distance from peaks to all points 3 dB below = 17.9 mm
Ratio of SAR at M2 to SAR at M1 = 63.2%



ELEMENT

DUT: A3LSMF731JPN; Type: Portable Handset; Serial: 0143M

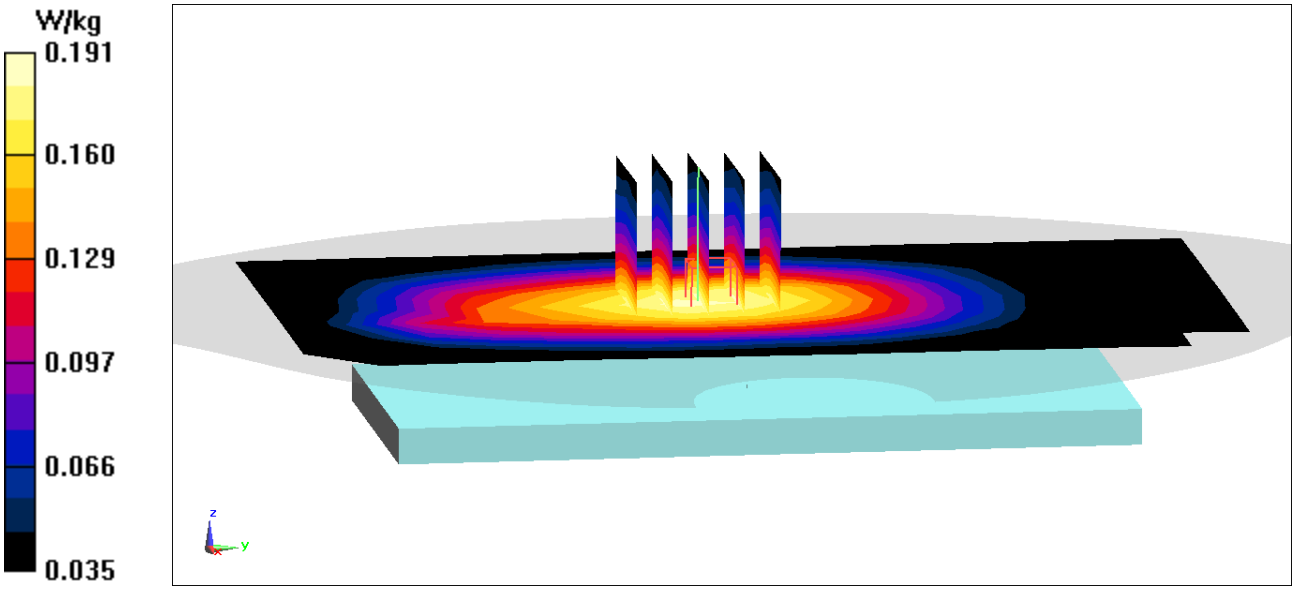
Communication System: UID 0, LTE Band 12; Frequency: 707.5 MHz; Duty Cycle: 1:1
Medium: 750 Head; Medium parameters used (interpolated):
f = 707.5 MHz; σ = 0.857 S/m; ε_r = 40.29; ρ = 1000 kg/m^3
Phantom section: Flat Section; Space: 1.5 cm

Test Date: 07/06/2023; Ambient Temp: 22.4°C; Tissue Temp: 22.5°C

Probe: EX3DV4 - SN7637; ConvF(10.29, 10.29, 10.29) @ 707.5 MHz; Calibrated: 3/16/2023
Sensor-Surface: 1.4mm (Mechanical Surface Detection)
Electronics: DAE4 Sn1652; Calibrated: 3/16/2023
Phantom: Twin-SAM V4.0; Type: QD 000 P40 CC; Serial: 1596
Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7501)

Mode: LTE Band 12, Open, Body SAR, Back side, Mid.ch,
10 MHz Bandwidth, QPSK, 25 RB, 12 RB Offset

Area Scan (9x15x1): Measurement grid: dx=15mm, dy=15mm
Zoom Scan (5x5x7): Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 14.23 V/m; Power Drift = 0.03 dB
Peak SAR (extrapolated) = 0.201 W/kg
SAR(1 g) = 0.164 W/kg
Smallest distance from peaks to all points 3 dB below: Larger than measurement grid (> 16 mm)
Ratio of SAR at M2 to SAR at M1 = 80.7%



ELEMENT

DUT: A3LSMF731JPN; Type: Portable Handset; Serial: 0143M

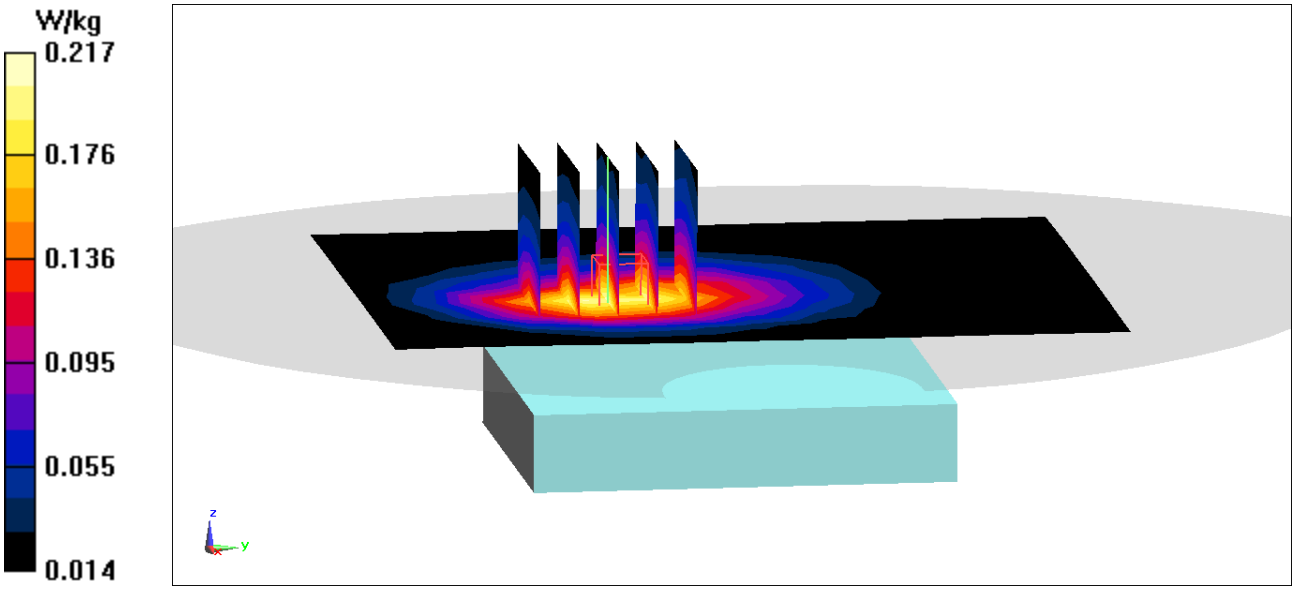
Communication System: UID 0, LTE Band 13; Frequency: 782 MHz; Duty Cycle: 1:1
Medium: 750 Head; Medium parameters used (interpolated):
f = 782 MHz; σ = 0.876 S/m; ε_r = 42.614; ρ = 1000 kg/m^3
Phantom section: Flat Section; Space: 1.5 cm

Test Date: 07/10/2023; Ambient Temp: 22.5°C; Tissue Temp: 21.5°C

Probe: EX3DV4 - SN7637; ConvF(10.29, 10.29, 10.29) @ 782 MHz; Calibrated: 3/16/2023
Sensor-Surface: 1.4mm (Mechanical Surface Detection)
Electronics: DAE4 Sn1652; Calibrated: 3/16/2023
Phantom: Twin-SAM V4.0; Type: QD 000 P40 CC; Serial: 1596
Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7501)

Mode: LTE Band 13, Closed, Body SAR, Back side, Mid.ch, 10 MHz Bandwidth, QPSK, 25 RB, 0 RB Offset

Area Scan (9x11x1): Measurement grid: dx=15mm, dy=15mm
Zoom Scan (5x5x7): Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 14.53 V/m; Power Drift = -0.04 dB
Peak SAR (extrapolated) = 0.238 W/kg
SAR(1 g) = 0.167 W/kg
Smallest distance from peaks to all points 3 dB below = 19.5 mm
Ratio of SAR at M2 to SAR at M1 = 69%



ELEMENT

DUT: A3LSMF731JPN; Type: Portable Handset; Serial: 0148M

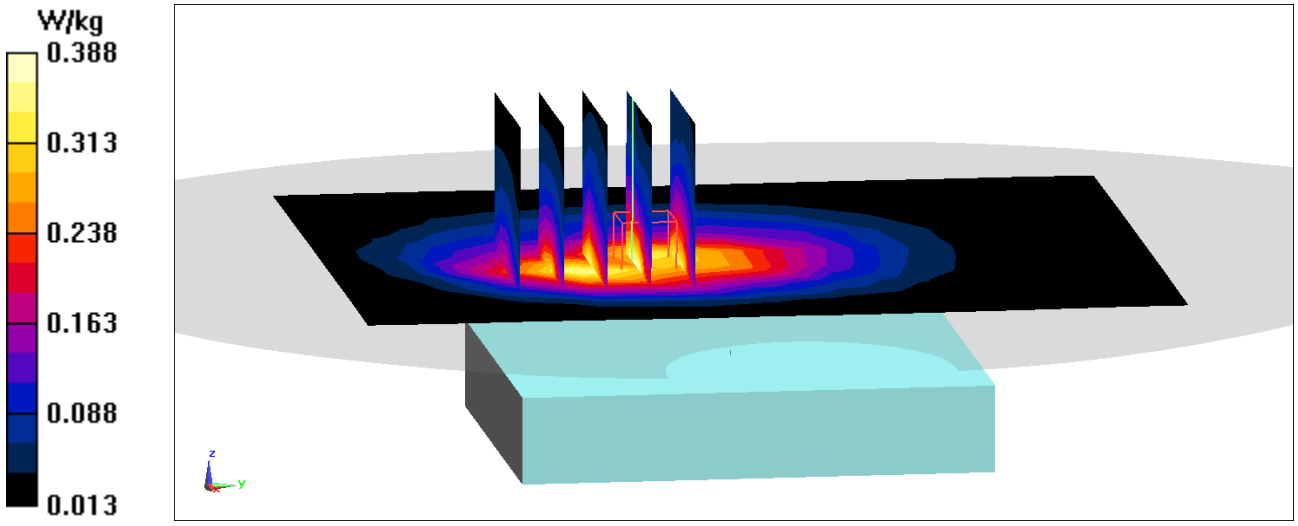
Communication System: UID 0, LTE Band 5; Frequency: 836.5 MHz; Duty Cycle: 1:1
Medium: 835 Head; Medium parameters used (interpolated):
f = 836.5 MHz; σ = 0.912 S/m; ε_r = 41.706; ρ = 1000 kg/m^3
Phantom section: Flat Section; Space: 1.5 cm

Test Date: 07/06/2023; Ambient Temp: 21.2°C; Tissue Temp: 20.2°C

Probe: EX3DV4 - SN7640; ConvF(10.56, 10.56, 10.56) @ 836.5 MHz; Calibrated: 2/10/2023
Sensor-Surface: 1.4mm (Mechanical Surface Detection)
Electronics: DAE4 Sn1645; Calibrated: 2/16/2023
Phantom: Twin-SAM V8.0; Type: QD 000 P41 AA; Serial: 1937
Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7501)

Mode: LTE Band 5 (Cell.), Body SAR, Back side, Mid.ch,
10 MHz Bandwidth, QPSK, 1 RB, 0 RB Offset

Area Scan (9x11x1): Measurement grid: dx=15mm, dy=15mm
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 16.08 V/m; Power Drift = 0.06 dB
Peak SAR (extrapolated) = 0.457 W/kg
SAR(1 g) = 0.294 W/kg
Smallest distance from peaks to all points 3 dB below = 14.3 mm
Ratio of SAR at M2 to SAR at M1 = 65%



ELEMENT

DUT: A3LSMF731JPN; Type: Portable Handset; Serial: 0194M

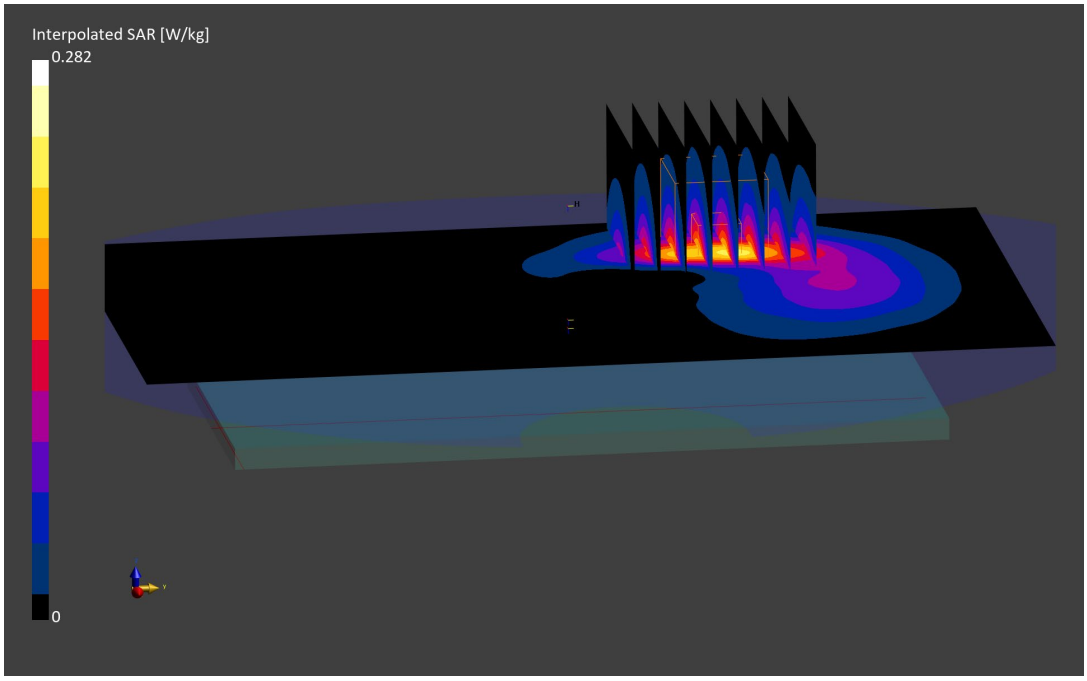
Communication System: UID:10169 - CAE, LTE-FDD; MAIA: Y; Frequency: 1720.0 MHz
Medium: 1750 Head; Medium parameters used:
f = 1720.0 MHz; cond = 1.37 S/m; perm = 41.2; density = 1000 kg/m3
Phantom Section: Flat; Space: 15.00 mm

Test Date: 07/08/2023; Ambient Temp: 20.8°C; Tissue Temp: 21.4°C

Probe: EX3DV4 - SN7417; ConvF:(8.32,8.32,8.32); Calibrated: 2023-02-08
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn665; Calibrated: 2023-02-15
Phantom: Twin-SAM V5.0; Serial: 1757
Measurement SW: DASY Module SAR V16.2.0.1425

Mode: LTE Band 66, Antenna I, Body SAR, Back Side, Low Ch., 20 MHz Bandwidth, QPSK, 1 RB, 99 RB Offset

Area Scan (120.0 x 210.0): Measurement grid: dx=15.0 mm, dy=15.0 mm
Zoom Scan (30.0 x 30.0 x 30.0): Measurement grid: dx=6.0 mm, dy=6.0 mm, dz=1.5 mm; Graded Ratio: 1.5
Reference Value = 0.19 W/kg; Power Drift = 0.00 dB
Peak SAR (extrapolated) = 0.282 W/kg
SAR(1 g) = 0.167 W/kg
Smallest distance from peaks to all points 3 dB below is 12.1 mm
Ratio of SAR at M2 to SAR at M1 = 84.2 %



