APPENDIX A: SAR TEST PLOTS

ELEMENT

DUT: A3LSMS928B; Type: Portable Handset; Serial: 0738M

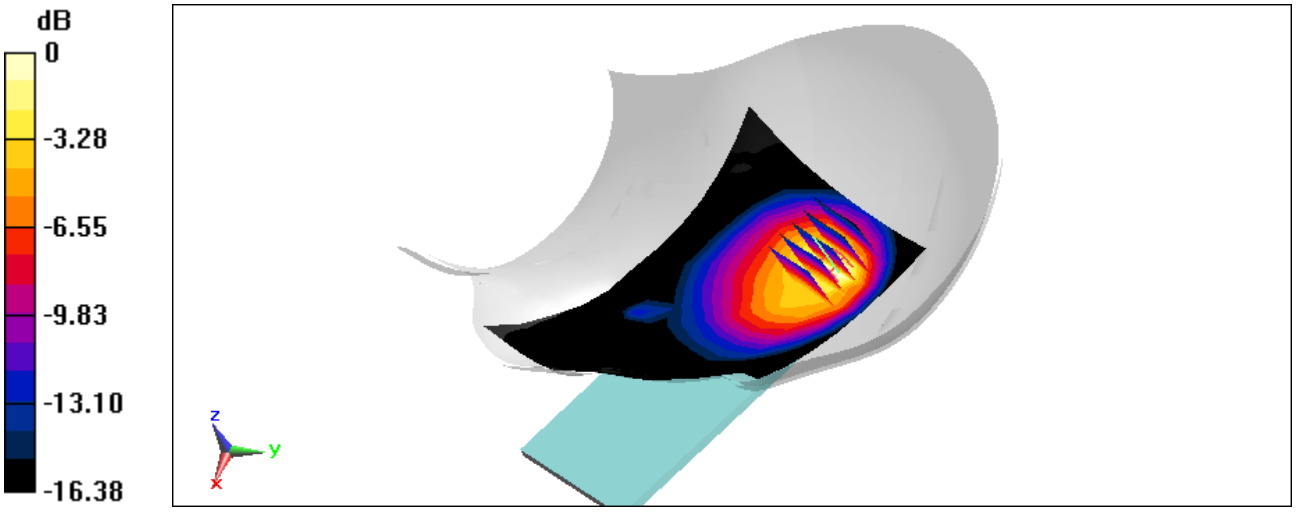
Communication System: UID 0, GSM; Frequency: 824.2 MHz; Duty Cycle: 1:8.3
Medium: 835 Head; Medium parameters used (interpolated):
f = 824.2 MHz; σ = 0.889 S/m; ε_r = 42.127; ρ = 1000 kg/m^3
Phantom section: Left Section

Test Date: 09/18/2023; Ambient Temp: 22.6°C; Tissue Temp: 23.1°C

Probe: EX3DV4 - SN7637; ConvF(10.23, 10.23, 10.23) @ 824.2 MHz; Calibrated: 3/16/2023
Sensor-Surface: 1.4mm (Mechanical Surface Detection)
Electronics: DAE4 Sn1652; Calibrated: 3/16/2023
Phantom: Twin-SAM V4.0; Type: QD 000 P40 CC; Serial: 1596
Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7501)

Mode: GSM 850, Antenna 6, Left Head, Cheek, Low.ch

Area Scan (9x13x1): Measurement grid: dx=15mm, dy=15mm
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 22.48 V/m; Power Drift = 0.07 dB
Peak SAR (extrapolated) = 1.01 W/kg
SAR(1 g) = 0.418 W/kg
Smallest distance from peaks to all points 3 dB below = 8.1 mm
Ratio of SAR at M2 to SAR at M1 = 39.5%



0 dB = 0.787 W/kg = -1.04 dBW/kg

ELEMENT

DUT: A3LSMS928B; Type: Portable Handset; Serial: 0738M

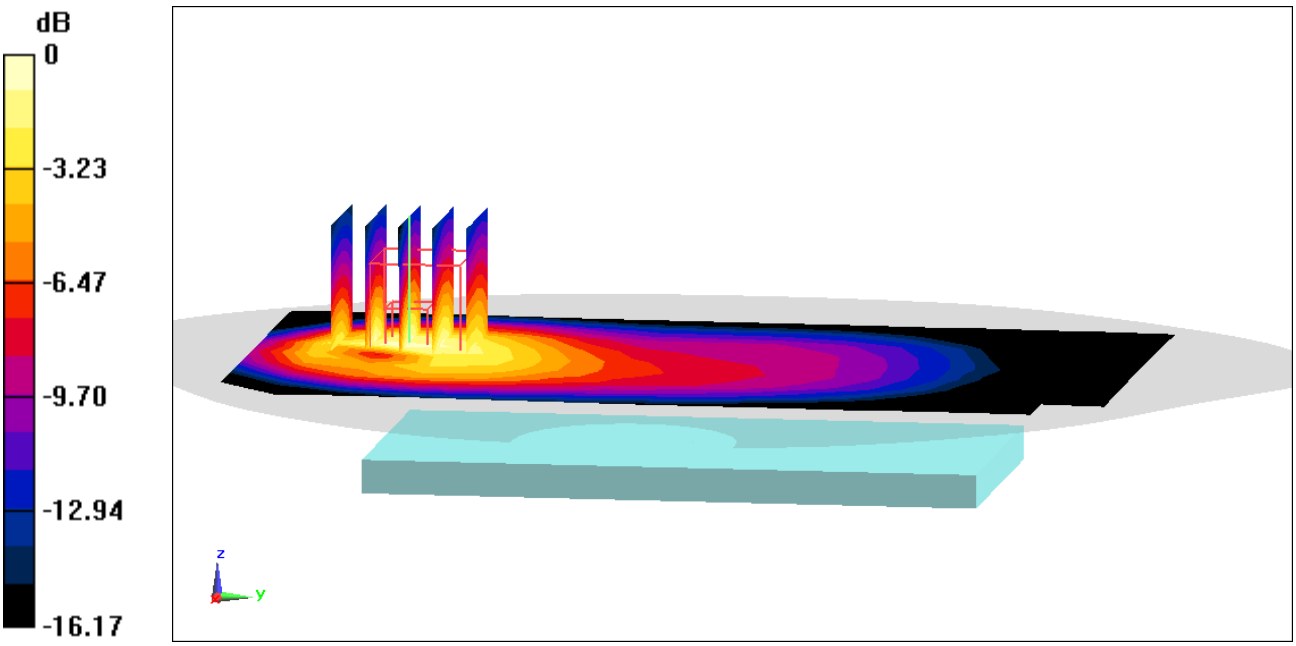
Communication System: UID 0, GSM; Frequency: 836.6 MHz; Duty Cycle: 1:8.3
Medium: 835 Head; Medium parameters used (interpolated):
f = 836.6 MHz; σ = 0.879 S/m; ε_r = 41.592; ρ = 1000 kg/m^3
Phantom section: Flat Section; Space: 1.0 cm

Test Date: 09/06/2023; Ambient Temp: 22.2°C; Tissue Temp: 21.1°C

Probe: EX3DV4 - SN7637; ConvF(10.23, 10.23, 10.23) @ 836.6 MHz; Calibrated: 3/16/2023
Sensor-Surface: 1.4mm (Mechanical Surface Detection)
Electronics: DAE4 Sn1652; Calibrated: 3/16/2023
Phantom: Twin-SAM V4.0; Type: QD 000 P40 CC; Serial: 1596
Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7501)

Mode: GSM 850, Antenna 0, Body SAR, Back side, Mid.ch

Area Scan (9x15x1): Measurement grid: dx=15mm, dy=15mm
Zoom Scan 1 (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 18.37 V/m; Power Drift = -0.02 dB
Peak SAR (extrapolated) = 0.456 W/kg
SAR(1 g) = 0.263 W/kg
Smallest distance from peaks to all points 3 dB below = 11.3 mm
Ratio of SAR at M2 to SAR at M1 = 57.4%



0 dB = 0.389 W/kg = -4.10 dBW/kg

ELEMENT

DUT: A3LSMS928B; Type: Portable Handset; Serial: 0738M

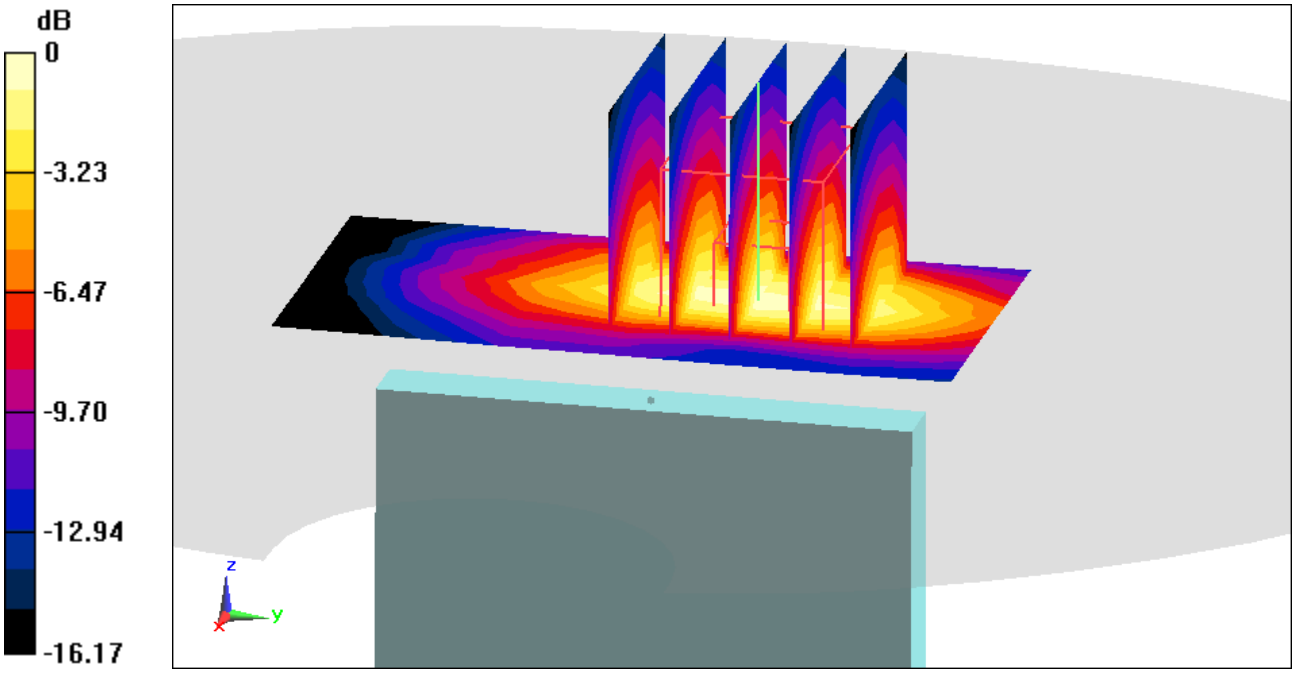
Communication System: UID 0, GSM GPRS; 2 Tx slots; Frequency: 836.6 MHz; Duty Cycle: 1:4.15
Medium: 835 Head; Medium parameters used (interpolated):
f = 836.6 MHz; σ = 0.905 S/m; ε_r = 41.971; ρ = 1000 kg/m^3
Phantom section: Flat Section; Space: 1.0 cm

Test Date: 09/11/2023; Ambient Temp: 21.8°C; Tissue Temp: 21.4°C

Probe: EX3DV4 - SN7637; ConvF(10.23, 10.23, 10.23) @ 836.6 MHz; Calibrated: 3/16/2023
Sensor-Surface: 1.4mm (Mechanical Surface Detection)
Electronics: DAE4 Sn1652; Calibrated: 3/16/2023
Phantom: Twin-SAM V4.0; Type: QD 000 P40 CC; Serial: 1596
Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7501)

Mode: GPRS 850, Antenna 6, Body SAR, Top Edge, Mid.ch, 2 Tx Slots

Area Scan (10x7x1): Measurement grid: dx=5mm, dy=15mm
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 23.40 V/m; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 0.830 W/kg
SAR(1 g) = 0.448 W/kg
Smallest distance from peaks to all points 3 dB below = 9.6 mm
Ratio of SAR at M2 to SAR at M1 = 55.4%



0 dB = 0.678 W/kg = -1.69 dBW/kg

ELEMENT

DUT: A3LSMS928B; Type: Portable Handset; Serial: 0733M

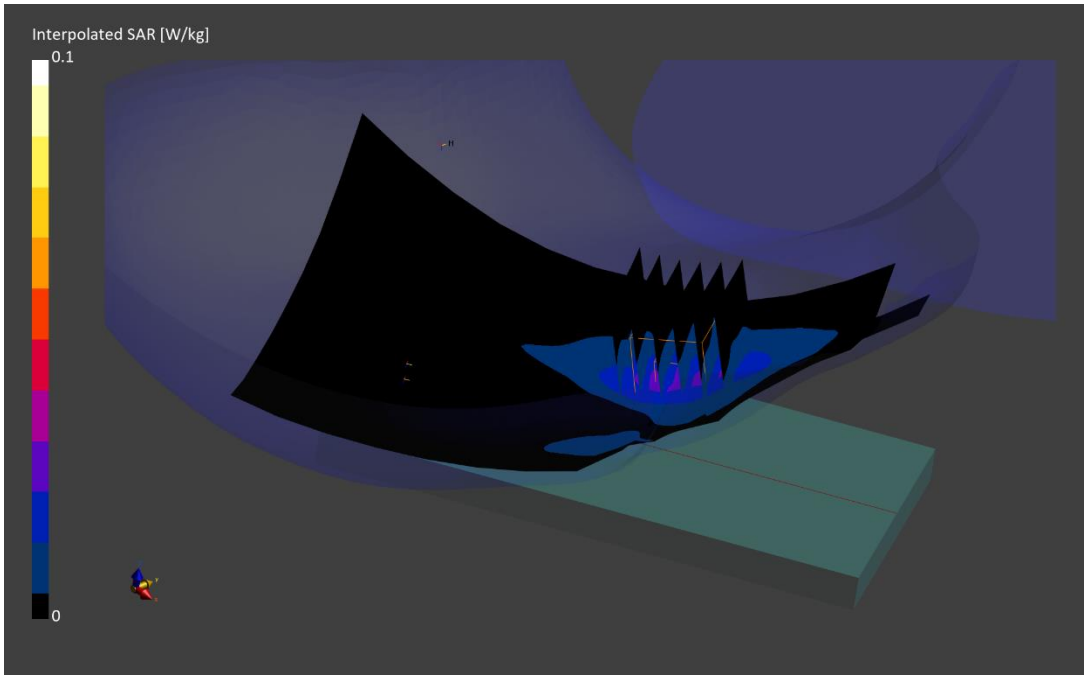
Communication System: UID:10021 - DAC, GSM; MAIA: Y; Frequency: 1880.0 MHz
Medium: 1900 Head; Medium parameters used:
f = 1880.0 MHz; cond = 1.42 S/m; perm = 40.3; density = 1000 kg/m3
Phantom Section: RightHead; Space: 0.00 mm