ELEMENT

DUT: A3LSMF731JPN; Type: Portable Handset; Serial: 0122M

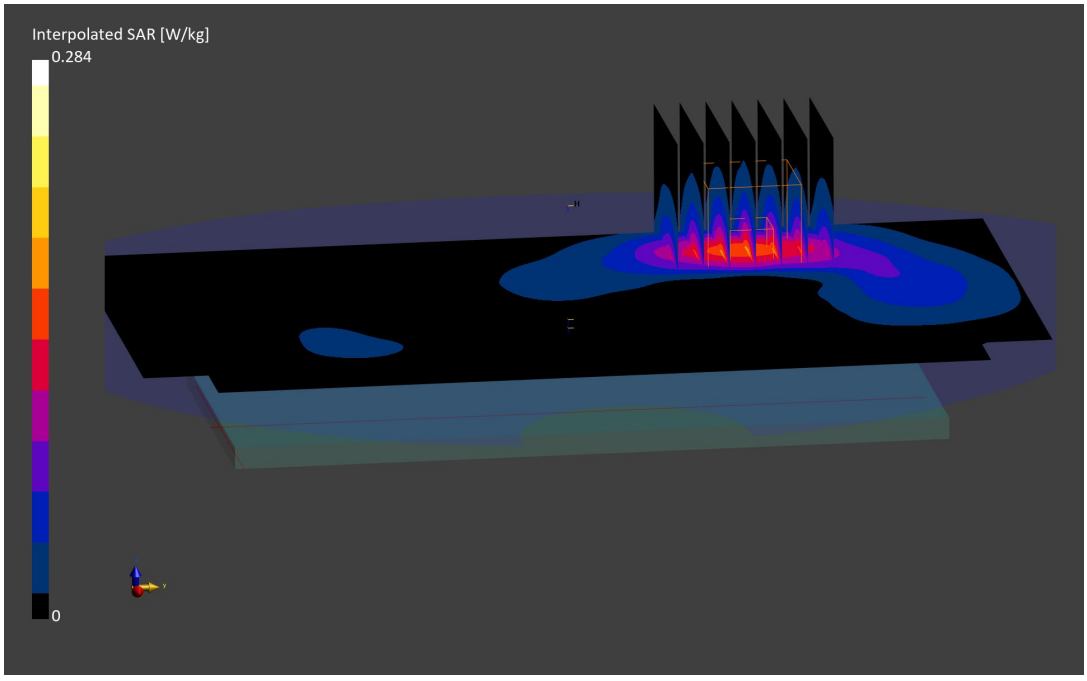
Communication System: UID:10297 - AAD, LTE-FDD; MAIA: Y; Frequency: 1900.0 MHz
Medium: 1900 Head; Medium parameters used:
f = 1900.0 MHz; cond = 1.39 S/m; perm = 39.1; density = 1000 kg/m3
Phantom Section: Flat; Space: 15.00 mm

Test Date: 07/12/2023; Ambient Temp: 22.0°C; Tissue Temp: 23.8°C

Probe: EX3DV4 - SN7409; ConvF:(8.2,8.2,8.2); Calibrated: 2023-06-15
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1334; Calibrated: 2023-06-15
Phantom: Twin-SAM V8.0; Serial: 1630
Measurement SW: DASY Module SAR V16.2.0.1425

Mode: LTE Band 2, Antenna I, Open, Body SAR, Back Side, High 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 (36.0 x 36.0 x 30.0): Measurement grid: dx=6.0 mm, dy=6.0 mm, dz=1.5 mm; Graded Ratio: 1.5
Reference Value = 0.17 W/kg; Power Drift = 0.00 dB
Peak SAR (extrapolated) = 0.284 W/kg
SAR(1 g) = 0.154 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 = 81.9 %



ELEMENT

DUT: A3LSMF731JPN; Type: Portable Handset; Serial: 0153M

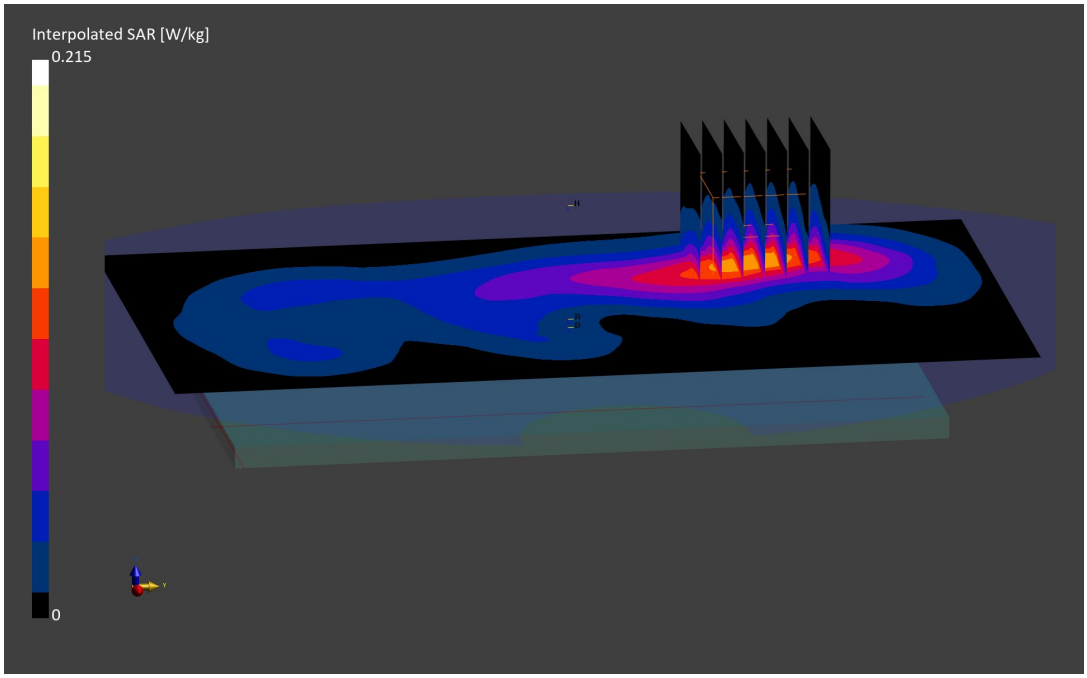
Communication System: UID:10435 - AAF, LTE-TDD; MAIA: Y; Frequency: 2680.0 MHz
Medium: 2450 Head; Medium parameters used:
f = 2680.0 MHz; cond = 1.97 S/m; perm = 40.8; density = 1000 kg/m3
Phantom Section: Flat; Space: 15.00 mm

Test Date: 07/06/2023; Ambient Temp: 23.6°C; Tissue Temp: 20.5°C

Probe: EX3DV4 - SN7547; ConvF:(6.92,6.92,6.92); Calibrated: 2022-10-19
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1322; Calibrated: 2022-10-17
Phantom: Twin-SAM V8.0; Serial: 1934
Measurement SW: DASY Module SAR V16.2.0.1425

Mode: LTE Band 41, ULCA, Antenna I, Closed, Body SAR, Back Side, High Ch., QPSK
PCC: 20 MHz Bandwidth, Ch. 41490, 1 RB, 0 RB Offset
SCC: 20 MHz Bandwidth, Ch. 41292, 1 RB, 99 RB Offset

Area Scan (120.0 x 200.0): Measurement grid: dx=10.0 mm, dy=10.0 mm
Zoom Scan (30.0 x 30.0 x 30.0): Measurement grid: dx=5.0 mm, dy=5.0 mm, dz=1.5 mm; Graded Ratio: 1.5
Reference Value = 0.11 W/kg; Power Drift = 0.05 dB
Peak SAR (extrapolated) = 0.215 W/kg
SAR(1 g) = 0.114 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 = 81.0 %



ELEMENT

DUT: A3LSMF731JPN; Type: Portable Handset; Serial: 0146M

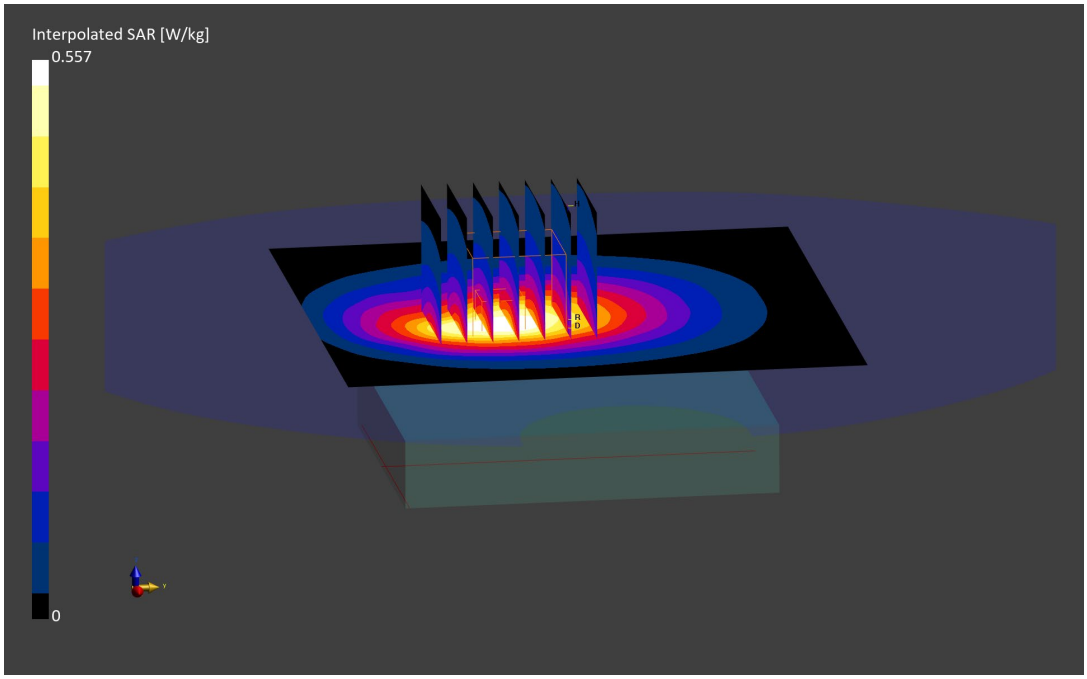
Communication System: UID:10931 - AAC, 5G NR FR1 FDD; MAIA: Y; Frequency: 836.5 MHz
Medium: 835 Head; Medium parameters used:
f = 836.5 MHz; cond = 0.893 S/m; perm = 42.9; density = 1000 kg/m3
Phantom Section: Flat; Space: 15.00 mm

Test Date: 07/03/2023; Ambient Temp: 21.8°C; Tissue Temp: 20.4°C

Probe: EX3DV4 - SN7713; ConvF:(10.17,10.17,10.17); Calibrated: 2023-01-11
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1530; Calibrated: 2023-01-18
Phantom: Twin-SAM V8.0; Serial: 2065
Measurement SW: DASY Module SAR V16.2.0.1425

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

Area Scan (120.0 x 120.0): 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 = -0.03 dB
Peak SAR (extrapolated) = 0.557 W/kg
SAR(1 g) = 0.345 W/kg
Smallest distance from peaks to all points 3 dB below is 17.8 mm
Ratio of SAR at M2 to SAR at M1 = 83.6 %



ELEMENT

DUT: A3LSMF731JPN; Type: Portable Handset; Serial: 0146M

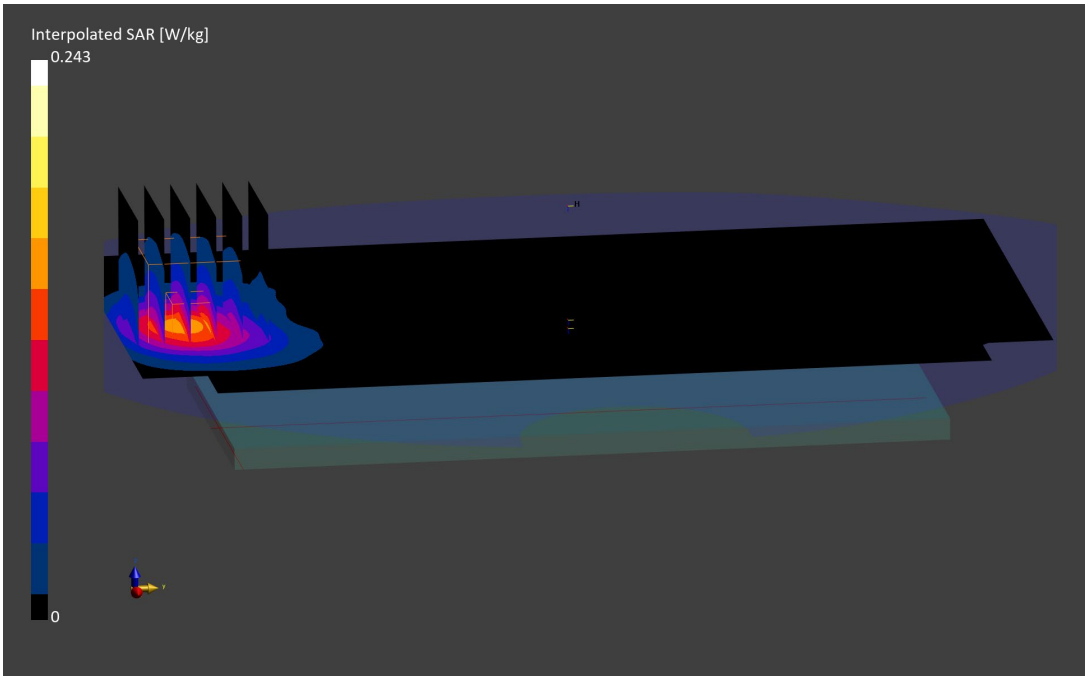
Communication System: UID:10942 - AAC, 5G NR FR1 FDD; MAIA: Y; Frequency: 1745.0 MHz
Medium: 1750 Head; Medium parameters used:
f = 1745.0 MHz; cond = 1.36 S/m; perm = 38.9; density = 1000 kg/m3
Phantom Section: Flat; Space: 15.00 mm

Test Date: 07/10/2023; Ambient Temp: 21.0°C; Tissue Temp: 21.0°C

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

Mode: NR Band n66, Antenna A, Body SAR, Back Side, Ch. 349000, 40 MHz Bandwidth, DFT-s-OFDM QPSK, 108 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 = 0.14 W/kg; Power Drift = -0.04 dB
Peak SAR (extrapolated) = 0.243 W/kg
SAR(1 g) = 0.135 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 = 82.0 %



ELEMENT

DUT: A3LSMF731JPN; Type: Portable Handset; Serial: 0194M

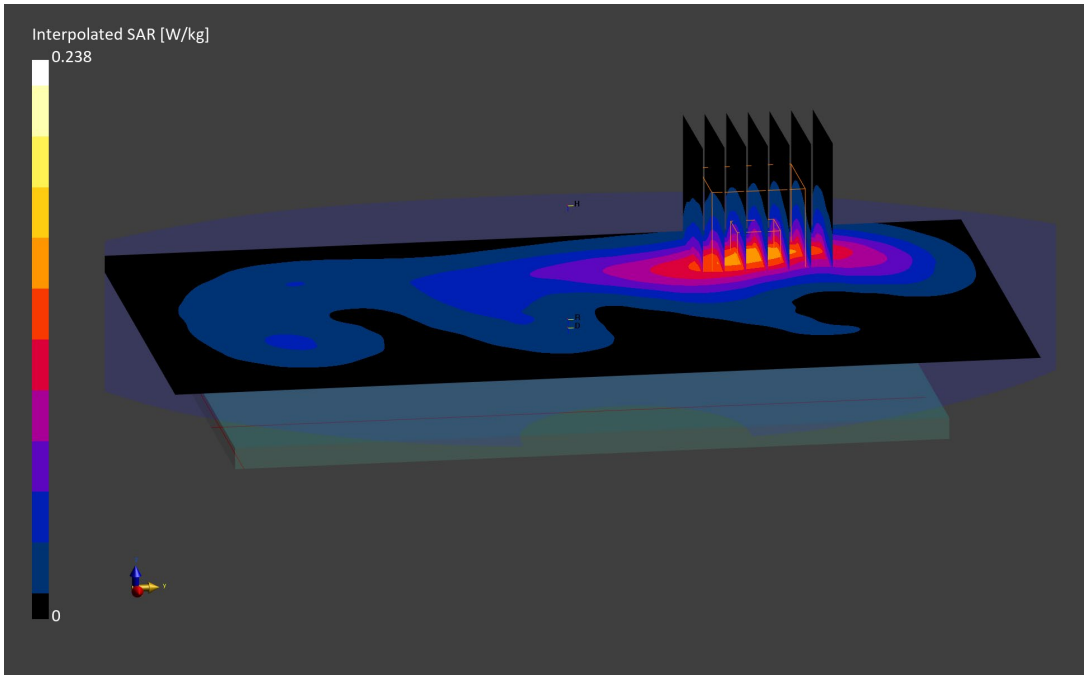
Communication System: UID:10917 - AAB, 5G NR FR1 TDD; MAIA: Y; Frequency: 2593.0 MHz
Medium: 2450 Head; Medium parameters used:
f = 2593.0 MHz; cond = 1.94 S/m; perm = 40.7; density = 1000 kg/m3
Phantom Section: Flat; Space: 15.00 mm

Test Date: 06/28/2023; Ambient Temp: 20.5°C; Tissue Temp: 20.9°C

Probe: EX3DV4 - SN7713; ConvF:(8.03,8.03,8.03); Calibrated: 2023-01-11
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1530; Calibrated: 2023-01-18
Phantom: Twin-SAM V8.0; Serial: 2065
Measurement SW: DASY Module SAR V16.2.0.1425

Mode: NR Band n41, Antenna I, Body SAR, Back Side, Ch. 518598, 100 MHz Bandwidth, DFT-s-OFDM QPSK, 135 RB, 138 RB Offset

Area Scan (120.0 x 200.0): Measurement grid: dx=10.0 mm, dy=10.0 mm
Zoom Scan (30.0 x 30.0 x 30.0): Measurement grid: dx=5.0 mm, dy=5.0 mm, dz=1.5 mm; Graded Ratio: 1.5
Reference Value = 0.15 W/kg; Power Drift = 0.00 dB
Peak SAR (extrapolated) = 0.238 W/kg
SAR(1 g) = 0.125 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 = 80.5 %



ELEMENT

DUT: A3LSMF731JPN; Type: Portable Handset; Serial: 0881M

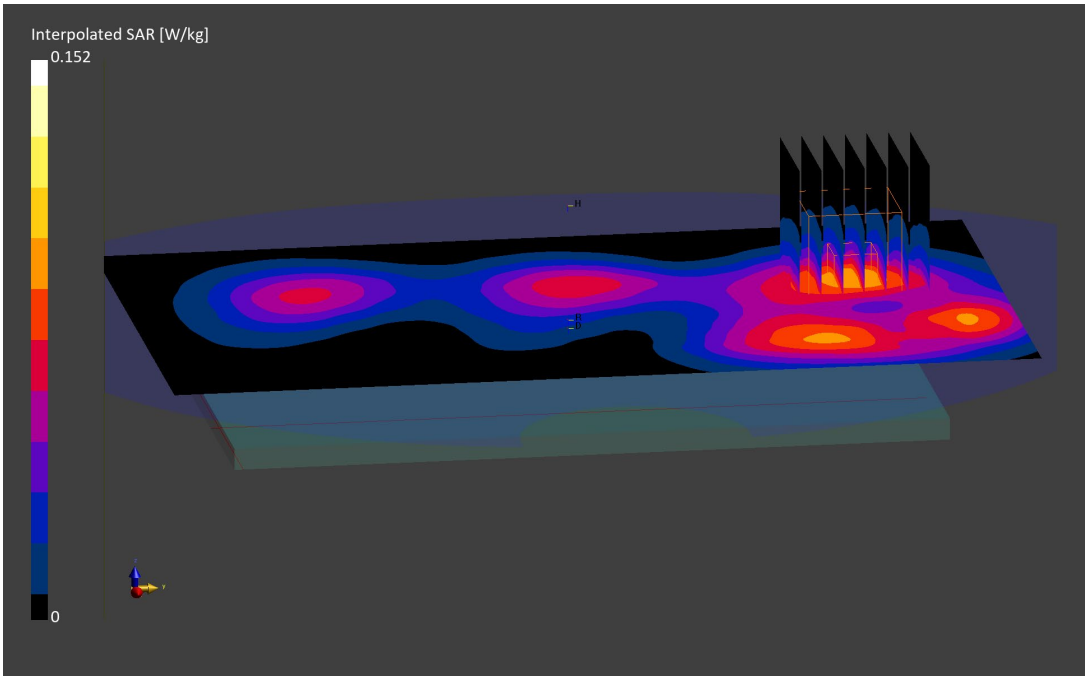
Communication System: UID:10415 - AAA, WLAN; MAIA: Y; Frequency: 2437.0 MHz
Medium: 2450 Head; Medium parameters used:
f = 2437.0 MHz; cond = 1.83 S/m; perm = 39.2; density = 1000 kg/m3
Phantom Section: Flat; Space: 15.00 mm

Test Date: 06/26/2023; Ambient Temp: 19.9°C; Tissue Temp: 20.4°C

Probe: EX3DV4 - SN7565; ConvF:(7.08,7.08,7.08); Calibrated: 2023-01-12
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1466; Calibrated: 2023-01-20
Phantom: Twin-SAM V5.0; Serial: 1868
Measurement SW: DASY Module SAR V16.2.0.1425

Mode: IEEE 802.11b, 22 MHz Bandwidth, MIMO
Body SAR, Open, Back Side, Ch. 6, 1 Mbps

Area Scan (120.0 x 200.0): Measurement grid: dx=10.0 mm, dy=10.0 mm
Zoom Scan (30.0 x 30.0 x 30.0): Measurement grid: dx=5.0 mm, dy=5.0 mm, dz=1.5 mm; Graded Ratio: 1.5
Reference Value = 0.08 W/kg; Power Drift = 0.04 dB
Peak SAR (extrapolated) = 0.152 W/kg
SAR(1 g) = 0.082 W/kg
Smallest distance from peaks to all points 3 dB below is 16.2 mm
Ratio of SAR at M2 to SAR at M1 = 81.3 %



ELEMENT

DUT: A3LSMF731JPN; Type: Portable Handset; Serial: 0881M

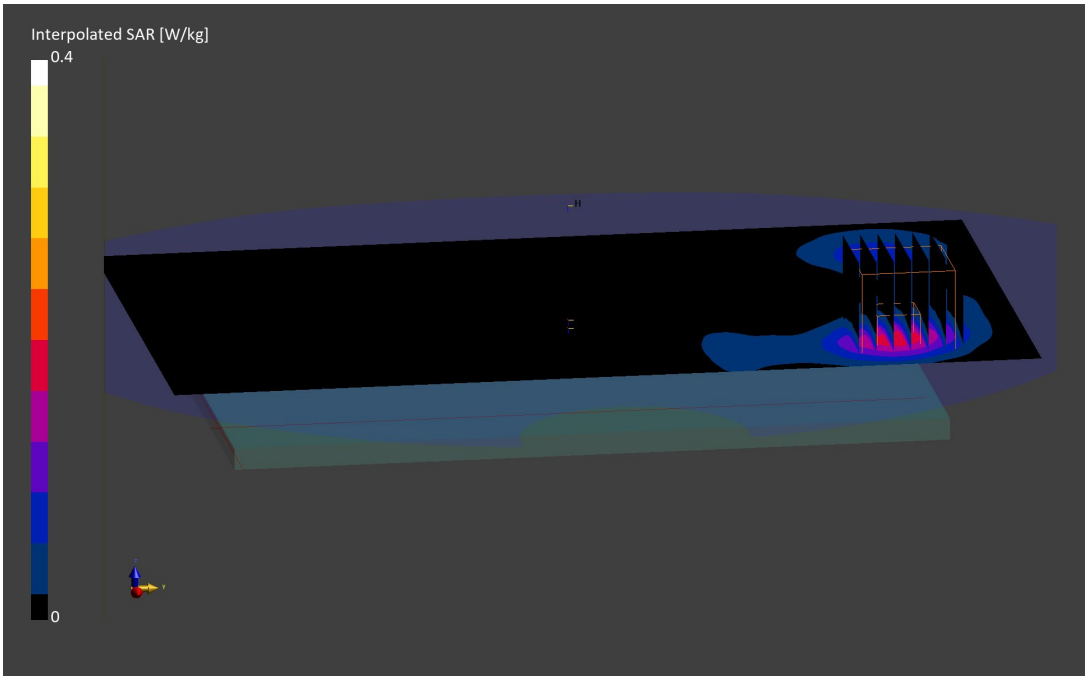
Communication System: UID:10196 - CAD, WLAN; MAIA: Y; Frequency: 5320.0 MHz
Medium: 5200-5800 Head; Medium parameters used:
f = 5320.0 MHz; cond = 4.71 S/m; perm = 34.9; density = 1000 kg/m3
Phantom Section: Flat; Space: 15.00 mm

Test Date: 06/28/2023; Ambient Temp:19.9°C; Tissue Temp: 20.3°C

Probe: EX3DV4 - SN7565; ConvF:(5.29,5.29,5.29); Calibrated: 2023-01-12
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1466; Calibrated: 2023-01-20
Phantom: Twin-SAM V5.0; Serial: 1868
Measurement SW: DASY Module SAR V16.2.0.1425

Mode: IEEE 802.11n, 20 MHz Bandwidth, UNII-2A, MIMO, Ch. 64
Body SAR, Open, Back Side, 13 Mbps

Area Scan (120.0 x 200.0): Measurement grid: dx=10.0 mm, dy=10.0 mm
Zoom Scan (22.0 x 22.0 x 22.0): Measurement grid: dx=4.0 mm, dy=4.0 mm, dz=1.4 mm; Graded Ratio: 1.4
Reference Value = 0.09 W/kg; Power Drift = -0.03 dB
Peak SAR (extrapolated) = 0.400 W/kg
SAR(1 g) = 0.126 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 = 67.7 %



ELEMENT

DUT: A3LSMF731JPN; Type: Portable Handset; Serial: 0880M

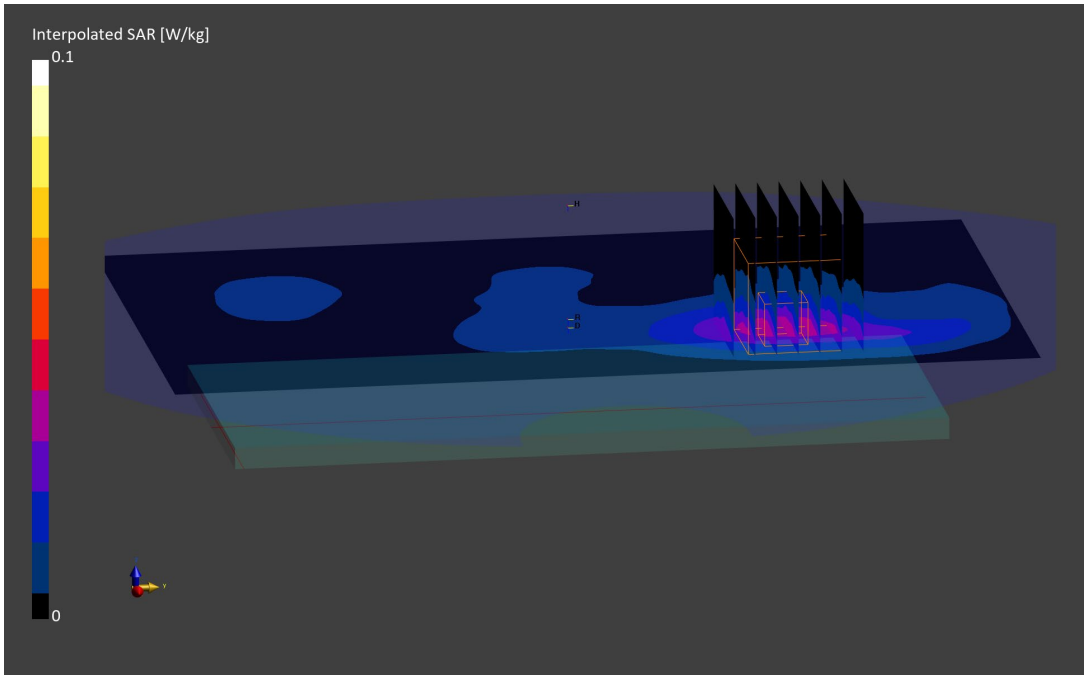
Communication System: UID:10032 - CAA, Bluetooth; MAIA: Y; Frequency: 2441.0 MHz
Medium: 2450 Head; Medium parameters used:
f = 2441.0 MHz; cond = 1.80 S/m; perm = 37.7; density = 1000 kg/m3
Phantom Section: Flat; Space: 15.00 mm

Test Date: 06/25/2023; Ambient Temp: 23.3°C; Tissue Temp: 21.5°C

Probe: EX3DV4 - SN7570; ConvF:(7.55,7.55,7.55); Calibrated: 2023-01-11
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1558; Calibrated: 2023-01-17
Phantom: Twin-SAM V8.0; Serial: 2060
Measurement SW: DASY Module SAR V16.2.0.1425

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

Area Scan (120.0 x 200.0): Measurement grid: dx=10.0 mm, dy=10.0 mm
Zoom Scan (30.0 x 30.0 x 30.0): Measurement grid: dx=5.0 mm, dy=5.0 mm, dz=1.5 mm; Graded Ratio: 1.5
Reference Value = 0.03 W/kg; Power Drift = 0.14 dB
Peak SAR (extrapolated) = 0.055 W/kg
SAR(1 g) = 0.031 W/kg
Smallest distance from peaks to all points 3 dB below is 22.9 mm
Ratio of SAR at M2 to SAR at M1 = 83.7 %



ELEMENT

DUT: A3LSMF731JPN; Type: Portable Handset; Serial: 0148M

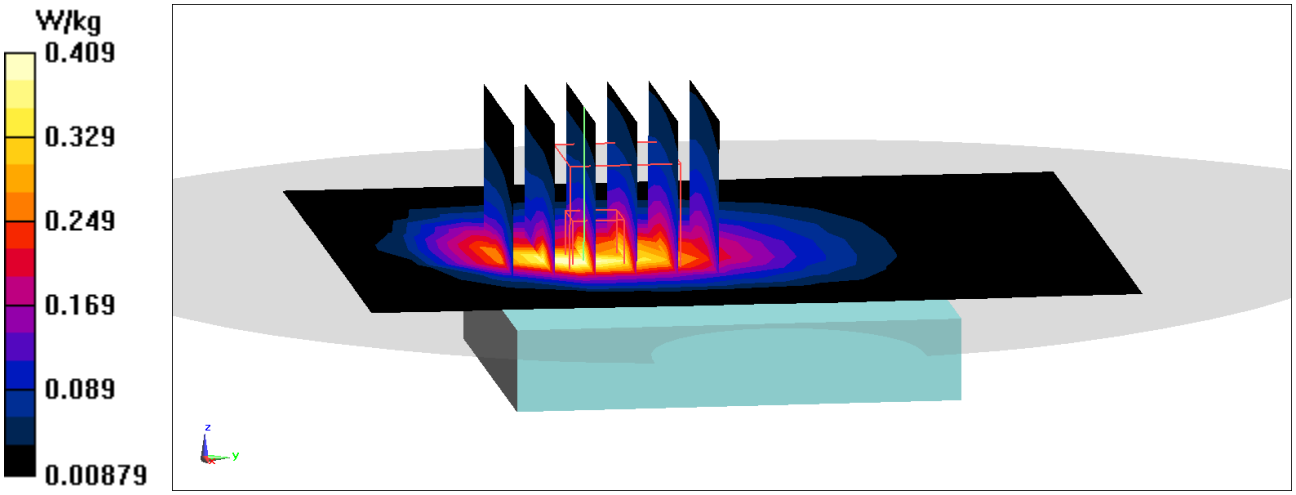
Communication System: UID 0, _GSM GPRS; 4 Tx slots; Frequency: 824.2 MHz; Duty Cycle: 1:2.076
Medium: 835 Head; Medium parameters used (interpolated):
f = 824.2 MHz; σ = 0.891 S/m; ε_r = 41.598; ρ = 1000 kg/m^3
Phantom section: Flat Section; Space: 0.5 cm