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

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

Mode: GSM 1900, Antenna 0, Exp: Head| Right Cheek, Ch. Mid

Area Scan (120.0 x 210.0): Measurement grid: dx=15.0 mm, dy=15.0 mm
Zoom Scan (30.0 x 30.0 x 30.0): Measurement grid: dx=6.0 mm, dy=6.0 mm, dz=1.5 mm; Graded Ratio: 1.5
Reference Value = 0.03 W/kg; Power Drift = 0.03 dB
Peak SAR (extrapolated) = 0.039 W/kg
SAR(1 g) = 0.026 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 = 90.4 %



ELEMENT

DUT: A3LSMS928B; Type: Portable Handset; Serial: 0732M

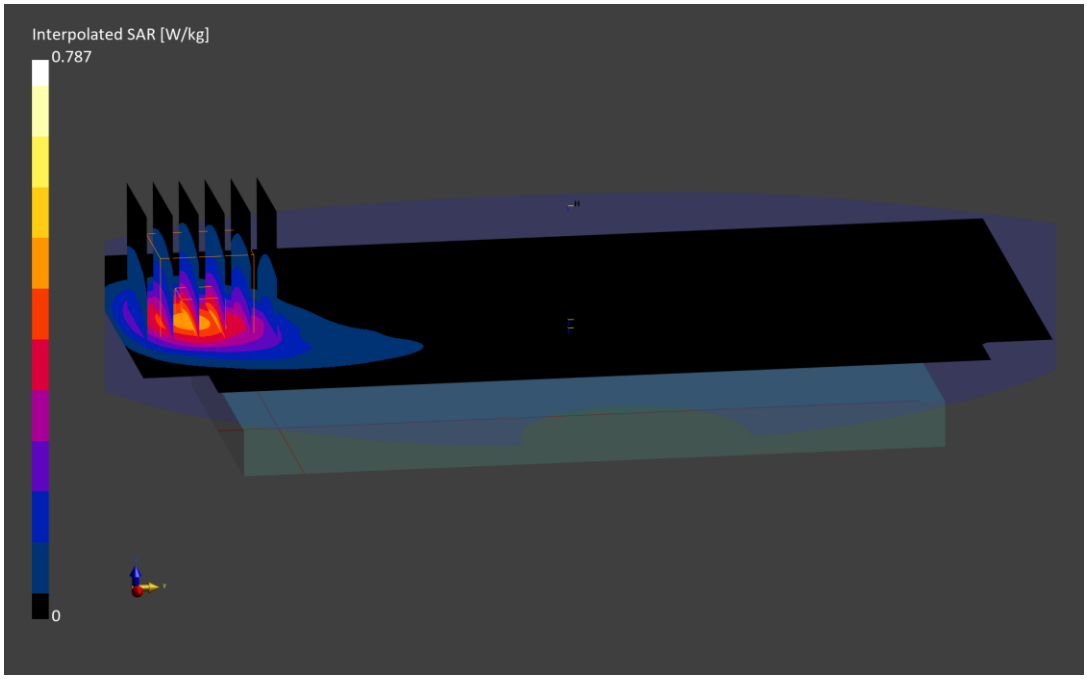
Communication System: UID:10021 - DAC, GSM; MAIA: Y; Frequency: 1909.8 MHz
Medium: 1900 Head; Medium parameters used:
f = 1909.8 MHz; cond = 1.38 S/m; perm = 39.1; density = 1000 kg/m3
Phantom Section: Flat; Space: 10.00 mm

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

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

Mode: GSM 1900, Antenna 0, Exp: Body-worn| Back Side, Ch. High

Area Scan (120.0 x 210.0): Measurement grid: dx=15.0 mm, dy=15.0 mm
Zoom Scan (30.0 x 30.0 x 30.0): Measurement grid: dx=6.0 mm, dy=6.0 mm, dz=1.5 mm; Graded Ratio: 1.5
Reference Value = 0.62 W/kg; Power Drift = 0.00 dB
Peak SAR (extrapolated) = 0.787 W/kg
SAR(1 g) = 0.457 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 = 85.0 %



ELEMENT

DUT: A3LSMS928B; Type: Portable Handset; Serial: 0732M

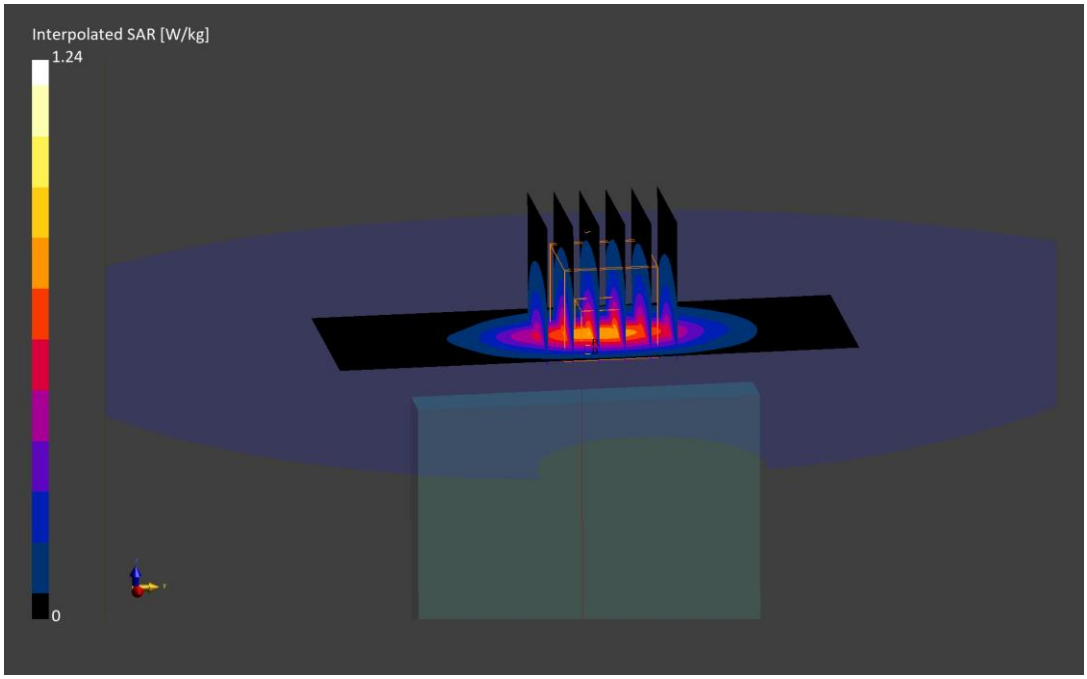
Communication System: UID:10028 - DAC, GSM; MAIA: Y; Frequency: 1909.8 MHz
Medium: 1900 Head; Medium parameters used:
f = 1909.8 MHz; cond = 1.38 S/m; perm = 39.1; density = 1000 kg/m3
Phantom Section: Flat; Space: 10.00 mm

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

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

Mode: GPRS 1900, Antenna 0, Exp: Hotspot| Bottom Edge, Ch. High, 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 = 0.95 W/kg; Power Drift = -0.04 dB
Peak SAR (extrapolated) = 1.24 W/kg
SAR(1 g) = 0.693 W/kg;
Smallest distance from peaks to all points 3 dB below is 10.8 mm
Ratio of SAR at M2 to SAR at M1 = 82.9 %



ELEMENT

DUT: A3LSMS928B; Type: Portable Handset; Serial: 0738M

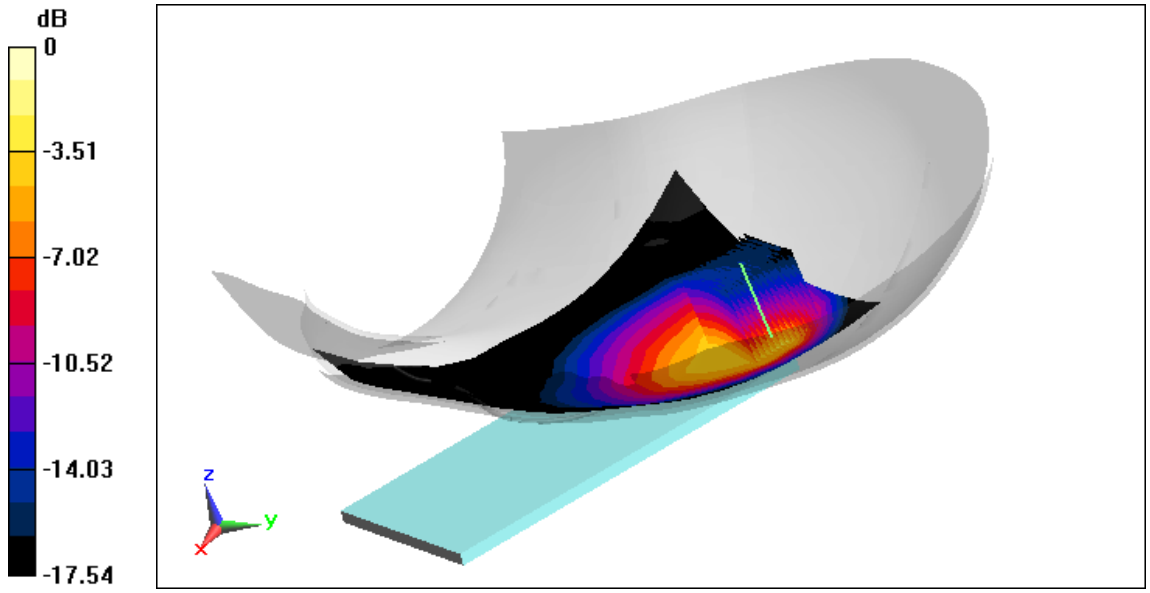
Communication System: UID 0, UMTS; Frequency: 826.4 MHz; Duty Cycle: 1:1
Medium: 835 Head; Medium parameters used (interpolated):
f = 826.4 MHz; σ = 0.882 S/m; ε_r = 40.3; ρ = 1000 kg/m^3
Phantom section: Left Section

Test Date: 10/02/2023; Ambient Temp: 22.8°C; Tissue Temp: 21.8°C

Probe: EX3DV4 - SN7637; ConvF(10.23, 10.23, 10.23) @ 826.4 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: UMTS 850, Antenna 6, Left Head, Cheek, Low.ch

Area Scan (9x13x1): Measurement grid: dx=15mm, dy=15mm
Zoom Scan (14x14x8)/Cube 0: Measurement grid: dx=2.4mm, dy=2.4mm, dz=1.4mm; Graded Ratio: 1.4
Reference Value = 30.76 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 2.43 W/kg
SAR(1 g) = 0.757 W/kg
Smallest distance from peaks to all points 3 dB below = 7.1 mm
Ratio of SAR at M2 to SAR at M1 = 67.6%



0 dB = 1.47 W/kg = 1.67 dBW/kg

ELEMENT

DUT: A3LSMS928B; Type: Portable Handset; Serial: 0738M

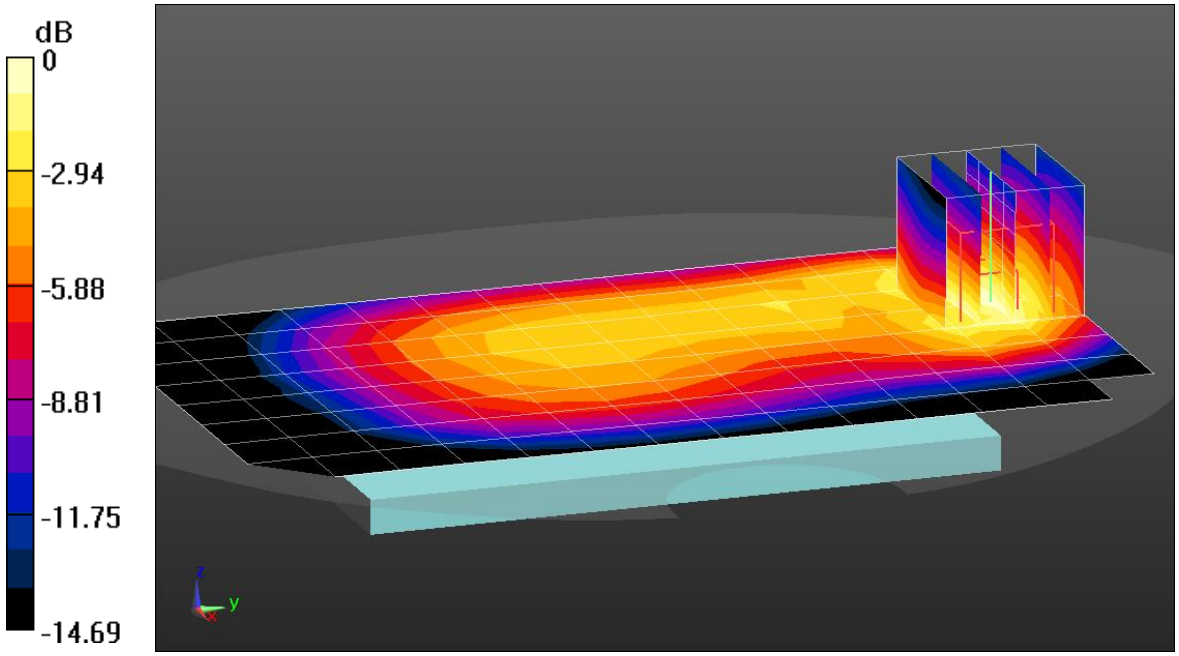
Communication System: UID 0, UMTS; Frequency: 826.4 MHz; Duty Cycle: 1:1
Medium: 835 Head; Medium parameters used (interpolated):
f = 826.4 MHz; σ = 0.891 S/m; ε_r = 42.096; ρ = 1000 kg/m^3
Phantom section: Flat Section; Space: 1.0 cm

Test Date: 09/18/2023; Ambient Temp: 22.6°C; Tissue Temp: 23.1°C

Probe: EX3DV4 - SN7637; ConvF(10.23, 10.23, 10.23) @ 826.4 MHz; Calibrated: 2023-03-16
Sensor-Surface: 1.4mm (Mechanical Surface Detection)
Electronics: DAE4 Sn1652; Calibrated: 2023-03-16
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)

UMTS 850, Antenna 6, Body SAR, Back side, 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 = 23.67 V/m; Power Drift = 0.00 dB
Peak SAR (extrapolated) = 0.751 W/kg
SAR(1 g) = 0.455 W/kg
Smallest distance from peaks to all points 3 dB below = 12.8 mm
Ratio of SAR at M2 to SAR at M1 = 62.5%