Test Date: 07/05/2023; Ambient Temp: 22.2°C; Tissue Temp: 21.3°C

Probe: EX3DV4 - SN7640; ConvF(10.56, 10.56, 10.56) @ 824.2 MHz; Calibrated: 2/10/2023
Sensor-Surface: 1.4mm (Mechanical Surface Detection)
Electronics: DAE4 Sn1645; Calibrated: 2/16/2023
Phantom: Twin-SAM V8.0; Type: QD 000 P41 AA; Serial: 1937
Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7501)

Mode: GPRS 850, Closed, Body SAR, Back side, Low.ch, 4 Tx Slots

Area Scan (9x11x1): Measurement grid: dx=15mm, dy=15mm
Zoom Scan 1 (6x6x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 18.51 V/m; Power Drift = -0.13 dB
Peak SAR (extrapolated) = 0.490 W/kg
SAR(1 g) = 0.275 W/kg
Smallest distance from peaks to all points 3 dB below = 13.6 mm
Ratio of SAR at M2 to SAR at M1 = 56%



ELEMENT

DUT: A3LSMF731JPN; Type: Portable Handset; Serial: 0122M

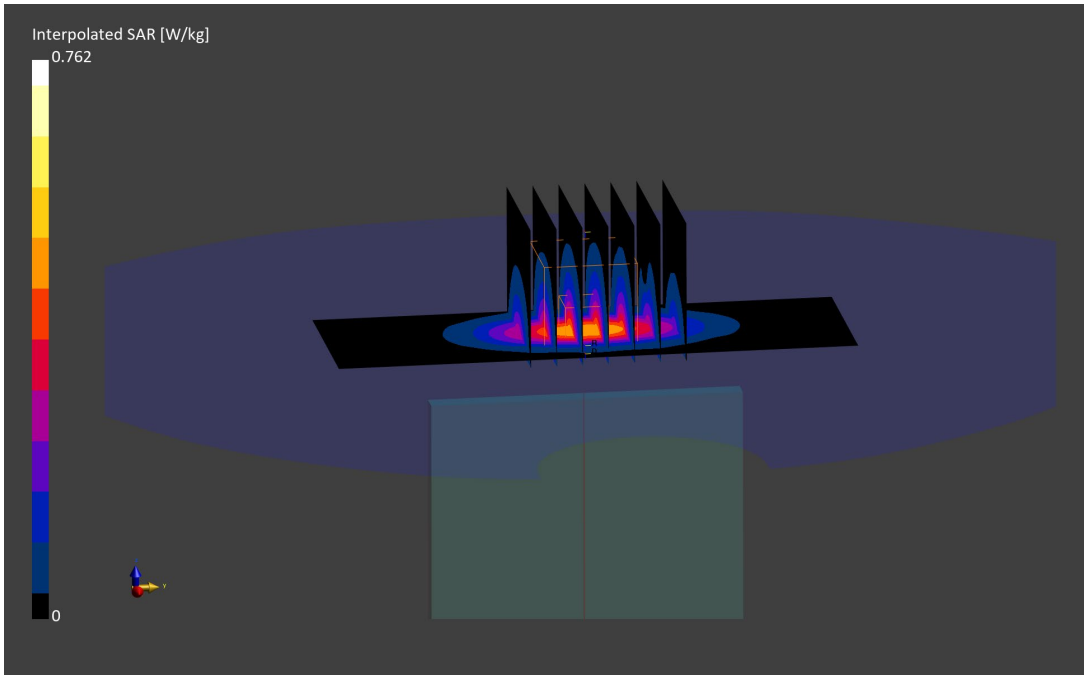
Communication System: UID:10028 - DAC, GSM; MAIA: Y; Frequency: 1880.0 MHz
Medium: 1900 Head; Medium parameters used:
f = 1880.0 MHz; cond = 1.37 S/m; perm = 38.8; density = 1000 kg/m3
Phantom Section: Flat; Space: 10.00 mm

Test Date: 06/21/2023; Ambient Temp: 22.9°C; Tissue Temp: 21.2°C

Probe: EX3DV4 - SN7410; ConvF:(8.04,8.04,8.04); Calibrated: 2022-07-19
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1583; Calibrated: 2022-07-18
Phantom: Twin-SAM V8.0; Serial: 1630
Measurement SW: DASY Module SAR V16.2.0.1425

Mode: GPRS 1900, Antenna A, Open, Body SAR, Bottom Edge, Mid Ch., 4 Tx Slots

Area Scan (40.0 x 120.0): Measurement grid: dx=5.0 mm, dy=15.0 mm
Zoom Scan (36.0 x 36.0 x 30.0): Measurement grid: dx=6.0 mm, dy=6.0 mm, dz=1.5 mm; Graded Ratio: 1.5
Reference Value = 0.37 W/kg; Power Drift = -0.03 dB
Peak SAR (extrapolated) = 0.762 W/kg
SAR(1 g) = 0.310 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 = 82.3 %



ELEMENT

DUT: A3LSMF731JPN; Type: Portable Handset; Serial: 0148M

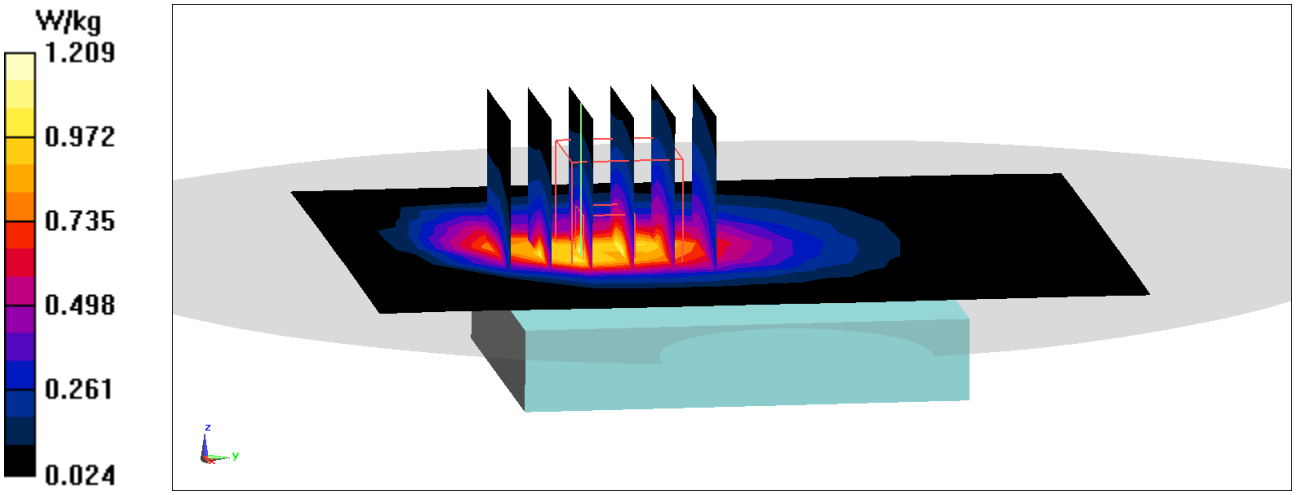
Communication System: UID 0, UMTS; Frequency: 846.6 MHz; Duty Cycle: 1:1
Medium: 835 Head; Medium parameters used (interpolated):
f = 846.6 MHz; σ = 0.882 S/m; ε_r = 40.785; ρ = 1000 kg/m^3
Phantom section: Flat Section; Space: 0.5 cm

Test Date: 06/30/2023; Ambient Temp: 22.5°C; Tissue Temp: 22.3°C

Probe: EX3DV4 - SN7640; ConvF(10.56, 10.56, 10.56) @ 846.6 MHz; Calibrated: 2/10/2023
Sensor-Surface: 1.4mm (Mechanical Surface Detection)
Electronics: DAE4 Sn1645; Calibrated: 2/16/2023
Phantom: Twin-SAM V8.0; Type: QD 000 P41 AA; Serial: 1937
Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7501)

Mode: UMTS 850, Closed, Body SAR, Back side, High.ch

Area Scan (9x11x1): Measurement grid: dx=15mm, dy=15mm
Zoom Scan 1 (5x6x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 32.00 V/m; Power Drift = 0.08 dB
Peak SAR (extrapolated) = 1.45 W/kg
SAR(1 g) = 0.813 W/kg
Smallest distance from peaks to all points 3 dB below = 13.7 mm
Ratio of SAR at M2 to SAR at M1 = 55.6%



ELEMENT

DUT: A3LSMF731JPN; Type: Portable Handset; Serial: 0143M

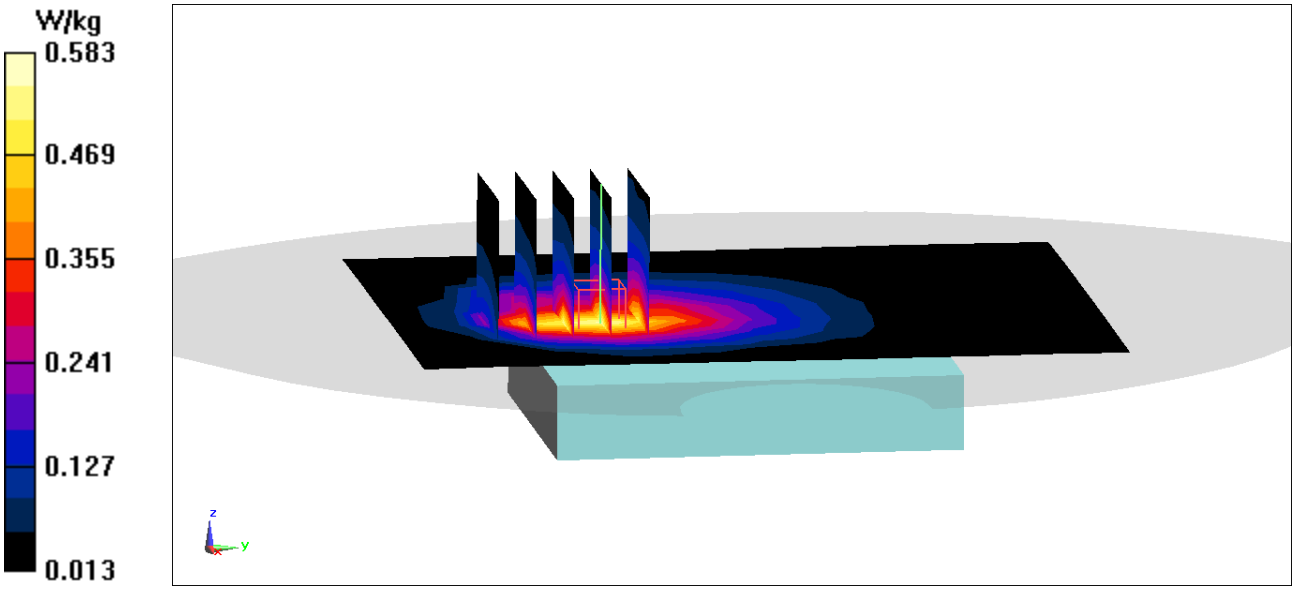
Communication System: UID 0, LTE Band 12; Frequency: 707.5 MHz; Duty Cycle: 1:1
Medium: 750 Head; Medium parameters used (interpolated):
f = 707.5 MHz; σ = 0.852 S/m; ε_r = 42.811; ρ = 1000 kg/m^3
Phantom section: Flat Section; Space: 0.5 cm

Test Date: 07/10/2023; Ambient Temp: 22.5°C; Tissue Temp: 21.5°C

Probe: EX3DV4 - SN7637; ConvF(10.29, 10.29, 10.29) @ 707.5 MHz; Calibrated: 3/16/2023
Sensor-Surface: 1.4mm (Mechanical Surface Detection)
Electronics: DAE4 Sn1652; Calibrated: 3/16/2023
Phantom: Twin-SAM V4.0; Type: QD 000 P40 CC; Serial: 1596
Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7501)

Mode: LTE Band 12, Closed, Body SAR, Back side, Mid.ch, 10 MHz Bandwidth, QPSK, 25 RB, 12 RB Offset

Area Scan (9x11x1): Measurement grid: dx=15mm, dy=15mm
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 22.14 V/m; Power Drift = -0.04 dB
Peak SAR (extrapolated) = 0.688 W/kg
SAR(1 g) = 0.402 W/kg
Smallest distance from peaks to all points 3 dB below = 14.3 mm
Ratio of SAR at M2 to SAR at M1 = 58.9%



ELEMENT

DUT: A3LSMF731JPN; Type: Portable Handset; Serial: 0143M

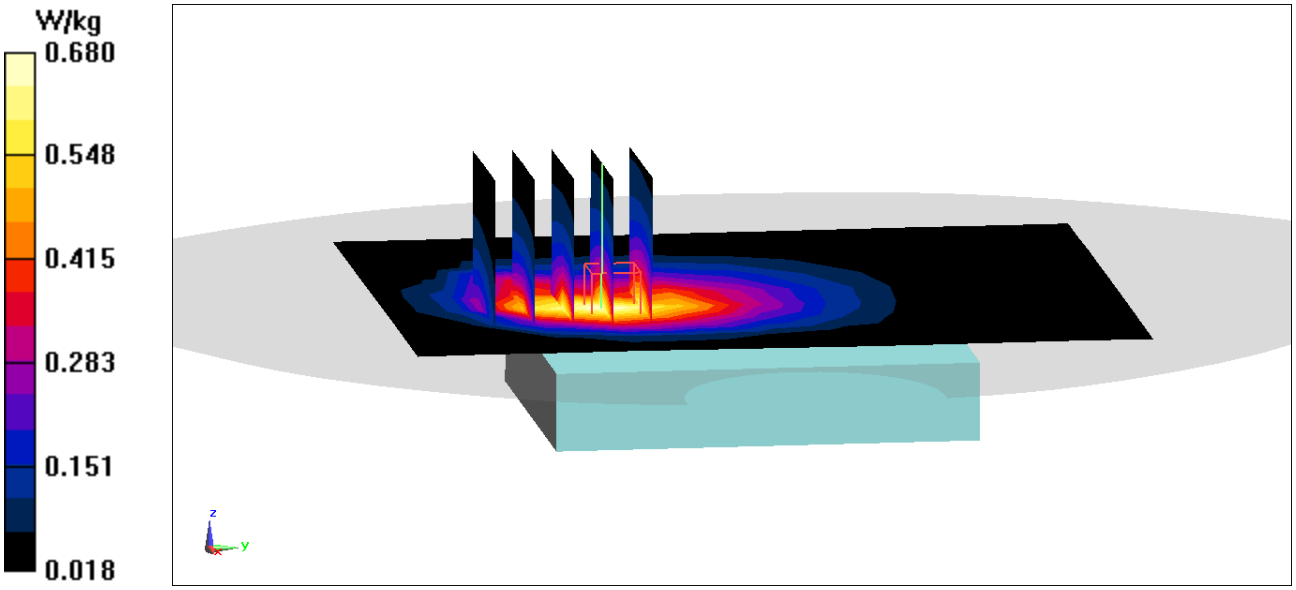
Communication System: UID 0, LTE Band 13; Frequency: 782 MHz; Duty Cycle: 1:1
Medium: 750 Head; Medium parameters used (interpolated):
f = 782 MHz; σ = 0.876 S/m; ε_r = 42.614; ρ = 1000 kg/m^3
Phantom section: Flat Section; Space: 0.5 cm

Test Date: 07/10/2023; Ambient Temp: 22.5°C; Tissue Temp: 21.5°C

Probe: EX3DV4 - SN7637; ConvF(10.29, 10.29, 10.29) @ 782 MHz; Calibrated: 3/16/2023
Sensor-Surface: 1.4mm (Mechanical Surface Detection)
Electronics: DAE4 Sn1652; Calibrated: 3/16/2023
Phantom: Twin-SAM V4.0; Type: QD 000 P40 CC; Serial: 1596
Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7501)

Mode: LTE Band 13, Closed, Body SAR, Back side, Mid.ch,
10 MHz Bandwidth, QPSK, 1 RB, 0 RB Offset

Area Scan (9x11x1): Measurement grid: dx=15mm, dy=15mm
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 23.70 V/m; Power Drift = -0.05 dB
Peak SAR (extrapolated) = 0.789 W/kg
SAR(1 g) = 0.489 W/kg
Smallest distance from peaks to all points 3 dB below = 15.8 mm
Ratio of SAR at M2 to SAR at M1 = 61.3%



ELEMENT

DUT: A3LSMF731JPN; Type: Portable Handset; Serial: 0148M

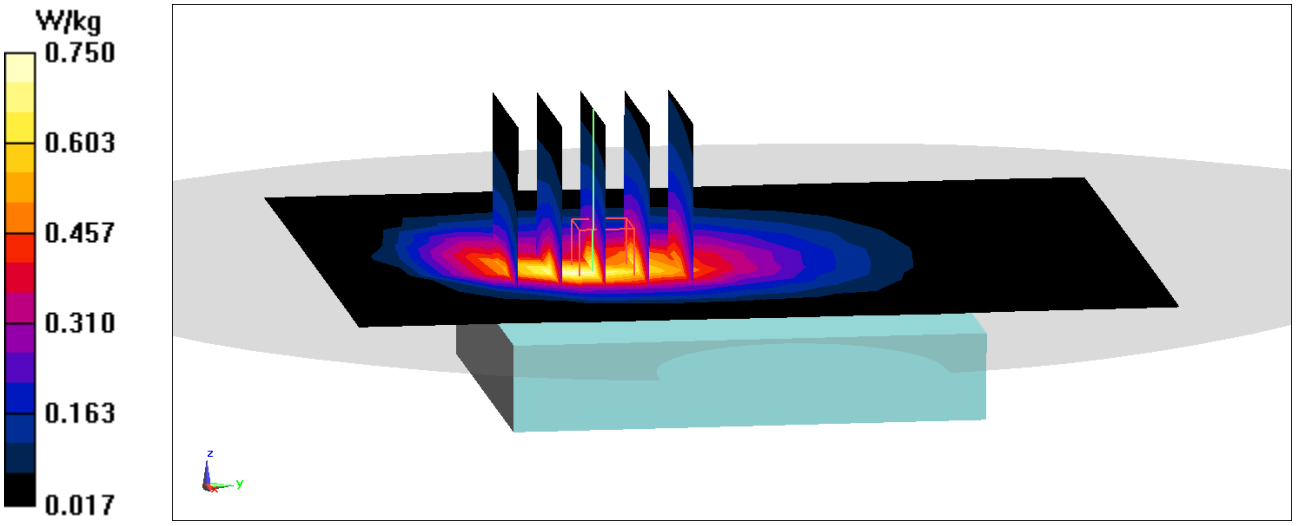
Communication System: UID 0, LTE Band 5; Frequency: 836.5 MHz; Duty Cycle: 1:1
Medium: 835 Head; Medium parameters used (interpolated):
f = 836.5 MHz; σ = 0.907 S/m; ε_r = 41.961; ρ = 1000 kg/m^3
Phantom section: Flat Section; Space: 0.5 cm

Test Date: 07/10/2023; Ambient Temp: 21.0°C; Tissue Temp: 21.5°C

Probe: EX3DV4 - SN7640; ConvF(10.56, 10.56, 10.56) @ 836.5 MHz; Calibrated: 2/10/2023
Sensor-Surface: 1.4mm (Mechanical Surface Detection)
Electronics: DAE4 Sn1645; Calibrated: 2/16/2023
Phantom: Twin-SAM V8.0; Type: QD 000 P41 AA; Serial: 1937
Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7501)

Mode: LTE Band 5 (Cell.), Closed, Body SAR, Back side, Mid.ch, 10 MHz Bandwidth, QPSK, 1 RB, 0 RB Offset

Area Scan (9x11x1): Measurement grid: dx=15mm, dy=15mm
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 24.69 V/m; Power Drift = -0.03 dB
Peak SAR (extrapolated) = 0.893 W/kg
SAR(1 g) = 0.503 W/kg
Smallest distance from peaks to all points 3 dB below = 13.7 mm
Ratio of SAR at M2 to SAR at M1 = 56.3%



ELEMENT

DUT: A3LSMF731JPN; Type: Portable Handset; Serial: 0194M

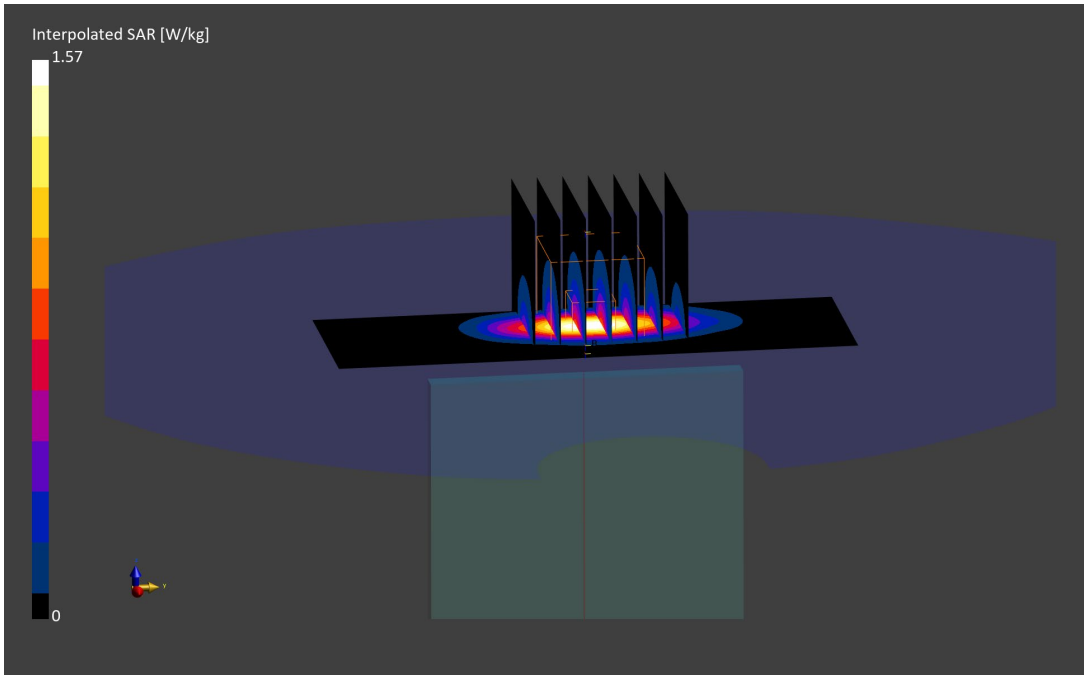
Communication System: UID:10297 - AAD, LTE-FDD; MAIA: Y; Frequency: 1770.0 MHz
Medium: 1750 Head; Medium parameters used:
f = 1770.0 MHz; cond = 1.38 S/m; perm = 39.0; density = 1000 kg/m3
Phantom Section: Flat; Space: 5.00 mm

Test Date: 06/26/2023; Ambient Temp: 21.4°C; Tissue Temp:20.1°C

Probe: EX3DV4 - SN7713; ConvF:(8.99,8.99,8.99); Calibrated: 2023-01-11
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1530; Calibrated: 2023-01-18
Phantom: Twin-SAM V8.0; Serial: 2065
Measurement SW: DASY Module SAR V16.2.0.1425

Mode: LTE Band 66, Antenna A, Closed, Body SAR, Bottom Edge, High Ch., 20 MHz Bandwidth, QPSK, 50 RB, 50 RB Offset

Area Scan (40.0 x 120.0): Measurement grid: dx=5.0 mm, dy=15.0 mm
Zoom Scan (30.0 x 30.0 x 30.0): Measurement grid: dx=5.9 mm, dy=5.9 mm, dz=1.5 mm; Graded Ratio: 1.5
Reference Value = 0.94 W/kg; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 1.57 W/kg
SAR(1 g) = 0.740 W/kg
Smallest distance from peaks to all points 3 dB below is 7.1 mm
Ratio of SAR at M2 to SAR at M1 = 79.0 %



ELEMENT

DUT: A3LSMF731JPN; Type: Portable Handset; Serial: 0122M

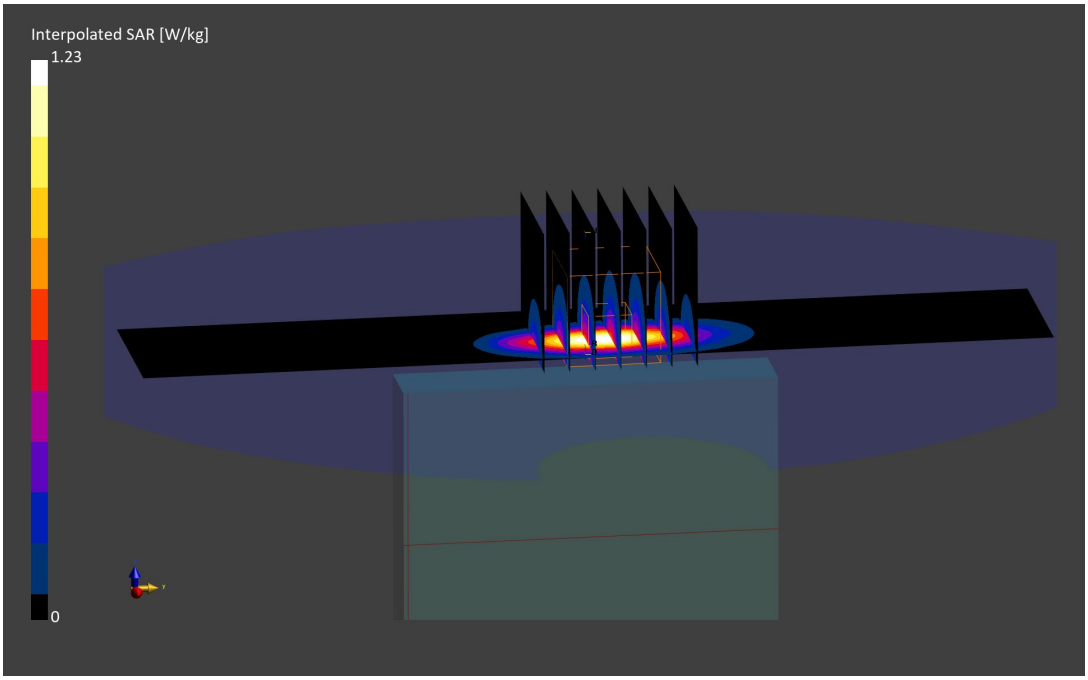
Communication System: UID:10297 - AAD, LTE-FDD; MAIA: Y; Frequency: 1900.0 MHz
Medium: 1900 Head; Medium parameters used:
f = 1900.0 MHz; cond = 1.46 S/m; perm = 39.6; density = 1000 kg/m3
Phantom Section: Flat; Space: 5.00 mm

Test Date: 07/05/2023; Ambient Temp:22.20C; Tissue Temp: 21.1°C

Probe: EX3DV4 - SN7713; ConvF:(8.68,8.68,8.68); Calibrated: 2023-01-11
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1530; Calibrated: 2023-01-18
Phantom: Twin-SAM V8.0; Serial: 2065
Measurement SW: DASY Module SAR V16.2.0.1425

Mode: LTE Band 2, Antenna I, Closed, Body SAR, Right Edge, High Ch., 20 MHz Bandwidth, QPSK, 50 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=5.9 mm, dy=5.9 mm, dz=1.5 mm; Graded Ratio: 1.5
Reference Value = 0.72 W/kg; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 1.23 W/kg
SAR(1 g) = 0.560 W/kg
Smallest distance from peaks to all points 3 dB below is 7.1 mm
Ratio of SAR at M2 to SAR at M1 = 77.4 %



ELEMENT

DUT: A3LSMF731JPN; Type: Portable Handset; Serial: 0153M

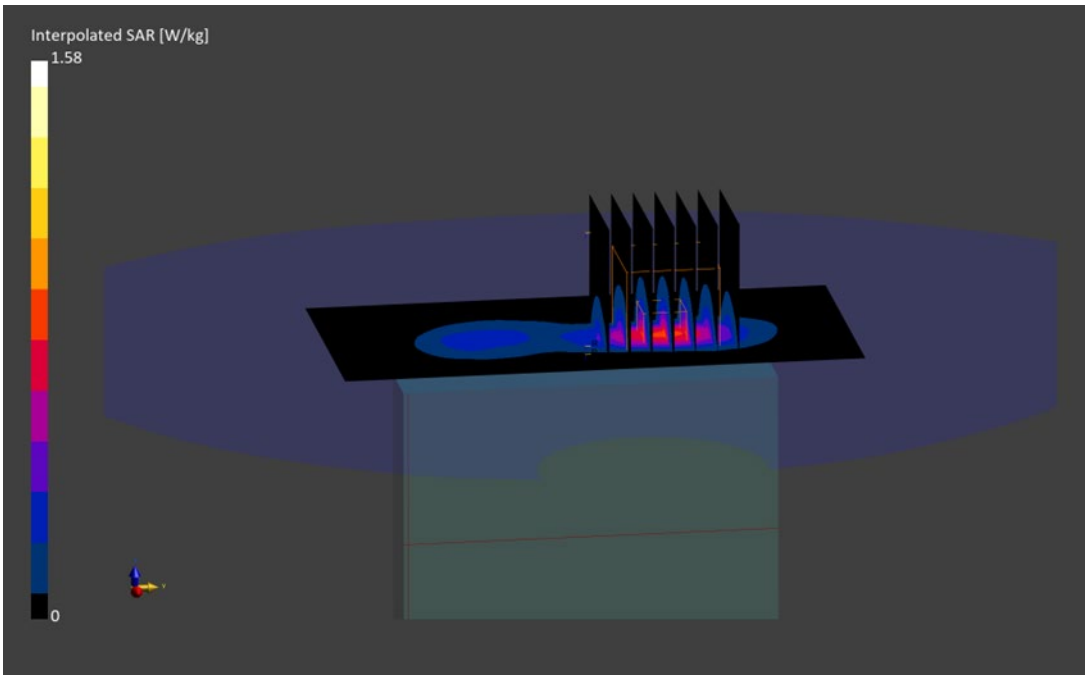
Communication System: UID:10494 - AAF, LTE-TDD; MAIA: Y; Frequency: 2636.5 MHz
Medium: 2450 Head; Medium parameters used:
f = 2636.5 MHz; cond = 1.92 S/m; perm = 40.4; density = 1000 kg/m3
Phantom Section: Flat; Space: 5.00 mm

Test Date: 07/12/2023; Ambient Temp: 20.2°C; Tissue Temp: 20.5°C

Probe: EX3DV4 - SN7547; ConvF:(6.92,6.92,6.92); Calibrated: 2022-10-19
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1322; Calibrated: 2022-10-17
Phantom: Twin-SAM V8.0; Serial: 1934
Measurement SW: DASY Module SAR V16.2.0.1425

Mode: LTE Band 41, Closed, Antenna I, Body SAR, Right Edge, Mid-High Ch., 20 MHz Bandwidth, QPSK, 50 RB, 25 RB Offset

Area Scan (60.0 x 120.0): 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 = 0.52 W/kg; Power Drift = 0.08 dB
Peak SAR (extrapolated) = 1.60 W/kg
SAR(1 g) = 0.689 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 = 77.5 %