0 dB = 0.639 W/kg = -1.94 dBW/kg

ELEMENT

DUT: A3LSMS928B; Type: Portable Handset; Serial: 0738M

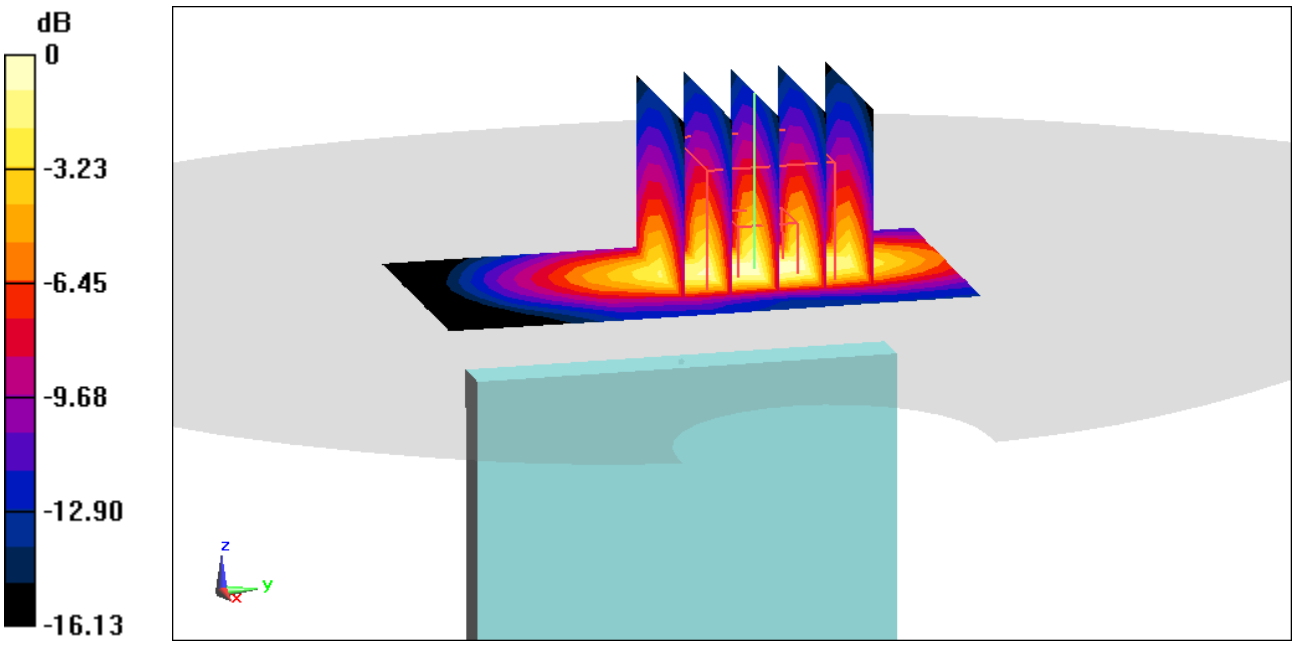
Communication System: UID 0, UMTS; Frequency: 826.4 MHz; Duty Cycle: 1:1
Medium: 835 Head Medium parameters used (interpolated):
f = 826.4 MHz; σ = 0.891 S/m; ε_r = 42.096; ρ = 1000 kg/m^3
Phantom section: Flat Section; Space: 1.0 cm

Test Date: 09/18/2023; Ambient Temp: 22.6°C; Tissue Temp: 23.1°C

Probe: EX3DV4 - SN7637; ConvF(10.23, 10.23, 10.23) @ 826.4 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: UMTS 850, Antenna 6, Body SAR, Top Edge, Low.ch

Area Scan (10x7x1): Measurement grid: dx=5mm, dy=15mm
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 26.90 V/m; Power Drift = -0.03 dB
Peak SAR (extrapolated) = 1.08 W/kg
SAR(1 g) = 0.573 W/kg
Smallest distance from peaks to all points 3 dB below = 9.6 mm
Ratio of SAR at M2 to SAR at M1 = 54.3%



0 dB = 0.893 W/kg = -0.49 dBW/kg

ELEMENT

DUT: A3LSMS928B; Type: Portable Handset; Serial: 0742M

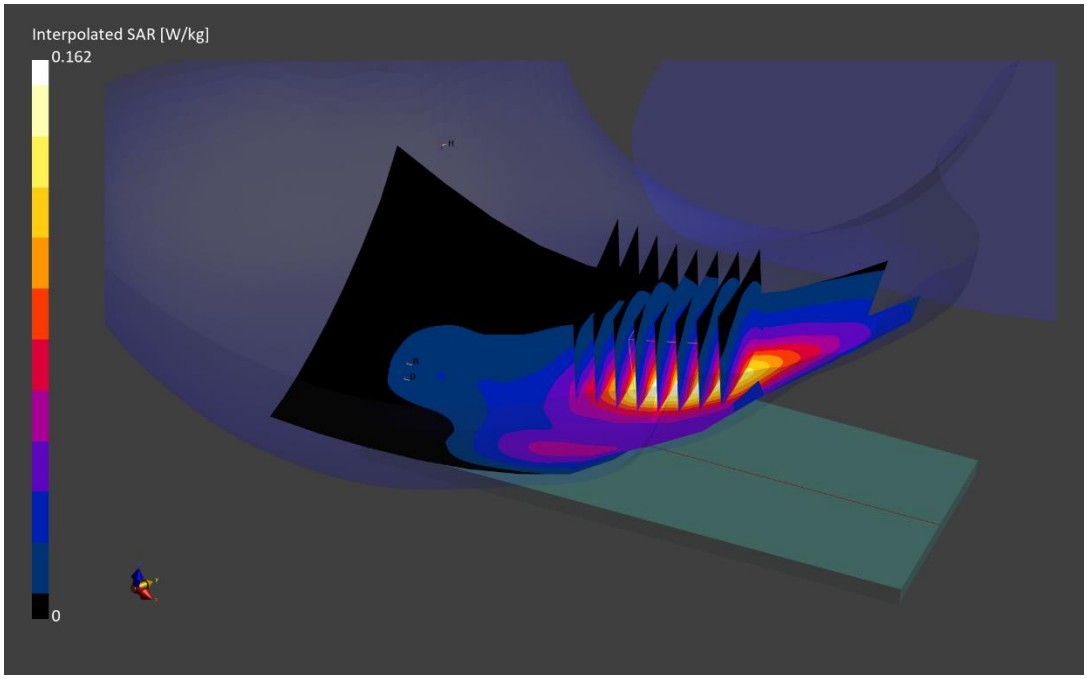
Communication System: UID:10011 - CAC, WCDMA; MAIA: Y; Frequency: 1712.4 MHz
Medium: 1750 Head; Medium parameters used:
f = 1712.4 MHz; cond = 1.35 S/m; perm = 38.7; density = 1000 kg/m3
Phantom Section: RightHead; Space: 0.00 mm

Test Date: 09/18/2023; Ambient Temp: 22.5°C; Tissue Temp: 23.1°C

Probe: EX3DV4 - SN7547; ConvF:(8.16,8.16,8.16); 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: UMTS 1750, Antenna 0, Head| Right Cheek, Ch. Low

Area Scan (120.0 x 210.0): Measurement grid: dx=15.0 mm, dy=15.0 mm
Zoom Scan (30.0 x 30.0 x 30.0): Measurement grid: dx=6.0 mm, dy=6.0 mm, dz=1.5 mm; Graded Ratio: 1.5
Reference Value = 0.12 W/kg; Power Drift = 0.03 dB
Peak SAR (extrapolated) = 0.162 W/kg
SAR(1 g) = 0.114 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 = 90.3 %



ELEMENT

DUT: A3LSMS928B; Type: Portable Handset; Serial: 0742M

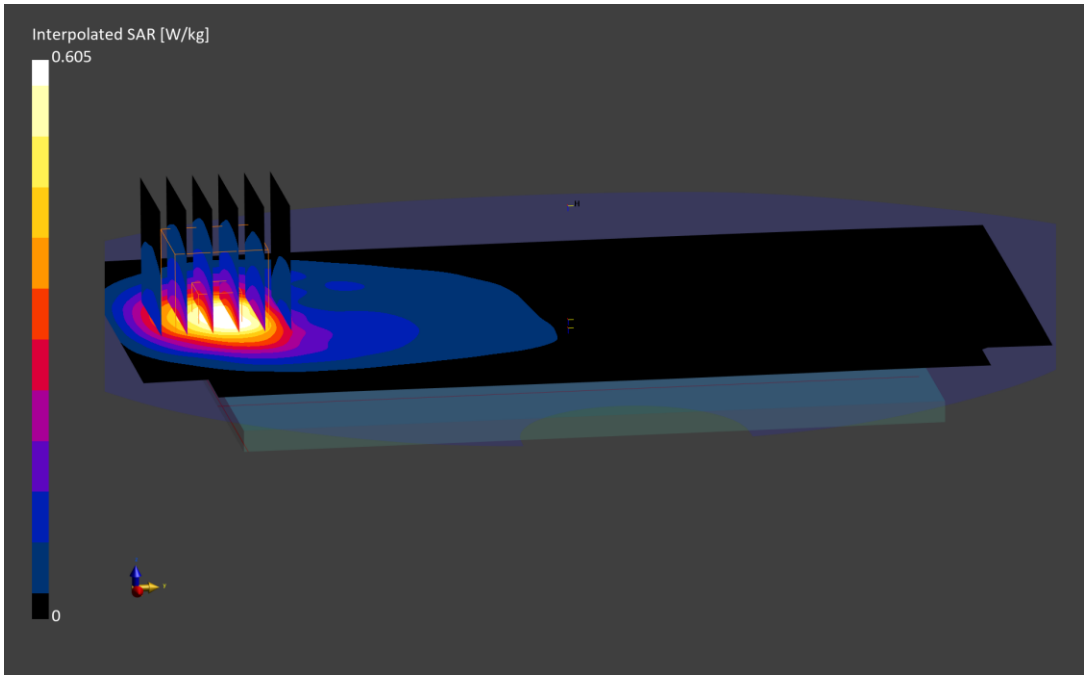
Communication System: UID:10011 - CAB, WCDMA; MAIA: Y; Frequency: 1752.6 MHz
Medium: 1750 Head; Medium parameters used:
f = 1752.6 MHz; cond = 1.34 S/m; perm = 41.8; density = 1000 kg/m3
Phantom Section: Flat; Space: 10.00 mm

Test Date: 09/26/2023; Ambient Temp: 22.5°C; Tissue Temp: 22.8°C

Probe: EX3DV4 - SN7565; ConvF:(8.23,8.23,8.23); Calibrated: 2023-01-12
Sensor-Surface: 1.4mm (All points)
Electronics: DAE4 Sn1466; Calibrated: 2023-01-20
Phantom: Twin-SAM V8.0; Serial: 1937
Measurement SW: DASY Module SAR V16.2.0.1425

Mode: UMTS 1750, Antenna 0, Exp: Body-worn/Hotspot| Back Side, Ch. High

Area Scan (120.0 x 210.0): Measurement grid: dx=15.0 mm, dy=15.0 mm
Zoom Scan (30.0 x 30.0 x 30.0): Measurement grid: dx=6.0 mm, dy=6.0 mm, dz=1.5 mm; Graded Ratio: 1.5
Reference Value = 0.33 W/kg; Power Drift = -0.02 dB
Peak SAR (extrapolated) = 0.605 W/kg
SAR(1 g) = 0.354 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 = 85.5 %



ELEMENT

DUT: A3LSMS928B; Type: Portable Handset; Serial: 0742M

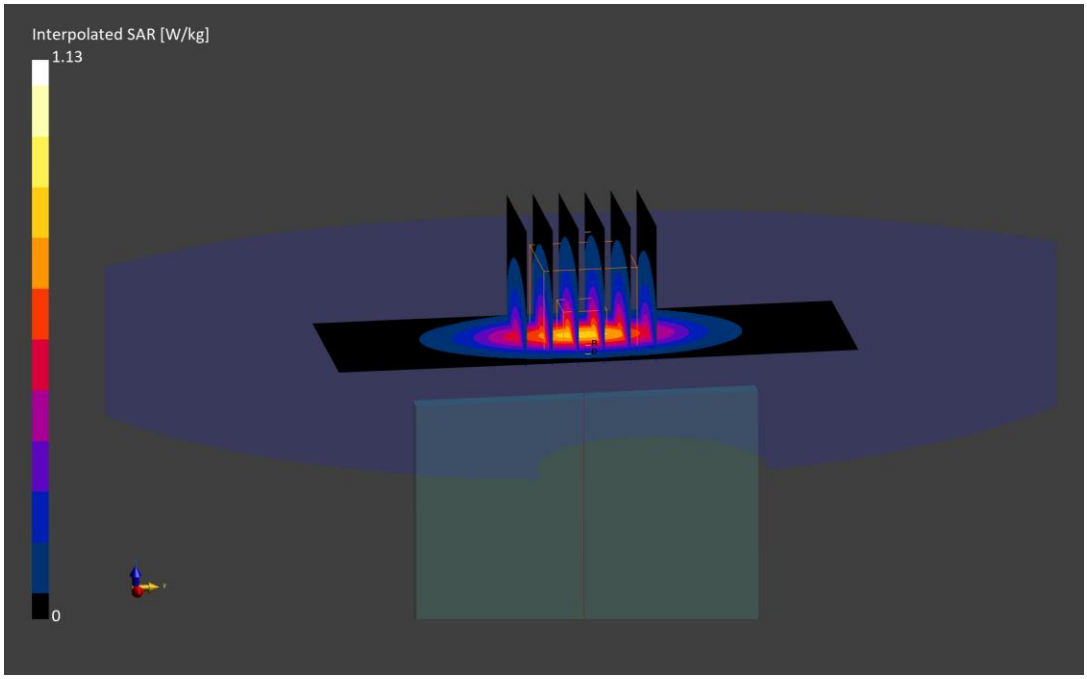
Communication System: UID:10011 - CAB, WCDMA; MAIA: Y; Frequency: 1752.6 MHz
Medium: 1750 Head; Medium parameters used:
f = 1752.6 MHz; cond = 1.34 S/m; perm = 41.8; density = 1000 kg/m3
Phantom Section: Flat; Space: 10.00 mm

Test Date: 09/26/2023; Ambient Temp: 22.5°C; Tissue Temp: 22.8°C

Probe: EX3DV4 - SN7565; ConvF:(8.23,8.23,8.23); Calibrated: 2023-01-12
Sensor-Surface: 1.4mm (All points)
Electronics: DAE4 Sn1466; Calibrated: 2023-01-20
Phantom: Twin-SAM V8.0; Serial: 1937
Measurement SW: DASY Module SAR V16.2.0.1425

Mode: UMTS 1750, Antenna 0, Exp: Hotspot| Bottom Edge, Ch. High

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 = 0.59 W/kg; Power Drift = 0.03 dB
Peak SAR (extrapolated) = 1.13 W/kg
SAR(1 g) = 0.656 W/kg;
Smallest distance from peaks to all points 3 dB below is 9.7 mm
Ratio of SAR at M2 to SAR at M1 = 84.8 %



ELEMENT

DUT: A3LSMS928B; Type: Portable Handset; Serial: 0733M

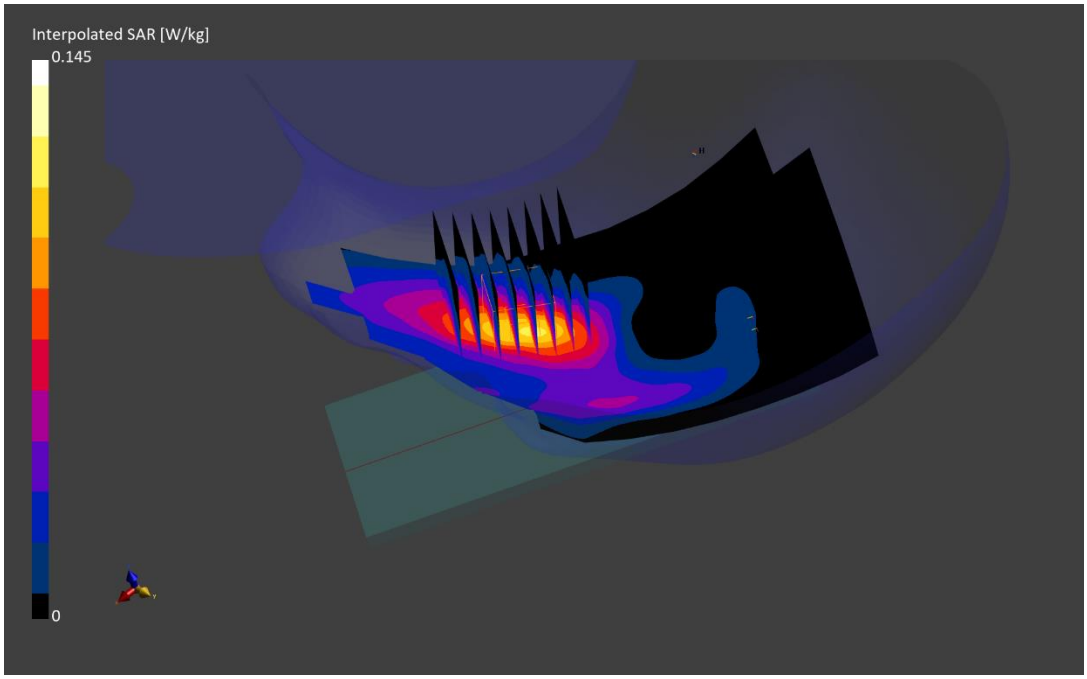
Communication System: UID:10011 - CAB, WCDMA; MAIA: Y; Frequency: 1907.6 MHz
Medium: 1900 Head; Medium parameters used:
f = 1907.6 MHz; cond = 1.45 S/m; perm = 40.0; density = 1000 kg/m3
Phantom Section: LeftHead; Space: 0.00 mm

Test Date: 09/14/2023; Ambient Temp: 20.7°C; Tissue Temp: 21.2°C

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

Mode: UMTS 1900, Antenna 0, Exp: Head| Left Cheek, Ch. High

Area Scan (120.0 x 210.0): Measurement grid: dx=15.0 mm, dy=15.0 mm
Zoom Scan (30.0 x 30.0 x 30.0): Measurement grid: dx=6.0 mm, dy=6.0 mm, dz=1.5 mm; Graded Ratio: 1.5
Reference Value = 0.11 W/kg; Power Drift = -0.12 dB
Peak SAR (extrapolated) = 0.145 W/kg
SAR(1 g) = 0.096 W/kg;
Smallest distance from peaks to all points 3 dB below is 13.1 mm
Ratio of SAR at M2 to SAR at M1 = 90.6 %



ELEMENT

DUT: A3LSMS928B; Type: Portable Handset; Serial: 0733M

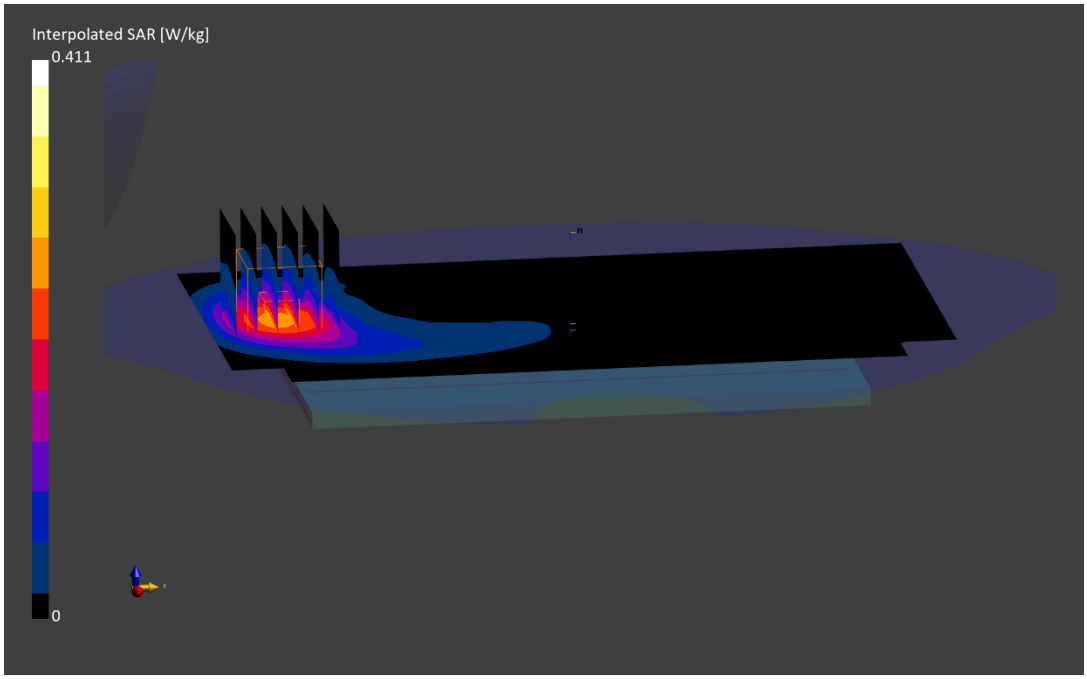
Communication System: UID:10011 - CAB, WCDMA; MAIA: Y; Frequency: 1907.6 MHz
Medium: 1900 Head; Medium parameters used:
f = 1907.6 MHz; cond = 1.44 S/m; perm = 38.8; density = 1000 kg/m3
Phantom Section: Flat; Space: 10.00 mm

Test Date: 09/25/2023; Ambient Temp: 20.3°C; Tissue Temp: 20.8°C

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

Mode: UMTS 1900, Antenna 0, Exp: Body-worn/Hotspot| Back Side, Ch. High

Area Scan (120.0 x 210.0): Measurement grid: dx=15.0 mm, dy=15.0 mm
Zoom Scan (30.0 x 30.0 x 30.0): Measurement grid: dx=6.0 mm, dy=6.0 mm, dz=1.5 mm; Graded Ratio: 1.5
Reference Value = 0.25 W/kg; Power Drift = 0.00 dB
Peak SAR (extrapolated) = 0.411 W/kg
SAR(1 g) = 0.238 W/kg;
Smallest distance from peaks to all points 3 dB below is 12.6 mm
Ratio of SAR at M2 to SAR at M1 = 83.9 %



ELEMENT

DUT: A3LSMS928B; Type: Portable Handset; Serial: 0733M

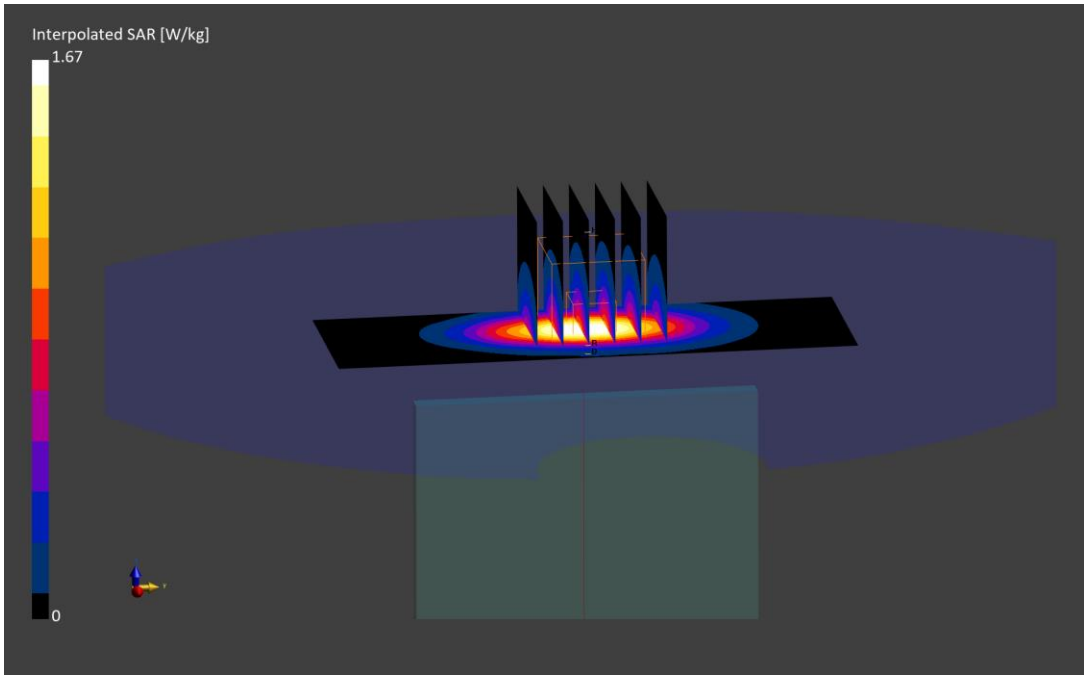
Communication System: UID:10011 - CAB, WCDMA; MAIA: Y; Frequency: 1907.6 MHz
Medium: 1900 Head; Medium parameters used:
f = 1907.6 MHz; cond = 1.44 S/m; perm = 38.8; density = 1000 kg/m3
Phantom Section: Flat; Space: 10.00 mm

Test Date: 09/25/2023; Ambient Temp: 20.3°C; Tissue Temp: 20.8°C

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

Mode: UMTS 1900, Antenna 0, Exp: Hotspot| Bottom Edge, Ch. High

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 = 1.00 W/kg; Power Drift = 0.00 dB
Peak SAR (extrapolated) = 1.67 W/kg
SAR(1 g) = 0.894 W/kg;
Smallest distance from peaks to all points 3 dB below is 10.8 mm
Ratio of SAR at M2 to SAR at M1 = 81.2 %



ELEMENT

DUT: A3LSMS928B; Type: Portable Handset; Serial: 0745M

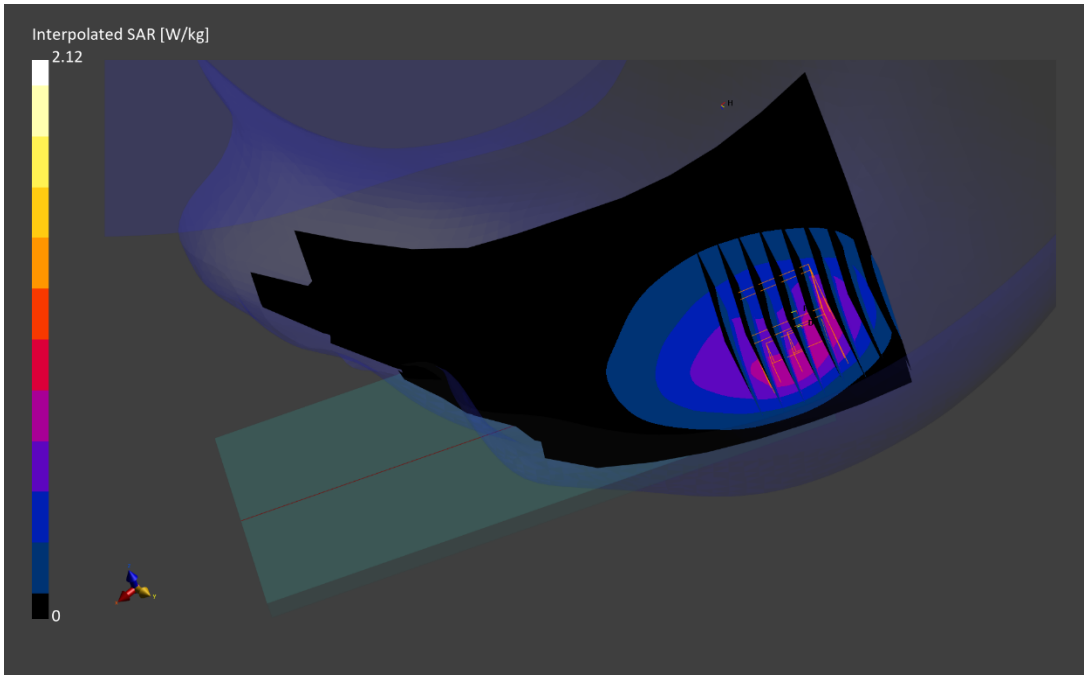
Communication System: UID:10154 - CAG, LTE-FDD; MAIA: Y; Frequency: 707.5 MHz
Medium: 750 Head; Medium parameters used:
f = 707.5 MHz; cond = 0.891 S/m; perm = 40.6; density = 1000 kg/m3
Phantom Section: LeftHead; Space: 0.00 mm

Test Date: 10/05/2023; Ambient Temp: 21.4°C; Tissue Temp: 21.1°C

Probe: EX3DV4 - SN7640; ConvF:(10.91,10.91,10.91); Calibrated: 2023-02-10
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1645; Calibrated: 2023-02-16
Phantom: Twin-SAM V5.0; Serial: 1868
Measurement SW: DASY Module SAR V16.2.0.1425

Mode: LTE Band 12, Antenna 6, Head, Left Cheek, Ch. Mid, 10 MHz Bandwidth, QPSK, 25 RB, 25 RB Offset