ELEMENT

DUT: A3LSMF731JPN; Type: Portable Handset; Serial: 0146M

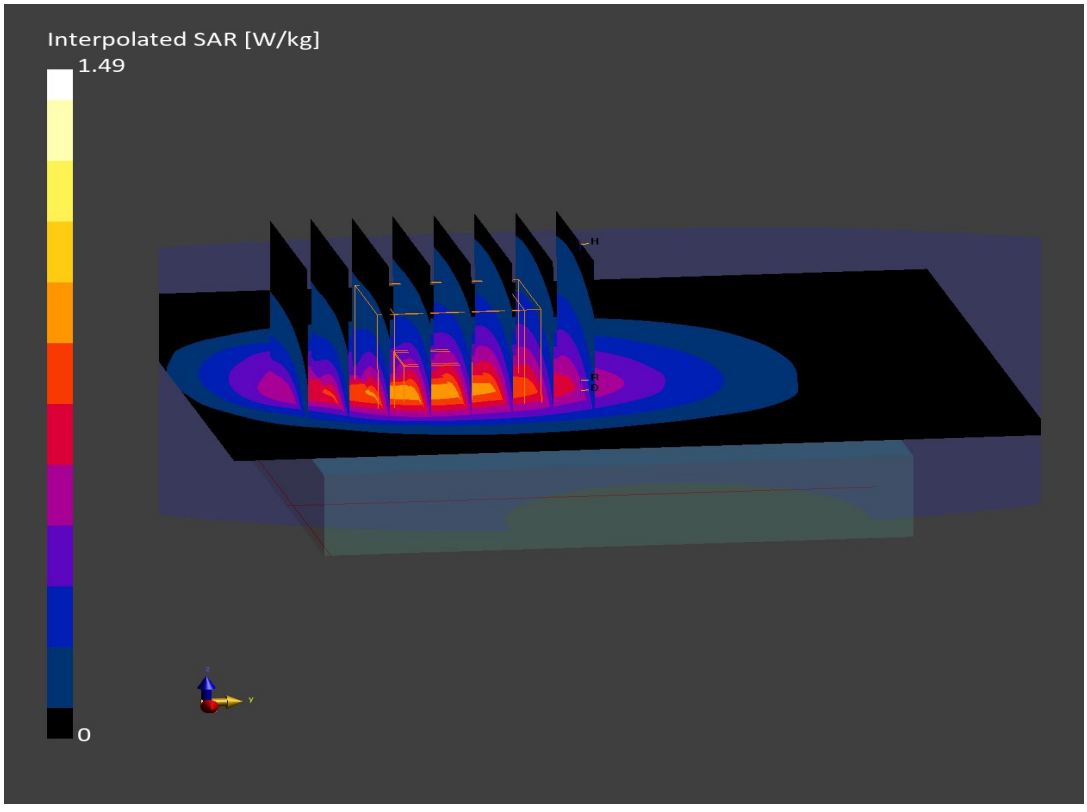
Communication System: UID:10931 - AAC, 5G NR FR1 FDD; MAIA: Y; Frequency: 836.5 MHz
Medium: 835 Head; Medium parameters used:
f = 836.5 MHz; cond = 0.893 S/m; perm = 42.9; density = 1000 kg/m3
Phantom Section: Flat; Space: 5.00 mm

Test Date: 07/03/2023; Ambient Temp: 21.8°C; Tissue Temp: 20.4°C

Probe: EX3DV4 - SN7713; ConvF:(10.17,10.17,10.17); Calibrated: 2023-01-11
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1530; Calibrated: 2023-01-18
Phantom: Twin-SAM V8.0; Serial: 2065
Measurement SW: DASY Module SAR V16.2.0.1425

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

Area Scan (120.0 x 120.0): Measurement grid: dx=15.0 mm, dy=15.0 mm
Zoom Scan (36.0 x 36.0 x 30.0): Measurement grid: dx=6.0 mm, dy=6.0 mm, dz=1.5 mm; Graded Ratio: 1.5
Reference Value = 0.97 W/kg; Power Drift = -0.10 dB
Peak SAR (extrapolated) = 1.49 W/kg
SAR(1 g) = 0.836 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 = 81.8 %



ELEMENT

DUT: A3LSMF731JPN; Type: Portable Handset; Serial: 0146M

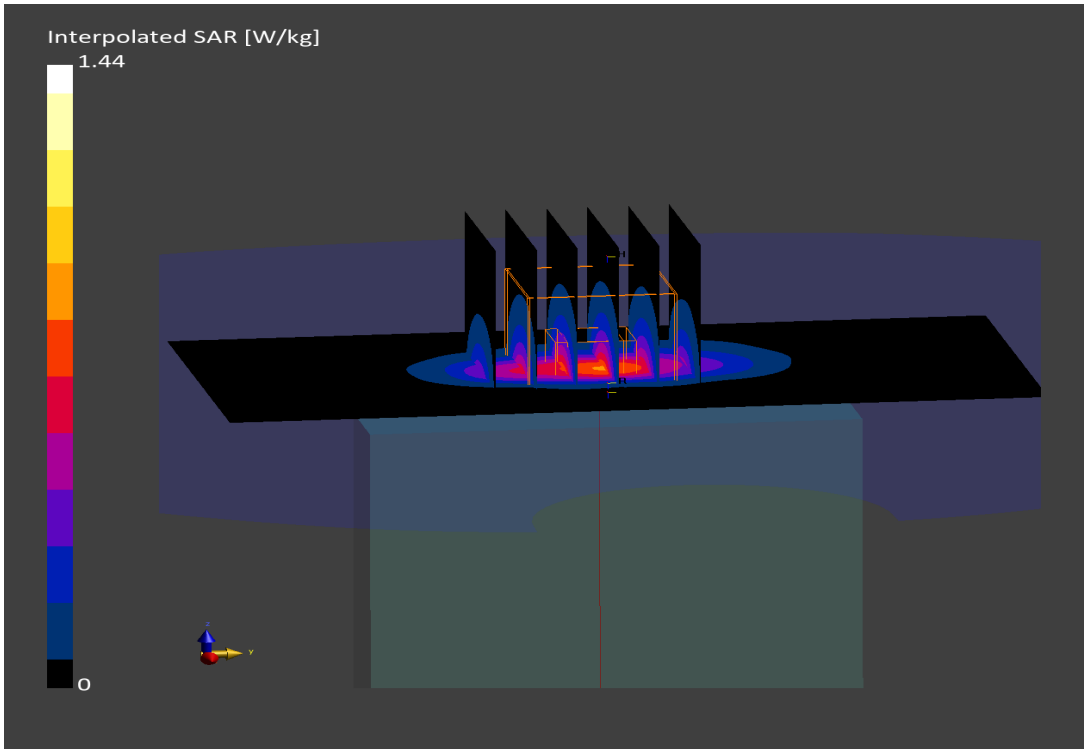
Communication System: UID:10942 - AAC, 5G NR FR1 FDD; MAIA: Y; Frequency: 1745.0 MHz
Medium: 1750 Head; Medium parameters used:
f = 1745.0 MHz; cond = 1.39 S/m; perm = 39.0; density = 1000 kg/m3
Phantom Section: Flat; Space: 5.00 mm

Test Date: 07/13/2023; Ambient Temp: 23.0°C; Tissue Temp: 23.0°C

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

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

Area Scan (60.0 x 120.0): 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 = 0.01 dB
Peak SAR (extrapolated) = 1.44 W/kg
SAR(1 g) = 0.696 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 = 79.2 %



ELEMENT

DUT: A3LSMF731JPN; Type: Portable Handset; Serial: 0140M

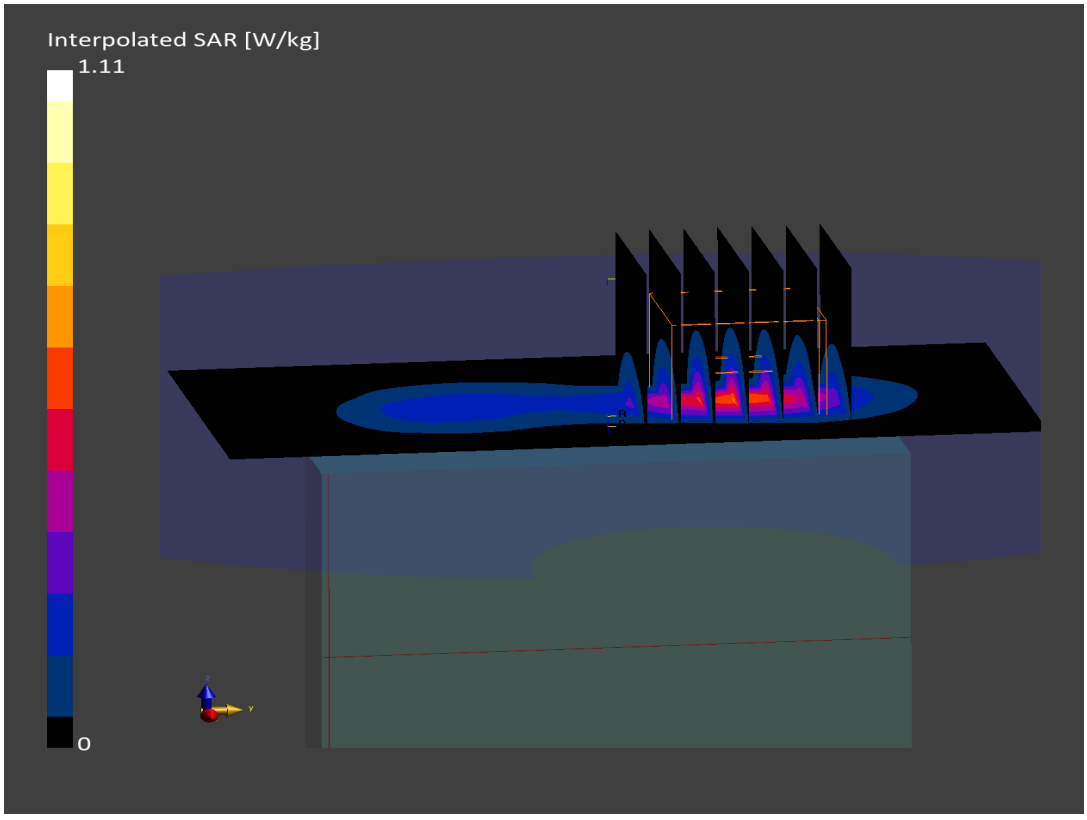
Communication System: UID:10917 - AAB, 5G NR FR1 TDD; MAIA: Y; Frequency: 2593.0 MHz
Medium: 2450 Head; Medium parameters used:
f = 2593.0 MHz; cond = 1.94 S/m; perm = 40.7; density = 1000 kg/m3
Phantom Section: Flat; Space: 5.00 mm

Test Date: 06/28/2023; Ambient Temp: 20.5°C; Tissue Temp: 20.9°C

Probe: EX3DV4 - SN7713; ConvF:(8.03,8.03,8.03); Calibrated: 2023-01-11
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1530; Calibrated: 2023-01-18
Phantom: Twin-SAM V8.0; Serial: 2065
Measurement SW: DASY Module SAR V16.2.0.1425

Mode: NR Band n41, Closed, Antenna I, Body SAR, Right Edge, Ch. 518598, 100 MHz Bandwidth, DFT-s-OFDM QPSK, 135 RB, 138 RB Offset

Area Scan (60.0 x 120.0): 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 = 0.05 dB
Peak SAR (extrapolated) = 1.11 W/kg
SAR(1 g) = 0.495 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 = 78.4 %



ELEMENT

DUT: A3LSMF731JPN; Type: Portable Handset; Serial: 0881M

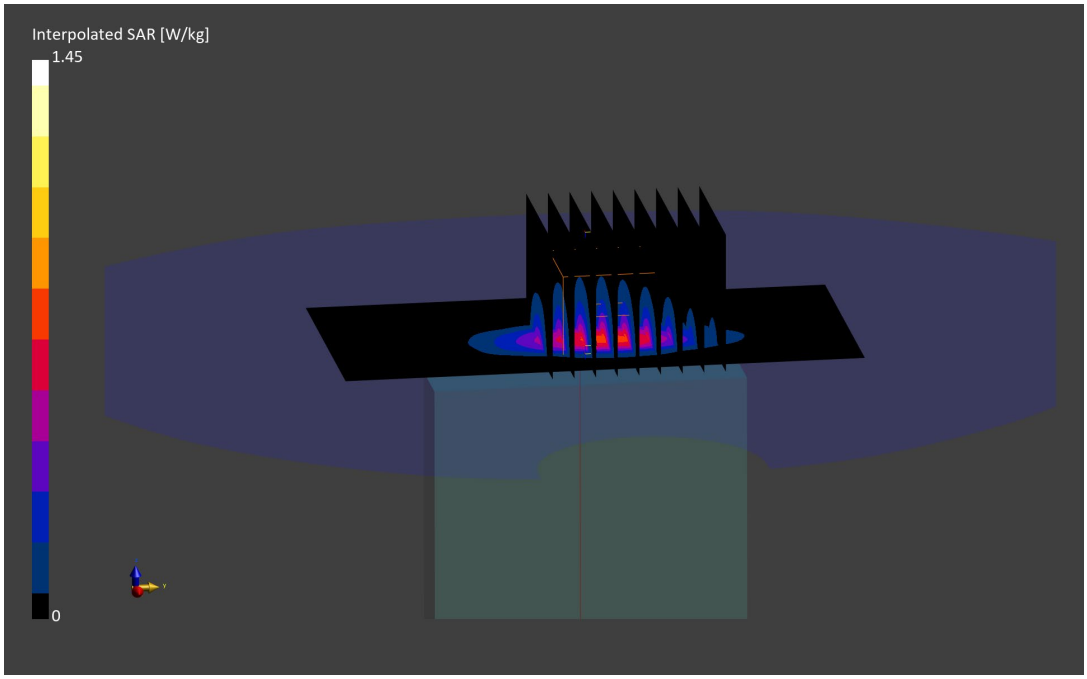
Communication System: UID:10415 - AAA, WLAN; MAIA: Y; Frequency: 2437.0 MHz
Medium: 2450 Head; Medium parameters used:
f = 2437.0 MHz; cond = 1.83 S/m; perm = 39.2; density = 1000 kg/m3
Phantom Section: Flat; Space: 5.00 mm

Test Date: 06/26/2023; Ambient Temp: 19.9°C; Tissue Temp: 20.4°C

Probe: EX3DV4 - SN7565; ConvF:(7.08,7.08,7.08); Calibrated: 2023-01-12
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1466; Calibrated: 2023-01-20
Phantom: Twin-SAM V5.0; Serial: 1868
Measurement SW: DASY Module SAR V16.2.0.1425

Mode: IEEE 802.11b, 22 MHz Bandwidth, MIMO
Body SAR, Closed, Bottom Edge, Ch. 6, 1 Mbps

Area Scan (60.0 x 120.0): 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 = 0.58 W/kg; Power Drift = 0.08 dB
Peak SAR (extrapolated) = 1.45 W/kg
SAR(1 g) = 0.630 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 = 74.8 %