Area Scan (120.0 x 210.0): Measurement grid: dx=15.0 mm, dy=15.0 mm
Zoom Scan (30.0 x 30.0 x 30.0): Measurement grid: dx=6.0 mm, dy=6.0 mm, dz=1.5 mm; Graded Ratio: 1.5
Reference Value = 0.58 W/kg; Power Drift = 0.05 dB
Peak SAR (extrapolated) = 2.12 W/kg
SAR(1 g) = 0.825 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 = 68.4 %



ELEMENT

DUT: A3LSMS928B; Type: Portable Handset; Serial: 0745M

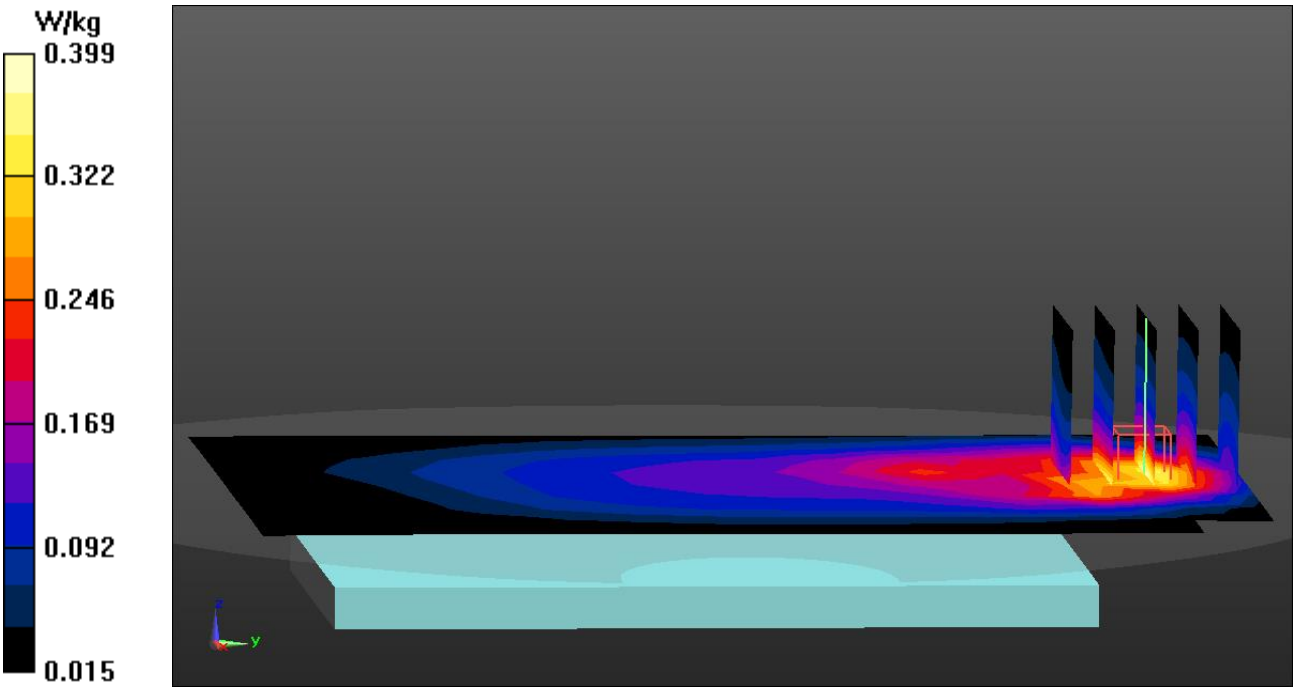
Communication System: UID 0, LTE Band 12; Frequency: 707.5 MHz; Duty Cycle: 1:1
Medium: 750 Head; Medium parameters used (interpolated):
f = 707.5 MHz; σ = 0.873 S/m; ε_r = 41.915; ρ = 1000 kg/m^3
Phantom section: Flat Section; Space: 1.0 cm

Test Date: 09/21/2023; Ambient Temp: 21.0°C; Tissue Temp: 20.3°C

Probe: EX3DV4 - SN7402; ConvF(10.21, 10.21, 10.21) @ 707.5 MHz; Calibrated: 5/10/2023
Sensor-Surface: 1.4mm (Mechanical Surface Detection)
Electronics: DAE4 Sn1502; Calibrated: 6/27/2023
Phantom: Twin-SAM V5.0; Type: QD 000 P40 CD; Serial: 1626
Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7501)

Mode: LTE Band 12, Antenna 6, Body SAR, Back side, 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 = 18.65 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 0.483 W/kg
SAR(1 g) = 0.280 W/kg
Smallest distance from peaks to all points 3 dB below = 12.8 mm
Ratio of SAR at M2 to SAR at M1 = 59.8%



ELEMENT

DUT: A3LSMS928B; Type: Portable Handset; Serial: 0745M

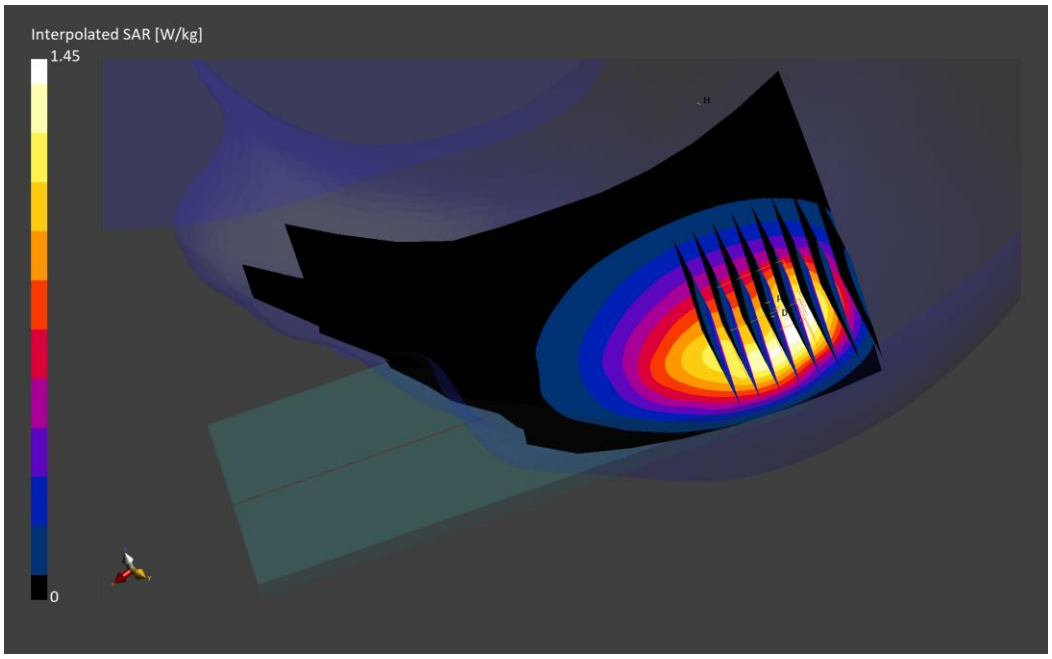
Communication System: UID:10154 - CAG, LTE-FDD; MAIA: Y; Frequency: 782.0 MHz
Medium: 750 Head; Medium parameters used:
f = 782.0 MHz; cond = 0.912 S/m; perm = 40.1; density = 1000 kg/m3
Phantom Section: LeftHead; Space: 0.00 mm

Test Date: 10/09/2023; Ambient Temp: 22.4°C; Tissue Temp: 20.3°C

Probe: EX3DV4 - SN7640; ConvF:(10.91,10.91,10.91); Calibrated: 2023-02-10
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1645; Calibrated: 2023-02-16
Phantom: Twin-SAM V5.0; Serial: 1868
Measurement SW: DASY Module SAR V16.2.0.1425

Mode: LTE Band 13, Antenna 6, Exp: Head| Left Cheek, Ch. Mid, 10 MHz Bandwidth, QPSK, 25 RB, 12 RB Offset

Area Scan (120.0 x 210.0): Measurement grid: dx=15.0 mm, dy=15.0 mm
Zoom Scan (30.0 x 30.0 x 30.0): Measurement grid: dx=6.0 mm, dy=6.0 mm, dz=1.5 mm; Graded Ratio: 1.5
Reference Value = 0.42 W/kg; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 1.45 W/kg
SAR(1 g) = 0.598 W/kg
Smallest distance from peaks to all points 3 dB below is 9.7 mm
Ratio of SAR at M2 to SAR at M1 = 70.0 %



ELEMENT

DUT: A3LSMS928B; Type: Portable Handset; Serial: 0745M

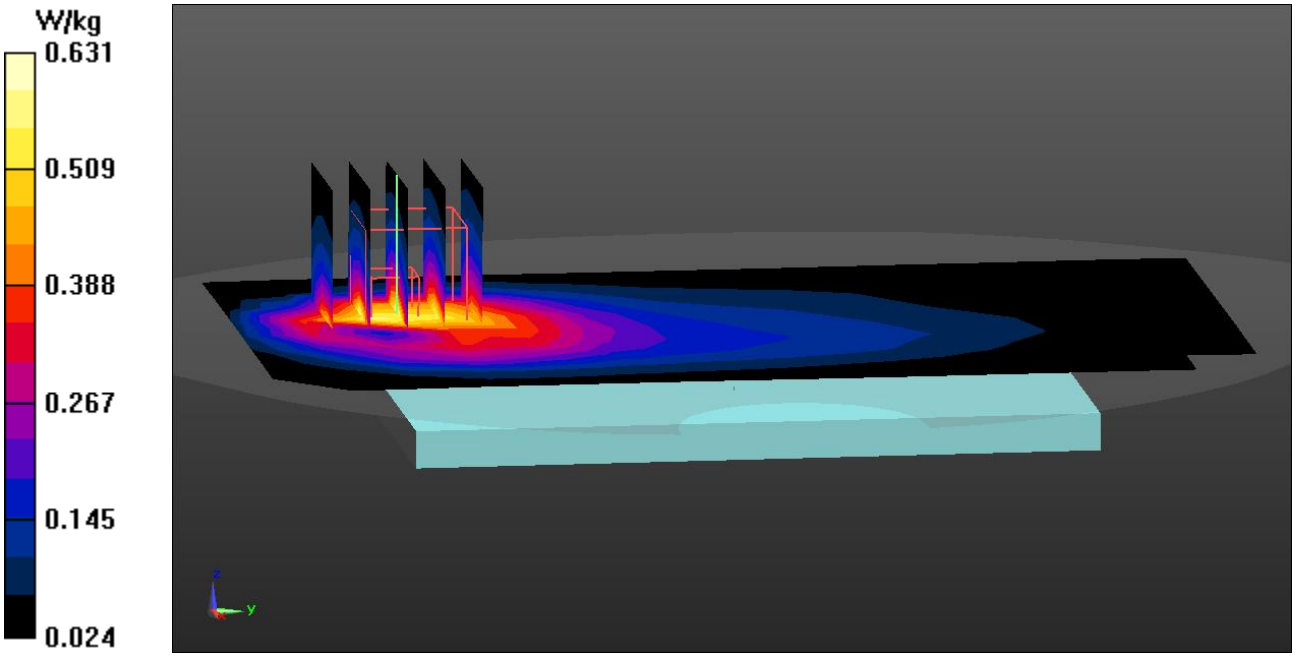
Communication System: UID 0, LTE Band 13; Frequency: 782 MHz; Duty Cycle: 1:1
Medium: 750 Head; Medium parameters used (interpolated):
f = 782 MHz; σ = 0.888 S/m; ε_r = 42.998; ρ = 1000 kg/m^3
Phantom section: Flat Section; Space: 1.0 cm

Test Date: 09/20/2023; Ambient Temp: 19.8°C; Tissue Temp: 20.5°C

Probe: EX3DV4 - SN7402; ConvF(10.21, 10.21, 10.21) @ 782 MHz; Calibrated: 5/10/2023
Sensor-Surface: 1.4mm (Mechanical Surface Detection)
Electronics: DAE4 Sn1502; Calibrated: 6/27/2023
Phantom: Twin-SAM V5.0; Type: QD 000 P40 CD; Serial: 1626
Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7501)

Mode: LTE Band 13, Antenna 0, Body SAR, Back side, 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 = 23.41 V/m; Power Drift = -0.03 dB
Peak SAR (extrapolated) = 0.750 W/kg
SAR(1 g) = 0.440 W/kg
Smallest distance from peaks to all points 3 dB below = 13.6 mm
Ratio of SAR at M2 to SAR at M1 = 59.8%



ELEMENT

DUT: A3LSMS928B; Type: Portable Handset; Serial: 0745M

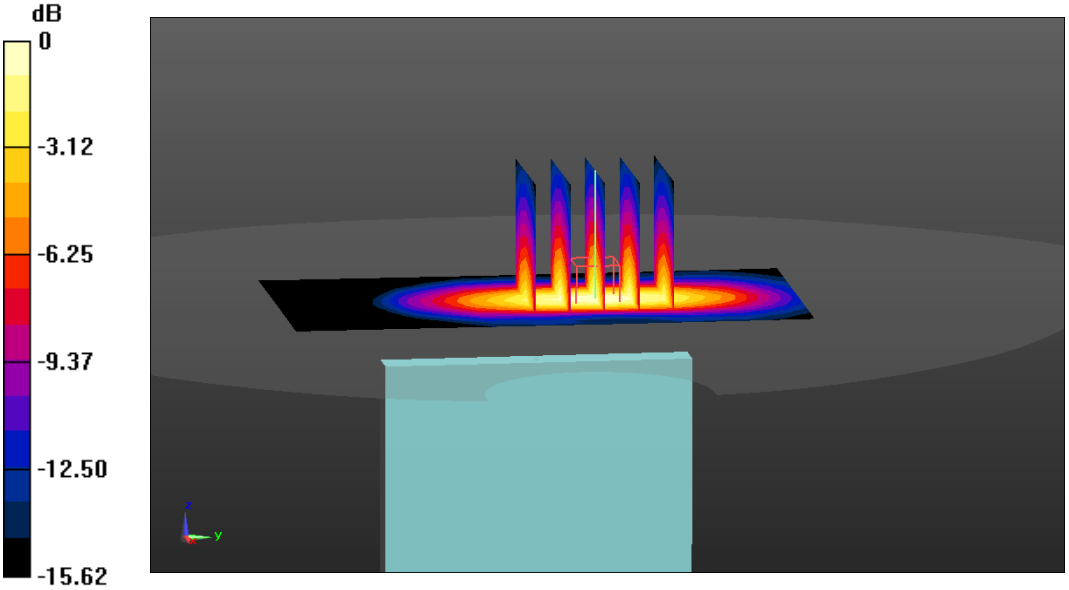
Communication System: UID 0, LTE Band 13; Frequency: 782 MHz; Duty Cycle: 1:1
Medium: 750 Head; Medium parameters used (interpolated):
f = 782 MHz; σ = 0.901 S/m; ε_r = 41.745; ρ = 1000 kg/m^3
Phantom section: Flat Section; Space: 1.0 cm