ELEMENT

DUT: A3LSMF731JPN; Type: Portable Handset; Serial: 0880M

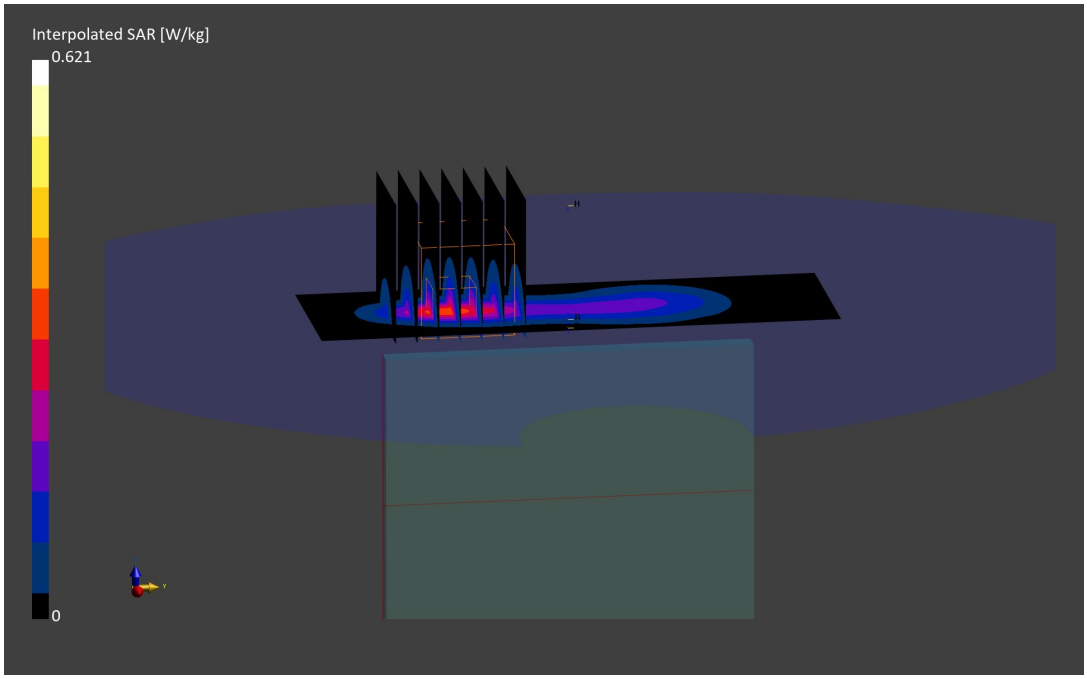
Communication System: UID:10032 - CAA, Bluetooth; MAIA: Y; Frequency: 2441.0 MHz
Medium: 2450 Head; Medium parameters used:
f = 2441.0 MHz; cond = 1.80 S/m; perm = 37.7; density = 1000 kg/m3
Phantom Section: Flat; Space: 5.00 mm

Test Date: 06/25/2023; Ambient Temp: 23.3°C; Tissue Temp: 21.5°C

Probe: EX3DV4 - SN7570; ConvF:(7.55,7.55,7.55); Calibrated: 2023-01-11
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1558; Calibrated: 2023-01-17
Phantom: Twin-SAM V8.0; Serial: 2060
Measurement SW: DASY Module SAR V16.2.0.1425

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

Area Scan (40.0 x 120.0): Measurement grid: dx=5.0 mm, dy=10.0 mm
Zoom Scan (30.0 x 30.0 x 30.0): Measurement grid: dx=5.0 mm, dy=5.0 mm, dz=1.5 mm; Graded Ratio: 1.5
Reference Value = 0.28 W/kg; Power Drift = 0.03 dB
Peak SAR (extrapolated) = 0.620 W/kg
SAR(1 g) = 0.253 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 = 75.3 %



ELEMENT

DUT: A3LSMF731JPN; Type: Portable Handset; Serial: 0194M

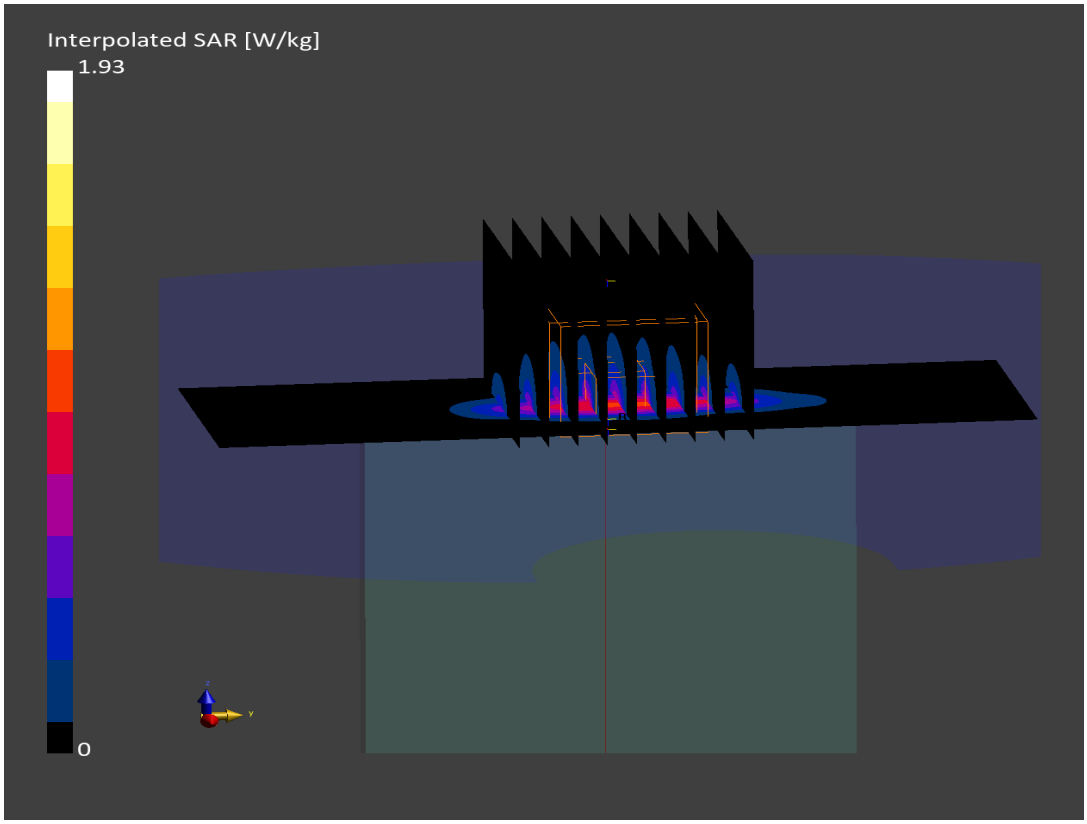
Communication System: UID:10028 - DAC, GSM; MAIA: Y; Frequency: 1880.0 MHz
Medium: 1900 Head; Medium parameters used:
f = 1880.0 MHz; cond = 1.37 S/m; perm = 38.8; density = 1000 kg/m3
Phantom Section: Flat; Space: 0.00 mm

Test Date: 06/21/2023; Ambient Temp: 22.9°C; Tissue Temp: 21.2°C

Probe: EX3DV4 - SN7410; ConvF:(8.04,8.04,8.04); Calibrated: 2022-07-19
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1583; Calibrated: 2022-07-18
Phantom: Twin-SAM V8.0; Serial: 1630
Measurement SW: DASY Module SAR V16.2.0.1425

Mode: GPRS 1900, Antenna A, Open, Phablet SAR, Bottom Edge, Mid Ch., 4 Tx Slots

Area Scan (40.0 x 120.0): Measurement grid: dx=5.0 mm, dy=15.0 mm
Zoom Scan (34.4 x 34.4 x 30.0): Measurement grid: dx=4.3 mm, dy=4.3 mm, dz=1.4 mm; Graded Ratio: 1.4
Reference Value = 0.82 W/kg; Power Drift = -0.06 dB
Peak SAR (extrapolated) = 1.93 W/kg
SAR(10 g) = 0.260 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 = 73.2 %



ELEMENT

DUT: A3LSMF731JPN; Type: Portable Handset; Serial: 0194M

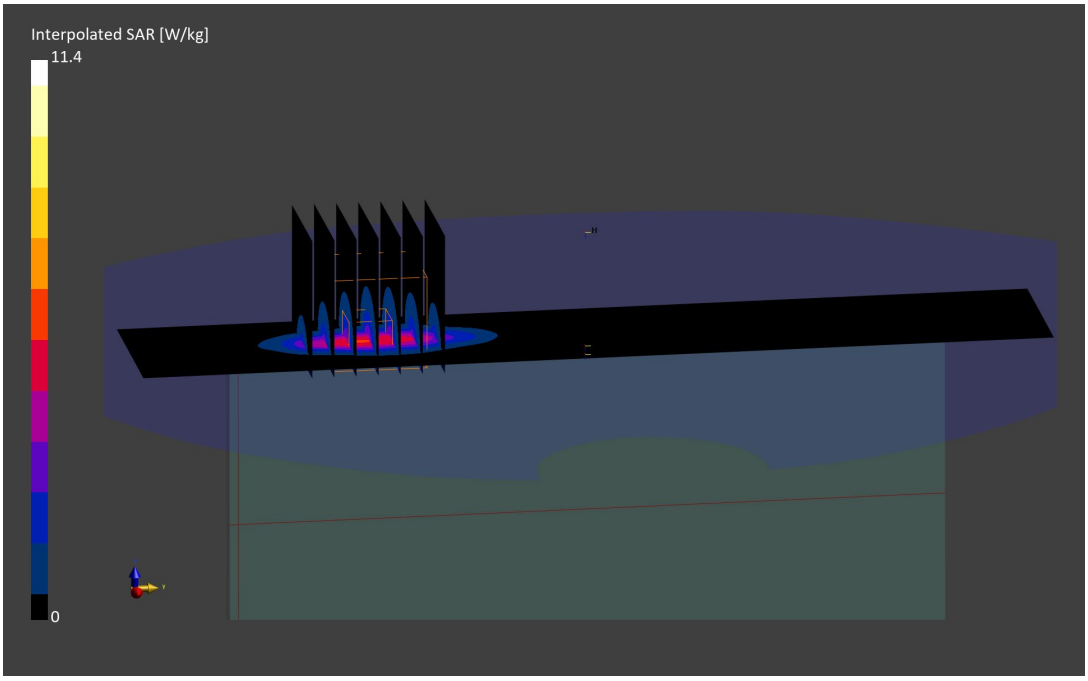
Communication System: UID:10100 - CAE, LTE-FDD; MAIA: Y; Frequency: 1720.0 MHz
Medium: 1750 Head; Medium parameters used:
f = 1720.0 MHz; cond = 1.35 S/m; perm = 38.9; density = 1000 kg/m3
Phantom Section: Flat; Space: 0.00 mm

Test Date: 07/10/2023; Ambient Temp: 21.0°C; Tissue Temp: 21.0°C

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

Mode: LTE Band 66, Antenna I, Phablet SAR, Right Edge, Mid Ch., 20 MHz Bandwidth, QPSK, 100 RB, 0 RB Offset

Area Scan (40.0 x 210.0): Measurement grid: dx=5.0 mm, dy=15.0 mm
Zoom Scan (30.0 x 30.0 x 30.0): Measurement grid: dx=5.1 mm, dy=5.1 mm, dz=1.5 mm; Graded Ratio: 1.5
Reference Value = 3.28 W/kg; Power Drift = 0.00 dB
Peak SAR (extrapolated) = 11.4 W/kg
SAR (10 g) = 1.77 W/kg
Smallest distance from peaks to all points 3 dB below is 6.2 mm
Ratio of SAR at M2 to SAR at M1 = 70.3 %



ELEMENT

DUT: A3LSMF731JPN; Type: Portable Handset; Serial:0122M

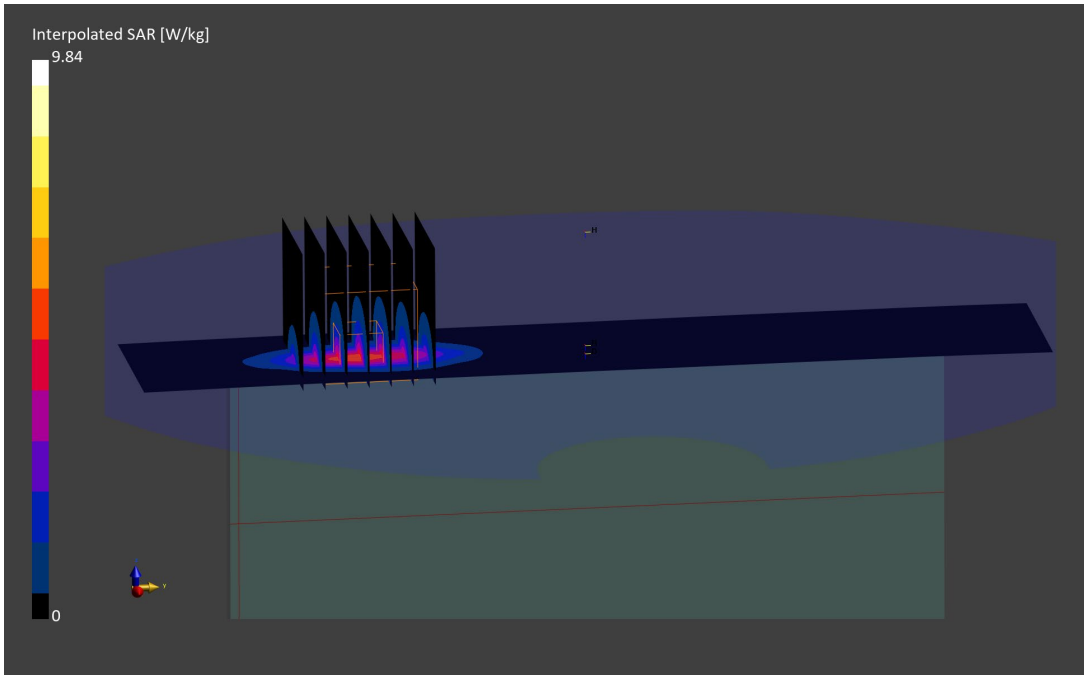
Communication System: UID:10297 - AAD, LTE-FDD; MAIA: Y; Frequency: 1880.0 MHz
Medium: 1900 Head; Medium parameters used:
f = 1880.0 MHz; cond = 1.38 S/m; perm = 38.4; density = 1000 kg/m3
Phantom Section: Flat; Space: 0.00 mm

Test Date: 07/17/2023; Ambient Temp: 22.2°C; Tissue Temp: 22.0°C

Probe: EX3DV4 - SN7551; ConvF:(8.23,8.23,8.23); Calibrated: 2022-11-11
Sensor-Surface: 1.4mm (All points)
Electronics: DAE4 Sn1323; Calibrated: 2022-11-10
Phantom: Twin-SAM V8.0; Serial: 2057
Measurement SW: DASY Module SAR V16.2.0.1425

Mode: LTE Band 2, Antenna I, Phablet SAR, Right Edge, Mid Ch., 20 MHz Bandwidth, QPSK, 50 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=5.1 mm, dy=5.1 mm, dz=1.5 mm; Graded Ratio: 1.5
Reference Value = 2.48 W/kg; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 9.84 W/kg
SAR(10 g) = 1.68 W/kg
Smallest distance from peaks to all points 3 dB below is 6.2 mm
Ratio of SAR at M2 to SAR at M1 = 74.1 %



ELEMENT

DUT: A3LSMF731JPN; Type: Portable Handset; Serial: 0153M

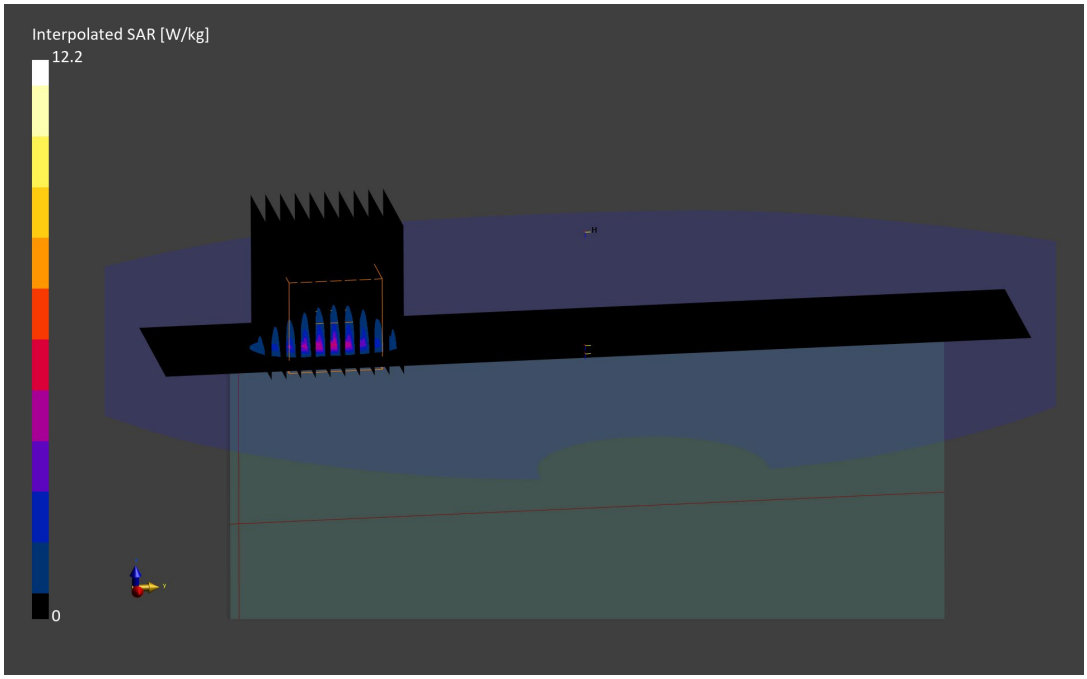
Communication System: UID:10435 - AAF, LTE-TDD; MAIA: Y; Frequency: 2680.0 MHz
Medium: 2450 Head; Medium parameters used:
f = 2680.0 MHz; cond = 1.96 S/m; perm = 40.5; density = 1000 kg/m3
Phantom Section: Flat; Space: 0.00 mm