Test Date: 09/21/2023; Ambient Temp: 21.0°C; Tissue Temp: 20.3°C

Probe: EX3DV4 - SN7402; ConvF(10.21, 10.21, 10.21) @ 782 MHz; Calibrated: 5/10/2023
Sensor-Surface: 1.4mm (Mechanical Surface Detection)
Electronics: DAE4 Sn1502; Calibrated: 6/27/2023
Phantom: Twin-SAM V5.0; Type: QD 000 P40 CD; Serial: 1626
Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7501)

Mode: LTE Band 13, Antenna 6, Body SAR, Top Edge, Mid.ch, 10 MHz Bandwidth, QPSK, 1 RB, 25 RB Offset

Area Scan (13x9x1): Measurement grid: dx=5mm, dy=15mm
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 24.64 V/m; Power Drift = -0.02 dB
Peak SAR (extrapolated) = 0.939 W/kg
SAR(1 g) = 0.494 W/kg
Smallest distance from peaks to all points 3 dB below = 9.6 mm
Ratio of SAR at M2 to SAR at M1 = 53.3%



0 dB = 0.772 W/kg = -1.12 dBW/kg

ELEMENT

DUT: A3LSMS928B; Type: Portable Handset; Serial: 0738M

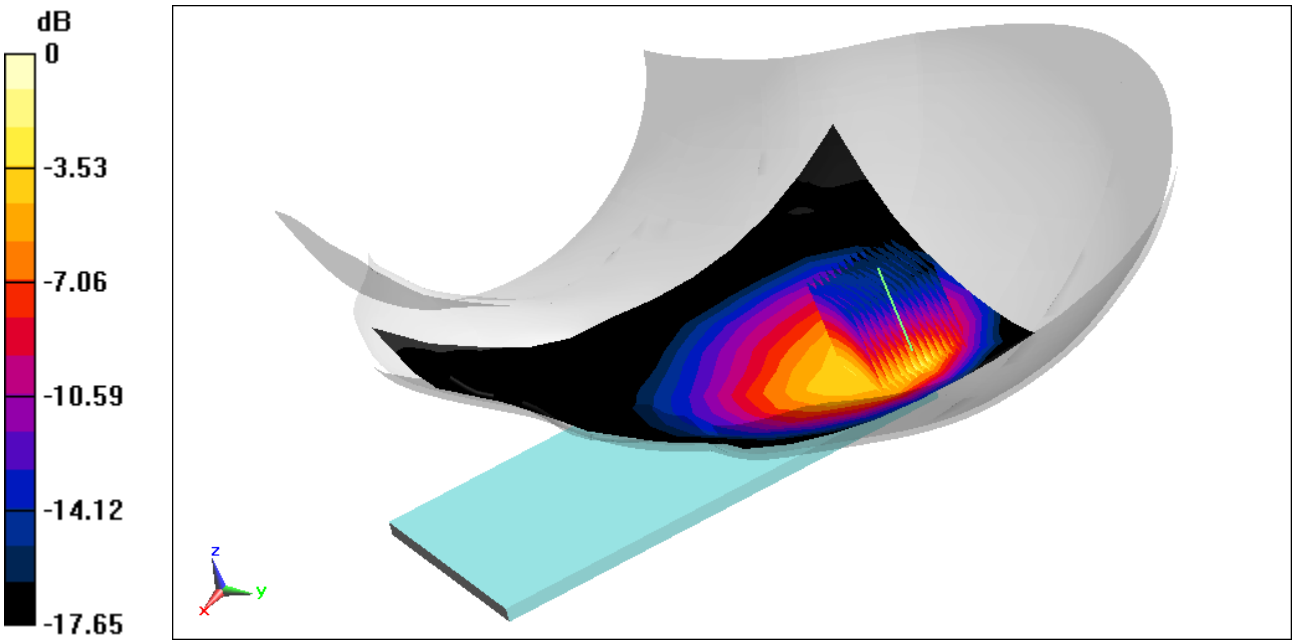
Communication System: UID 0, LTE Band 26; Frequency: 831.5 MHz; Duty Cycle: 1:1
Medium: 835 Head Medium parameters used (interpolated):
f = 831.5 MHz; σ = 0.887 S/m; ε_r = 40.235; ρ = 1000 kg/m^3
Phantom section: Left Section;

Test Date: 10/02/2023; Ambient Temp: 22.8°C; Tissue Temp: 21.8°C

Probe: EX3DV4 - SN7637; ConvF(10.23, 10.23, 10.23) @ 831.5 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 26 (Cell.), Antenna 6, Left Head, Cheek
Mid.ch, 15 MHz Bandwidth, QPSK, 1 RB, 36 RB Offset

Area Scan (9x13x1): Measurement grid: dx=15mm, dy=15mm
Zoom Scan (14x14x8)/Cube 0: Measurement grid: dx=2.4mm, dy=2.4mm, dz=1.4mm; Graded Ratio: 1.4
Reference Value = 30.81 V/m; Power Drift = -0.04 dB
Peak SAR (extrapolated) = 2.08 W/kg
SAR(1 g) = 0.640 W/kg
Smallest distance from peaks to all points 3 dB below = 7.5 mm
Ratio of SAR at M2 to SAR at M1 = 68.1%



0 dB = 1.23 W/kg = 0.90 dBW/kg

ELEMENT

DUT: A3LSMS928B; Type: Portable Handset; Serial: 0738M

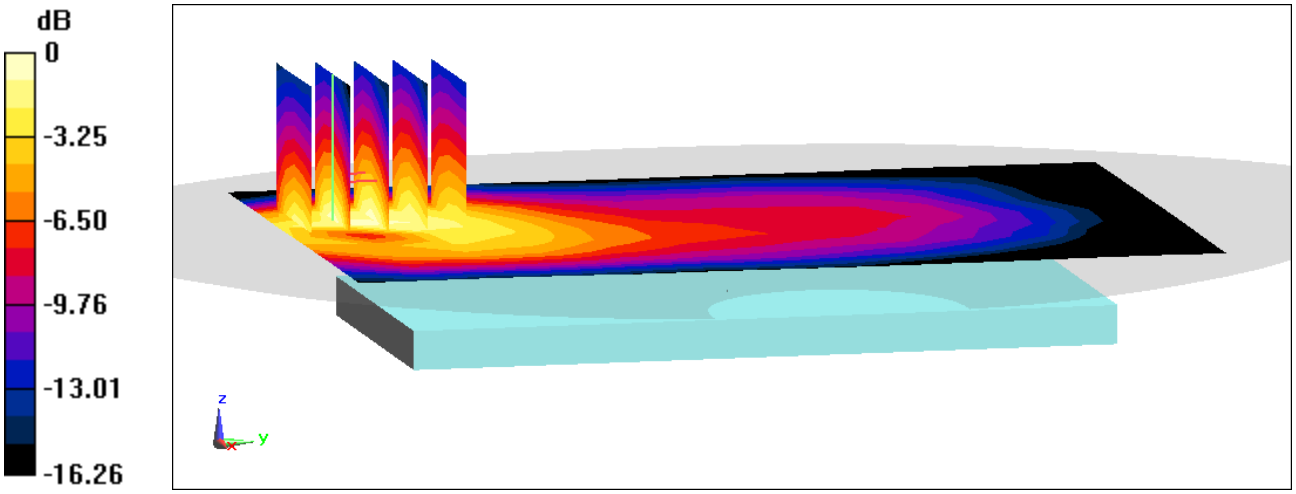
Communication System: UID 0, LTE Band 26; Frequency: 831.5 MHz; Duty Cycle: 1:1
Medium: 835 Head Medium parameters used (interpolated):
f = 831.5 MHz; σ = 0.892 S/m; ε_r = 40.915; ρ = 1000 kg/m^3
Phantom section: Flat Section; Space: 1.0 cm

Test Date: 09/20/2023; Ambient Temp: 22.5°C; Tissue Temp: 20.7°C

Probe: EX3DV4 - SN7637; ConvF(10.23, 10.23, 10.23) @ 831.5 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 26 (Cell.), Antenna 0, Body SAR, Back side, Mid.ch, 15 MHz Bandwidth, QPSK, 1 RB, 0 RB Offset

Area Scan (9x13x1): Measurement grid: dx=15mm, dy=15mm
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 22.64 V/m; Power Drift = -0.16 dB
Peak SAR (extrapolated) = 0.723 W/kg
SAR(1 g) = 0.408 W/kg
Smallest distance from peaks to all points 3 dB below = 12.2 mm
Ratio of SAR at M2 to SAR at M1 = 55.5%



0 dB = 0.595 W/kg = -2.25 dBW/kg

ELEMENT

DUT: A3LSMS928B; Type: Portable Handset; Serial: 0738M

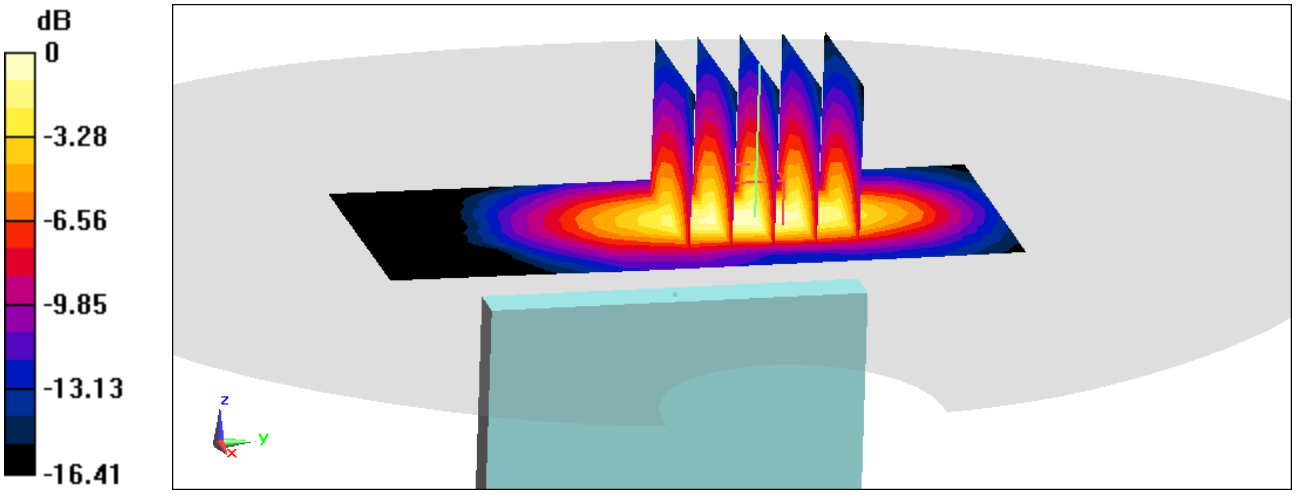
Communication System: UID 0, LTE Band 26; Frequency: 831.5 MHz; Duty Cycle: 1:1
Medium: 835 Head Medium parameters used (interpolated):
f = 831.5 MHz; σ = 0.871 S/m; ε_r = 40.043; ρ = 1000 kg/m^3
Phantom section: Flat Section; Space: 1.0 cm

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

Probe: EX3DV4 - SN7637; ConvF(10.23, 10.23, 10.23) @ 831.5 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 26 (Cell.), Antenna 6, Body SAR, Top Edge, Mid.ch, 15 MHz Bandwidth, QPSK, 1 RB, 0 RB Offset

Area Scan (11x9x1): Measurement grid: dx=5mm, dy=15mm
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 24.08 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 0.854 W/kg
SAR(1 g) = 0.451 W/kg
Smallest distance from peaks to all points 3 dB below = 9.6 mm
Ratio of SAR at M2 to SAR at M1 = 53.4%



0 dB = 0.708 W/kg = -1.50 dBW/kg

ELEMENT

DUT: A3LSMS928B; Type: Portable Handset; Serial: 0742M

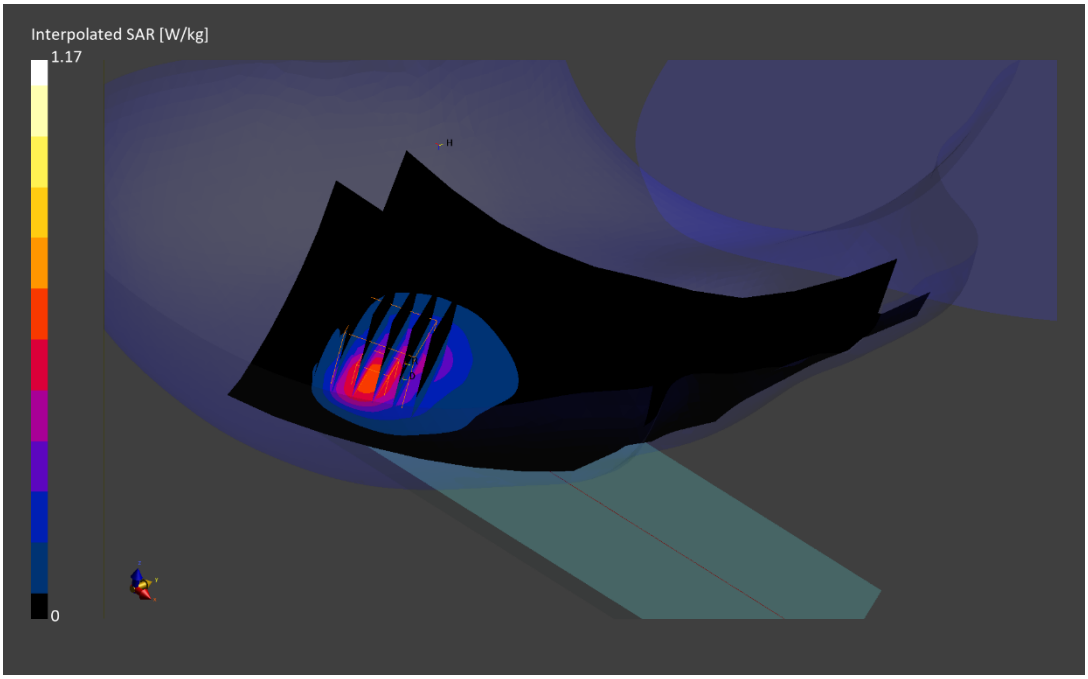
Communication System: UID:10297 - AAE, LTE-FDD; MAIA: Y; Frequency: 1720.0 MHz
Medium: 1750 Head; Medium parameters used:
f = 1720.0 MHz; cond = 1.35 S/m; perm = 38.7; density = 1000 kg/m3
Phantom Section: RightHead; Space: 0.00 mm

Test Date: 09/18/2023; Ambient Temp: 22.5°C; Tissue Temp: 23.1°C

Probe: EX3DV4 - SN7547; ConvF:(8.16,8.16,8.16); 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 66, Antenna 7, Exp: Head| Right Tilt, Ch. Low, 20 MHz Bandwidth, QPSK, 50 RB, 25 RB Offset

Area Scan (120.0 x 210.0): Measurement grid: dx=15.0 mm, dy=15.0 mm
Zoom Scan (30.0 x 30.0 x 30.0): Measurement grid: dx=6.0 mm, dy=6.0 mm, dz=1.5 mm; Graded Ratio: 1.5
Reference Value = 0.59 W/kg; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 1.17 W/kg
SAR(1 g) = 0.581 W/kg
Smallest distance from peaks to all points 3 dB below is 8.1 mm
Ratio of SAR at M2 to SAR at M1 = 78.1 %



ELEMENT

DUT: A3LSMS928B; Type: Portable Handset; Serial: 0742M

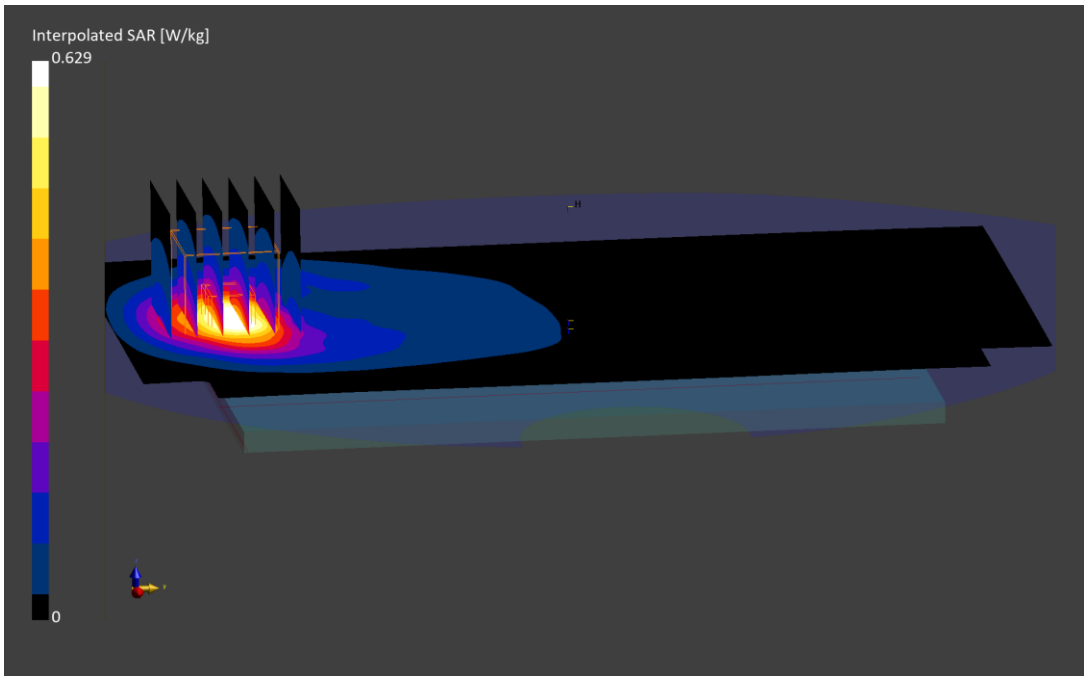
Communication System: UID:10169 - CAE, LTE-FDD; MAIA: Y; Frequency: 1720.0 MHz
Medium: 1750 Head; Medium parameters used:
f = 1720.0 MHz; cond = 1.30 S/m; perm = 42.0; density = 1000 kg/m3
Phantom Section: Flat; Space: 10.00 mm

Test Date: 10/02/2023; Ambient Temp: 23.1°C; Tissue Temp: 23.0°C

Probe: EX3DV4 - SN7565; ConvF:(8.23,8.23,8.23); Calibrated: 2023-01-12
Sensor-Surface: 1.4mm (All points)
Electronics: DAE4 Sn1466; Calibrated: 2023-01-20
Phantom: Twin-SAM V8.0; Serial: 1937
Measurement SW: DASY Module SAR V16.2.0.1425

Mode: LTE Band 66, Antenna 0, Exp: Body-worn/Hotspot| Back Side, Ch. Low, 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 = 0.36 W/kg; Power Drift = -0.02 dB
Peak SAR (extrapolated) = 0.629 W/kg
SAR(1 g) = 0.384 W/kg;
Smallest distance from peaks to all points 3 dB below is 10.8 mm
Ratio of SAR at M2 to SAR at M1 = 87.3 %



ELEMENT

DUT: A3LSMS928B; Type: Portable Handset; Serial: 0742M

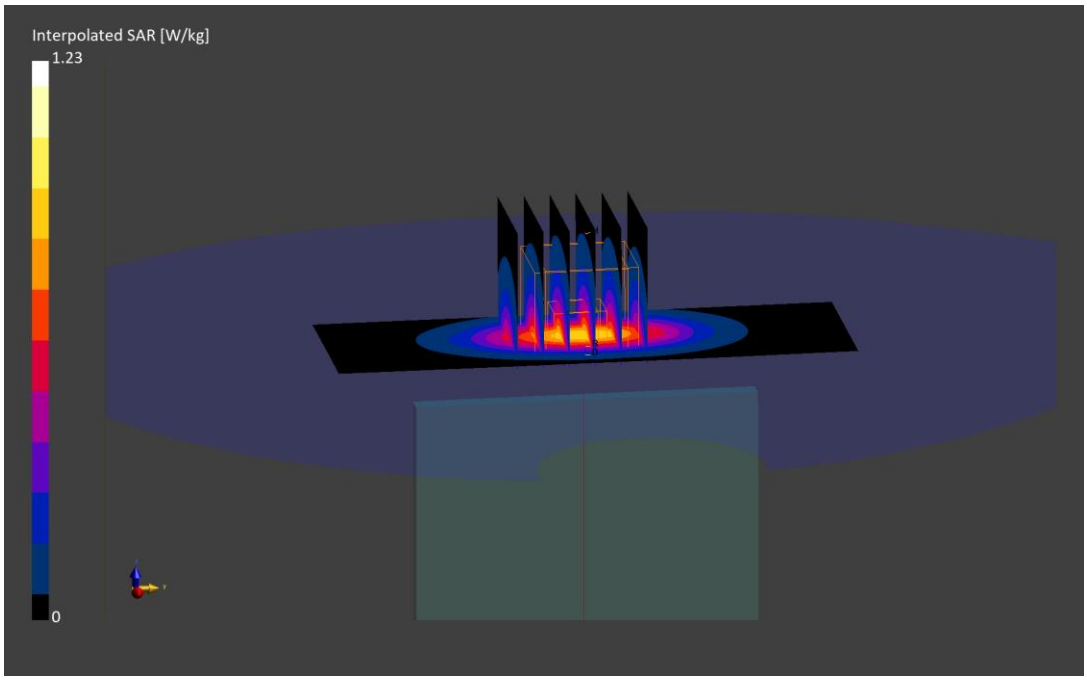
Communication System: UID:10297 - AAD, LTE-FDD; MAIA: Y; Frequency: 1745.0 MHz
Medium: 1750 Head; Medium parameters used:
f = 1745.0 MHz; cond = 1.31 S/m; perm = 42.0; density = 1000 kg/m3
Phantom Section: Flat; Space: 10.00 mm

Test Date: 10/02/2023; Ambient Temp: 23.1°C; Tissue Temp: 23.0°C

Probe: EX3DV4 - SN7565; ConvF:(8.23,8.23,8.23); Calibrated: 2023-01-12
Sensor-Surface: 1.4mm (All points)
Electronics: DAE4 Sn1466; Calibrated: 2023-01-20
Phantom: Twin-SAM V8.0; Serial: 1937
Measurement SW: DASY Module SAR V16.2.0.1425

Mode: LTE Band 66, Antenna 0, Exp: Hotspot| Bottom Edge, Ch. Mid, 20 MHz Bandwidth, QPSK, 50 RB, 0 RB Offset

Area Scan (40.0 x 120.0): Measurement grid: dx=5.0 mm, dy=15.0 mm
Zoom Scan (30.0 x 30.0 x 30.0): Measurement grid: dx=6.0 mm, dy=6.0 mm, dz=1.5 mm; Graded Ratio: 1.5
Reference Value = 0.68 W/kg; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 1.23 W/kg
SAR(1 g) = 0.730 W/kg;
Smallest distance from peaks to all points 3 dB below is 10.8 mm
Ratio of SAR at M2 to SAR at M1 = 85.9 %



ELEMENT

DUT: A3LSMS928B; Type: Portable Handset; Serial: 0733M

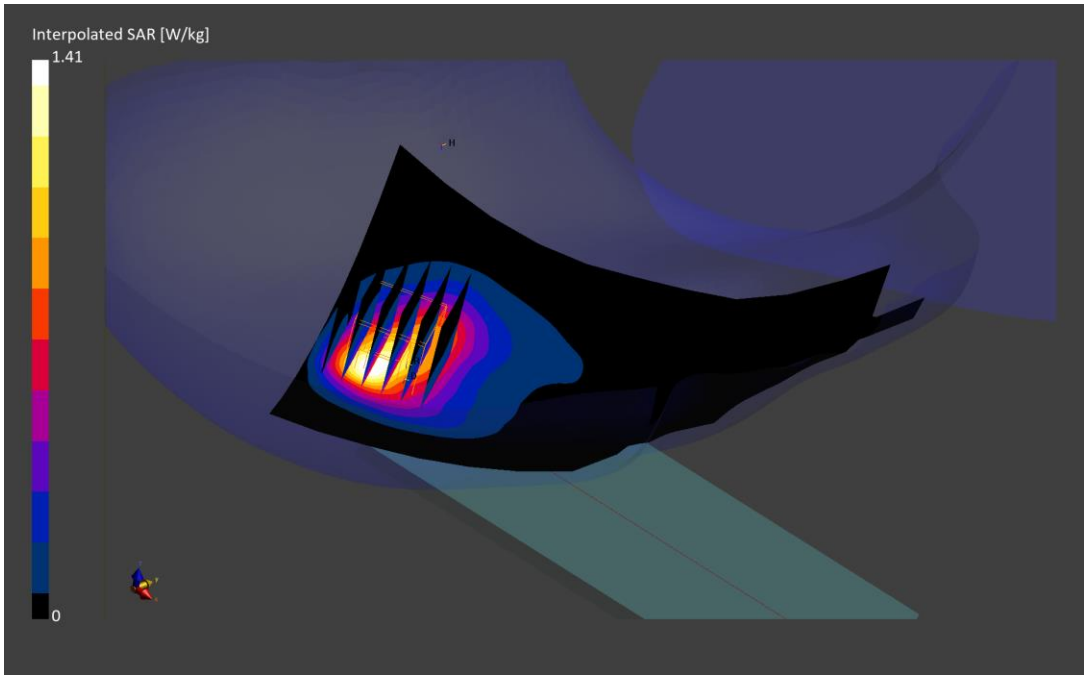
Communication System: UID:10297 - AAE, LTE-FDD; MAIA: Y; Frequency: 1905.0 MHz
Medium: 1900 Head; Medium parameters used:
f = 1905.0 MHz; cond = 1.37 S/m; perm = 39.0; density = 1000 kg/m3
Phantom Section: RightHead; Space: 0.00 mm

Test Date: 09/18/2023; Ambient Temp: 20.1°C; Tissue Temp: 19.9°C

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

Mode: LTE Band 25, Antenna 7, Exp: Head| Right Tilt, Ch. High, 20 MHz Bandwidth, QPSK, 50 RB, 50 RB Offset

Area Scan (120.0 x 210.0): Measurement grid: dx=15.0 mm, dy=15.0 mm
Zoom Scan (30.0 x 30.0 x 30.0): Measurement grid: dx=6.0 mm, dy=6.0 mm, dz=1.5 mm; Graded Ratio: 1.5
Reference Value = 0.96 W/kg; Power Drift = 0.04 dB
Peak SAR (extrapolated) = 1.41 W/kg
SAR(1 g) = 0.702 W/kg;
Smallest distance from peaks to all points 3 dB below is 7.7 mm
Ratio of SAR at M2 to SAR at M1 = 77.9 %



ELEMENT

DUT: A3LSMS928B; Type: Portable Handset; Serial: 0733M

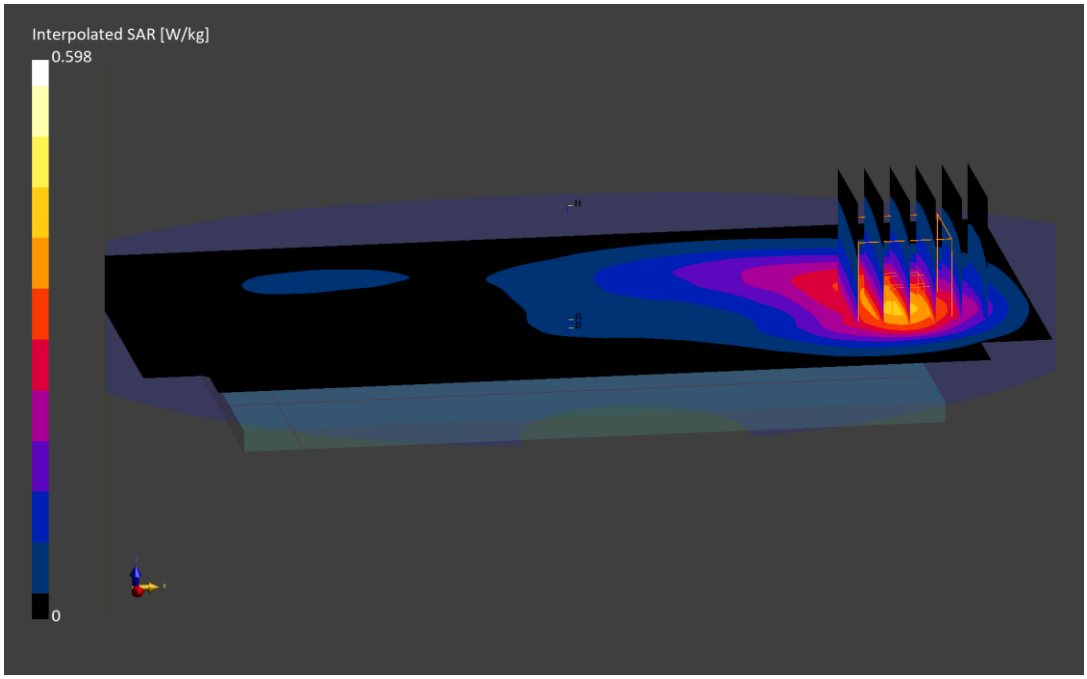
Communication System: UID:10169 - CAF, LTE-FDD; MAIA: Y; Frequency: 1860.0 MHz
Medium: 1900 Head; Medium parameters used:
f = 1860.0 MHz; cond = 1.34 S/m; perm = 39.1; density = 1000 kg/m3
Phantom Section: Flat; Space: 10.00 mm