Test Date: 07/14/2023; Ambient Temp: 19.8°C; Tissue Temp: 19.3°C

Probe: EX3DV4 - SN7547; ConvF:(6.92,6.92,6.92); Calibrated: 2022-10-19
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1322; Calibrated: 2022-10-17
Phantom: Twin-SAM V8.0; Serial: 1934
Measurement SW: DASY Module SAR V16.2.0.1425

Mode: LTE Band 41, ULCA, Antenna I, Phablet SAR, Right Edge, High Ch., QPSK, PCC: 20 MHz Bandwidth, Ch. 41490, 1 RB, 0 RB Offset SCC: 20 MHz Bandwidth, Ch. 41292, 1 RB, 99 RB Offset

Area Scan (40.0 x 200.0): Measurement grid: dx=5.0 mm, dy=10.0 mm
Zoom Scan (30.0 x 30.0 x 30.0): Measurement grid: dx=3.4 mm, dy=3.4 mm, dz=1.4 mm; Graded Ratio: 1.4
Reference Value = 3.73 W/kg; Power Drift = 0.05 dB
Peak SAR (extrapolated) = 12.2 W/kg
SAR(10 g) = 1.11 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 = 70.7 %



ELEMENT

DUT: A3LSMF731JPN; Type: Portable Handset; Serial: 0140M

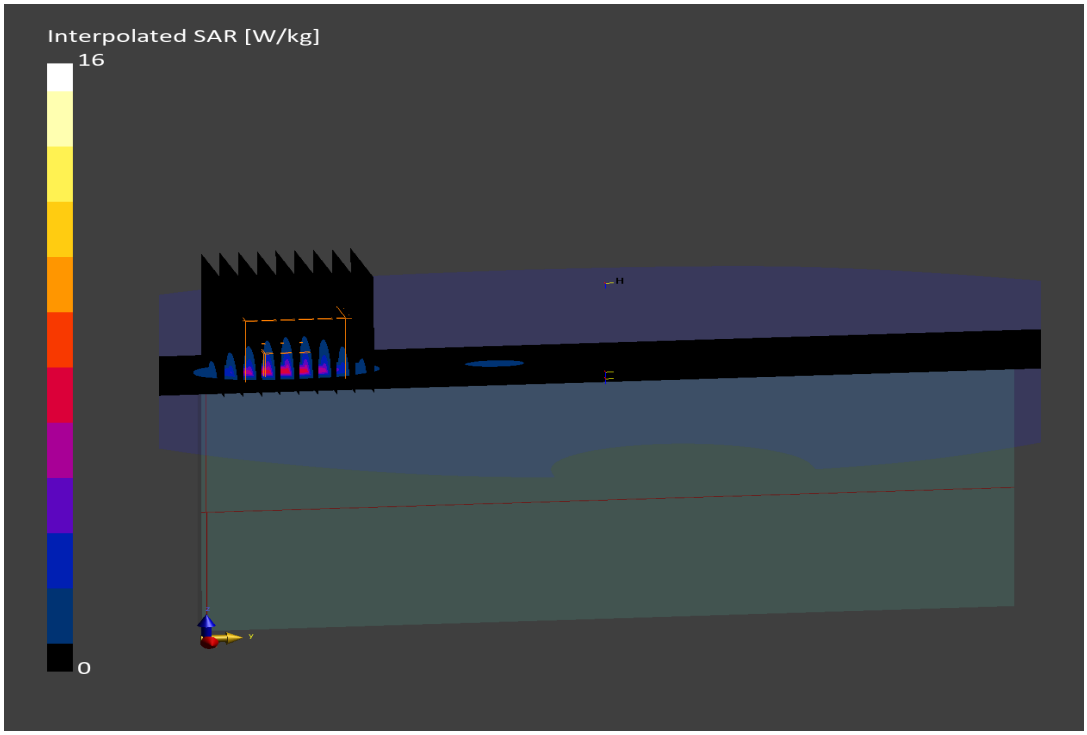
Communication System: UID:10868 - AAD, 5G NR FR1 TDD; MAIA: Y; Frequency: 2593.0 MHz
Medium: 2450 Head; Medium parameters used:
f = 2593.0 MHz; cond = 1.93 S/m; perm = 38.6; density = 1000 kg/m3
Phantom Section: Flat; Space: 0.00 mm

Test Date: 07/10/2023; Ambient Temp: 20.8°C; Tissue Temp: 21.8°C

Probe: EX3DV4 - SN7570; ConvF:(7.26,7.26,7.26); Calibrated: 2023-01-11
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1558; Calibrated: 2023-01-17
Phantom: Twin-SAM V8.0; Serial: 2060
Measurement SW: DASY Module SAR V16.2.0.1425

Mode: NR Band n41, Antenna I, Phablet SAR, Right Edge, Ch. 518598, 100 MHz Bandwidth, DFT-s-OFDM QPSK, 270 RB,0 RB Offset

Area Scan (40.0 x 200.0): Measurement grid: dx=5.0 mm, dy=10.0 mm
Zoom Scan (30.0 x 30.0 x 30.0): Measurement grid: dx=3.8 mm, dy=3.8 mm, dz=1.4 mm; Graded Ratio: 1.4
Reference Value = 0.47 W/kg; Power Drift = 0.08 dB
Peak SAR (extrapolated) = 16.0 W/kg
SAR(10 g) = 1.64 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 = 70.7 %



ELEMENT

DUT: A3LSMF731JPN; Type: Portable Handset; Serial: 0881M

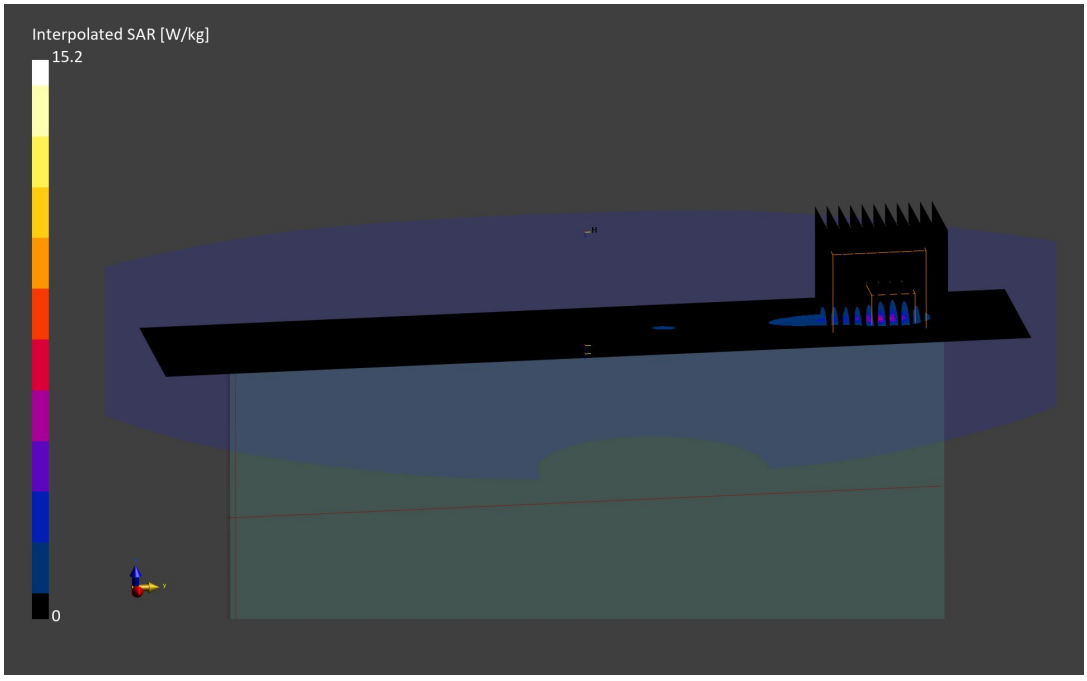
Communication System: UID:10196 - CAD, WLAN; MAIA: Y; Frequency: 5320.0 MHz
Medium: 5200-5800 Head; Medium parameters used:
f = 5320.0 MHz; cond = 4.75 S/m; perm = 35.1; density = 1000 kg/m3
Phantom Section: Flat; Space: 0.00 mm

Test Date: 07/03/2023; Ambient Temp: 19.5°C; Tissue Temp: 20.3°C

Probe: EX3DV4 - SN7565; ConvF:(5.29,5.29,5.29); Calibrated: 2023-01-12
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1466; Calibrated: 2023-01-20
Phantom: Twin-SAM V5.0; Serial: 1868
Measurement SW: DASY Module SAR V16.2.0.1425

Mode: IEEE 802.11n, 20 MHz Bandwidth, UNII-2A, MIMO
Ch. 64, Phablet SAR, Left Edge, 13 Mbps

Area Scan (40.0 x 200.0): Measurement grid: dx=5.0 mm, dy=10.0 mm
Zoom Scan (22.0 x 22.0 x 22.0): Measurement grid: dx=2.7 mm, dy=2.7 mm, dz=1.2 mm; Graded Ratio: 1.2
Reference Value = 2.16 W/kg; Power Drift = -0.04 dB
Peak SAR (extrapolated) = 15.2 W/kg
SAR(10 g) = 0.644 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 = 61.3 %



ELEMENT

DUT: A3LSMF731JPN; Type: Portable Handset; Serial: 0865M

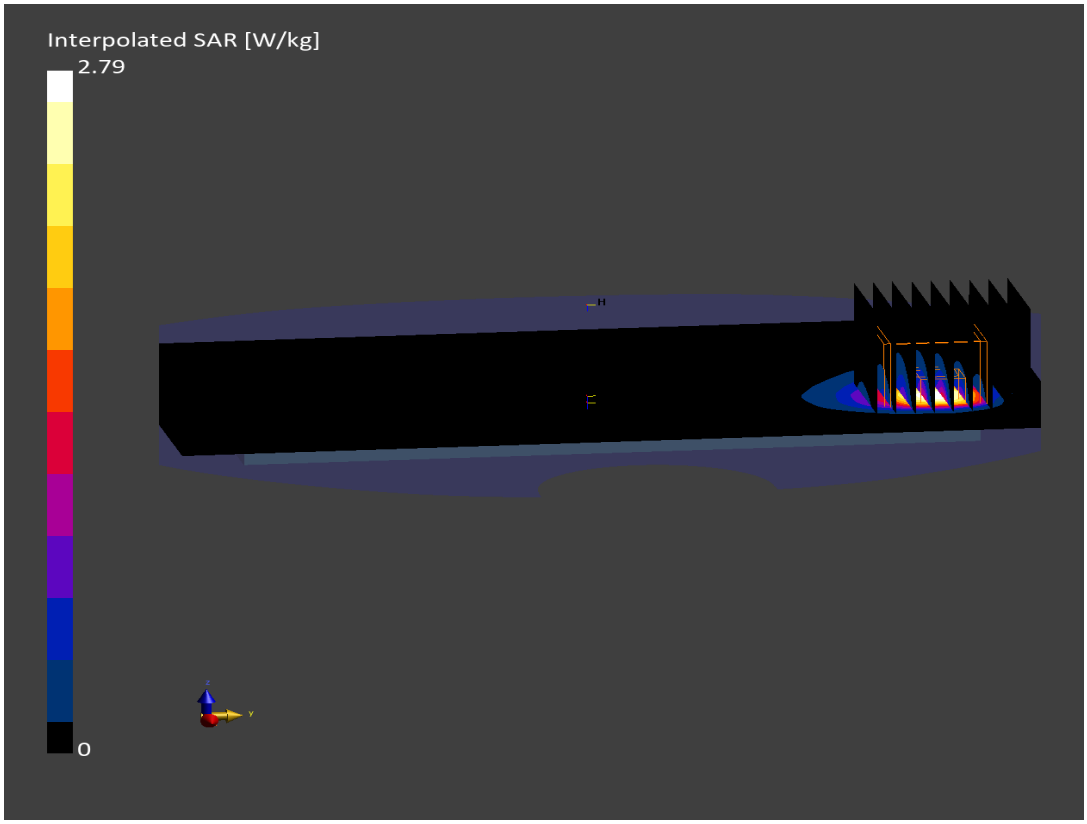
Communication System: UID:10032 - CAA, Bluetooth; MAIA: Y; Frequency: 2441.0 MHz
Medium: 2450 Head; Medium parameters used:
f = 2441.0 MHz; cond = 1.80 S/m; perm = 37.7; density = 1000 kg/m3
Phantom Section: Flat; Space: 0.00 mm

Test Date: 06/25/2023; Ambient Temp: 23.3°C; Tissue Temp: 21.5°C

Probe: EX3DV4 - SN7570; ConvF:(7.55,7.55,7.55); Calibrated: 2023-01-11
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1558; Calibrated: 2023-01-17
Phantom: Twin-SAM V8.0; Serial: 2060
Measurement SW: DASY Module SAR V16.2.0.1425

Mode: Bluetooth, Antenna 2, Body SAR, Ch. 39, 1Mbps, Front Side

Area Scan (120.0 x 200.0): Measurement grid: dx=10.0 mm, dy=10.0 mm
Zoom Scan (30.0 x 30.0 x 30.0): Measurement grid: dx=4.3 mm, dy=4.3 mm, dz=1.5 mm; Graded Ratio: 1.5
Reference Value = 1.10 W/kg; Power Drift = 0.06 dB
Peak SAR (extrapolated) = 2.79 W/kg
SAR(10 g) = 0.406 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 = 76.0 %



ELEMENT

DUT: A3LSMF731JPN; Type: Portable Handset; Serial: 0880M

Communication System: UID:0 - -, CW; MAIA: Y; Frequency: 13.6 MHz
Medium: 30 Head; Medium parameters used:
f = 13.6 MHz; cond = 0.717 S/m; perm = 52.8; density = 1000 kg/m3
Phantom Section: Flat; Space: 0.00 mm

Test Date: 07/06/2023; Ambient Temp: 22.6°C; Tissue Temp: 21.6°C

Probe: EX3DV4 - SN7417; ConvF:(18.67,18.67,18.67); Calibrated: 2023-02-08
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn665; Calibrated: 2023-02-15
Phantom: ELI V8.0 (20deg probe tilt); Serial: 2077
Measurement SW: DASY Module SAR V16.2.0.1425

Mode: NFC, Phablet SAR, Back Side

Area Scan (120.0 x 210.0): Measurement grid: dx=15.0 mm, dy=15.0 mm
Zoom Scan (36.0 x 36.0 x 30.0): Measurement grid: dx=6.0 mm, dy=6.0 mm, dz=1.5 mm; Graded Ratio: 1.5
Reference Value = 0.02 W/kg; Power Drift = 0.06 dB
Peak SAR (extrapolated) = 0.155 W/kg
SAR(10 g) = 0.009 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 = 46.9 %