Test Date: 09/18/2023; Ambient Temp: 20.1°C; Tissue Temp: 19.9°C

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

Mode: LTE Band 25, Antenna 7, Exp: Body-worn/Hotspot| Back Side, Ch. Low, 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 = 0.46 W/kg; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 0.598 W/kg
SAR(1 g) = 0.356 W/kg;
Smallest distance from peaks to all points 3 dB below is 12.6 mm
Ratio of SAR at M2 to SAR at M1 = 84.7 %



ELEMENT

DUT: A3LSMS928B; Type: Portable Handset; Serial: 0733M

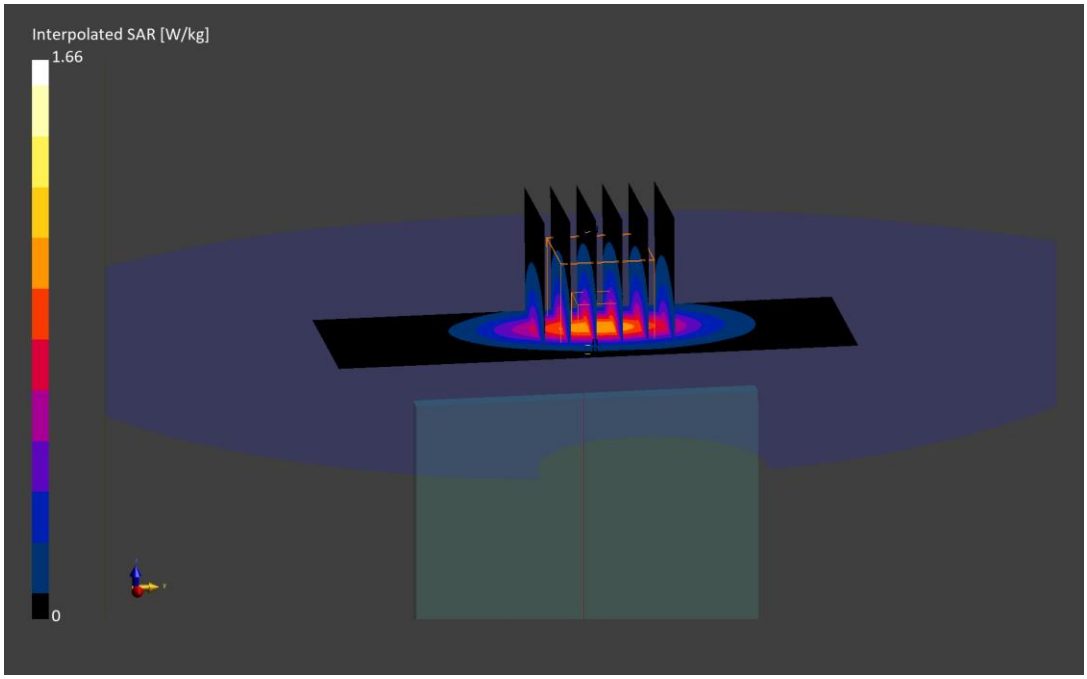
Communication System: UID:10297 - AAD, LTE-FDD; MAIA: Y; Frequency: 1905.0 MHz
Medium: 1900 Head; Medium parameters used:
f = 1905.0 MHz; cond = 1.44 S/m; perm = 38.8; density = 1000 kg/m3
Phantom Section: Flat; Space: 10.00 mm

Test Date: 09/25/2023; Ambient Temp: 20.3°C; Tissue Temp: 20.8°C

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

Mode: LTE Band 25, Antenna 0, Exp: Hotspot| Bottom Edge, Ch. High, 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=6.0 mm, dy=6.0 mm, dz=1.5 mm; Graded Ratio: 1.5
Reference Value = 0.99 W/kg; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 1.66 W/kg
SAR(1 g) = 0.886 W/kg;
Smallest distance from peaks to all points 3 dB below is 9.9 mm
Ratio of SAR at M2 to SAR at M1 = 81.0 %



ELEMENT

DUT: A3LSMS928B; Type: Portable Handset; Serial: 1069M

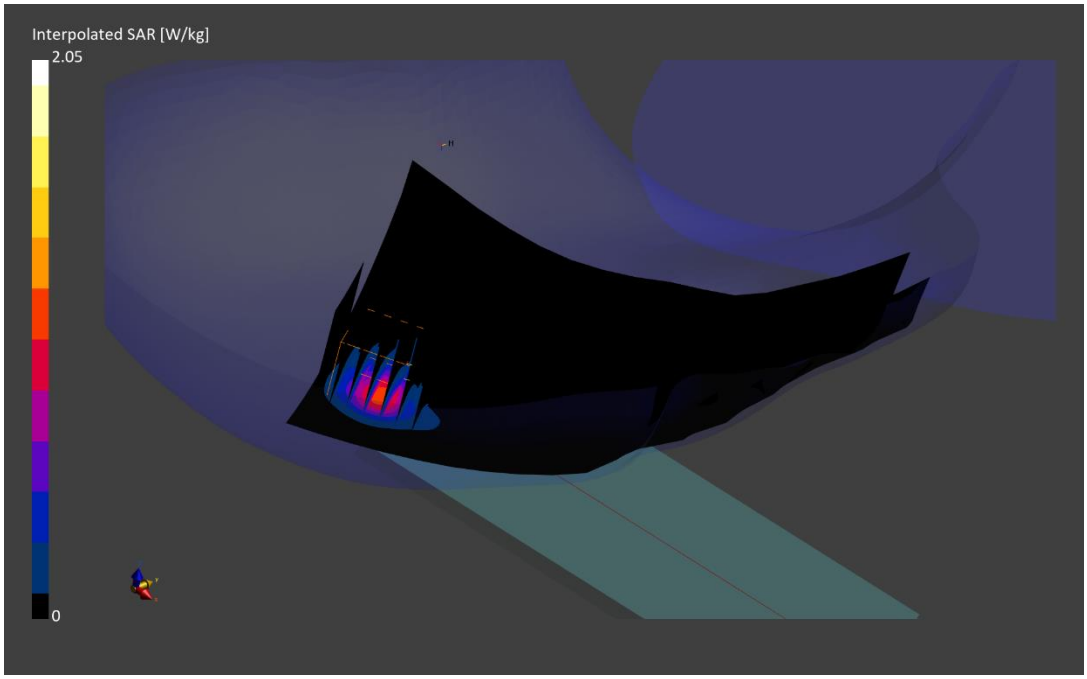
Communication System: UID:10172 - CAG, LTE-TDD; MAIA: Y; Frequency: 2680.0 MHz
Medium: 2450 Head; Medium parameters used:
f = 2680.0 MHz; cond = 2.14 S/m; perm = 37.3; density = 1000 kg/m3
Phantom Section: RightHead; Space: 0.00 mm

Test Date: 10/11/2023; Ambient Temp: 22.7°C; Tissue Temp: 21.4°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, HPUE, Antenna 7, Right Head, Tilt, Ch. High, 20 MHz Bandwidth, QPSK, 1 RB, 50 RB Offset

Area Scan (120.0 x 200.0): Measurement grid: dx=10.0 mm, dy=10.0 mm
Zoom Scan (30.0 x 30.0 x 30.0): Measurement grid: dx=5.0 mm, dy=5.0 mm, dz=1.5 mm; Graded Ratio: 1.5
Reference Value = 0.83 W/kg; Power Drift = 0.04 dB
Peak SAR (extrapolated) = 2.05 W/kg
SAR(1 g) = 0.838 W/kg;
Smallest distance from peaks to all points 3 dB below is 6.8 mm
Ratio of SAR at M2 to SAR at M1 = 75.7 %



ELEMENT

DUT: A3LSMS928B; Type: Portable Handset; Serial: 1069M

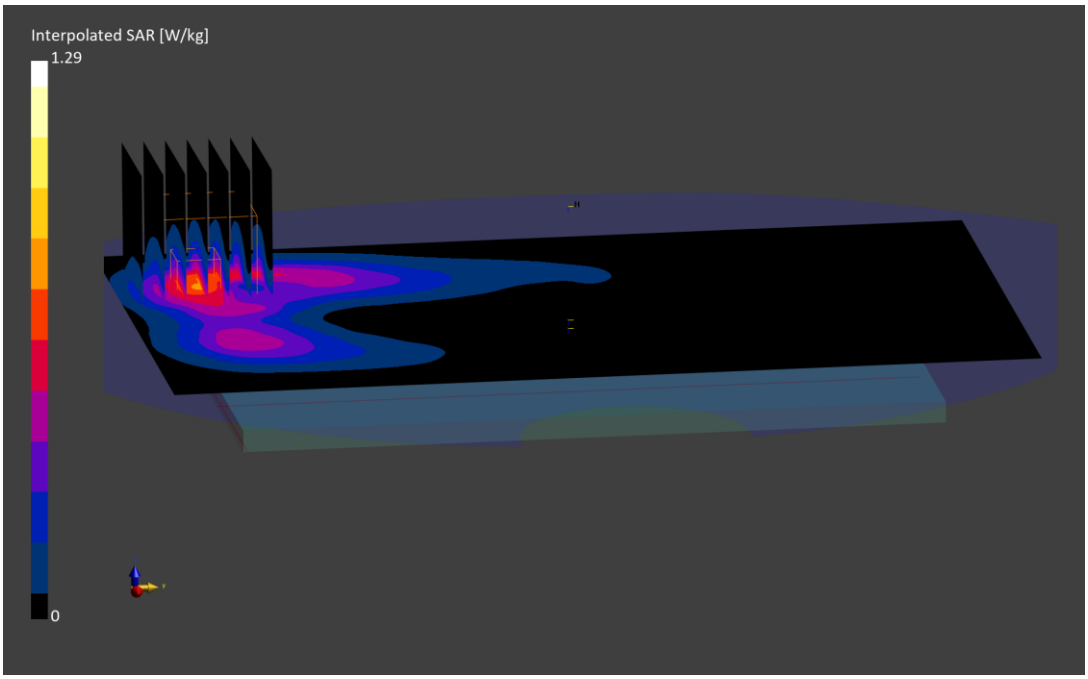
Communication System: UID:10435 - AAF, LTE-TDD; MAIA: Y; Frequency: 2636.5 MHz
Medium: 2450 Head; Medium parameters used:
f = 2636.5 MHz; cond = 2.09 S/m; perm = 38.4; density = 1000 kg/m3
Phantom Section: Flat; Space: 10.00 mm

Test Date: 10/02/2023; Ambient Temp: 22.9°C; Tissue Temp: 21.5°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, Antenna 1, Exp: Body-worn/Hotspot| Back Side, Ch. Mid-High, 20 MHz Bandwidth, QPSK, 1 RB, 50 RB Offset

Area Scan (120.0 x 200.0): Measurement grid: dx=10.0 mm, dy=10.0 mm
Zoom Scan (30.0 x 30.0 x 30.0): Measurement grid: dx=5.0 mm, dy=5.0 mm, dz=1.5 mm; Graded Ratio: 1.5
Reference Value = 0.65 W/kg; Power Drift = 0.00 dB
Peak SAR (extrapolated) = 1.29 W/kg
SAR(1 g) = 0.615 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 = 80.0 %



ELEMENT

DUT: A3LSMS928B; Type: Portable Handset; Serial: 1069M

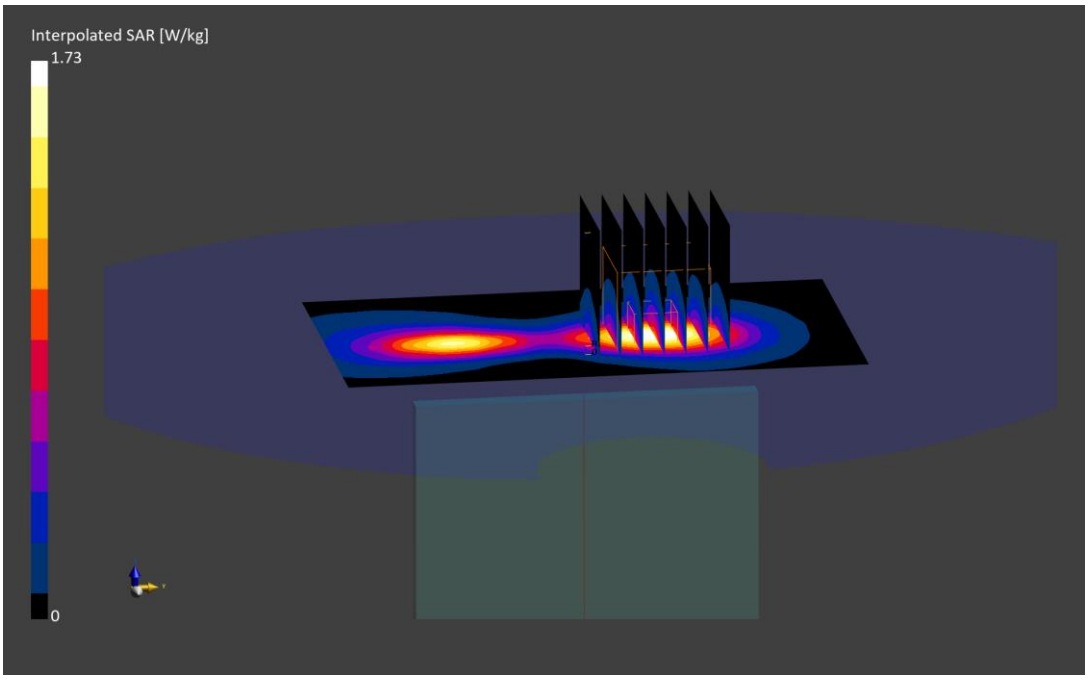
Communication System: UID:10435 - AAF, LTE-TDD; MAIA: Y; Frequency: 2636.5 MHz
Medium: 2450 Head; Medium parameters used:
f = 2636.5 MHz; cond = 2.00 S/m; perm = 37.7; density = 1000 kg/m3
Phantom Section: Flat; Space: 10.00 mm

Test Date: 10/04/2023; Ambient Temp: 20.7°C; Tissue Temp: 20.6°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, Antenna 1, Exp: Hotspot| Bottom Edge, Ch. Mid-High, 20 MHz Bandwidth, QPSK, 1 RB, 50 RB Offset

Area Scan (70.0 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 = 0.84 W/kg; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 1.73 W/kg
SAR(1 g) = 0.867 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 = 79.7 %



ELEMENT

DUT: A3LSMS928B; Type: Portable Handset; Serial: 0738M

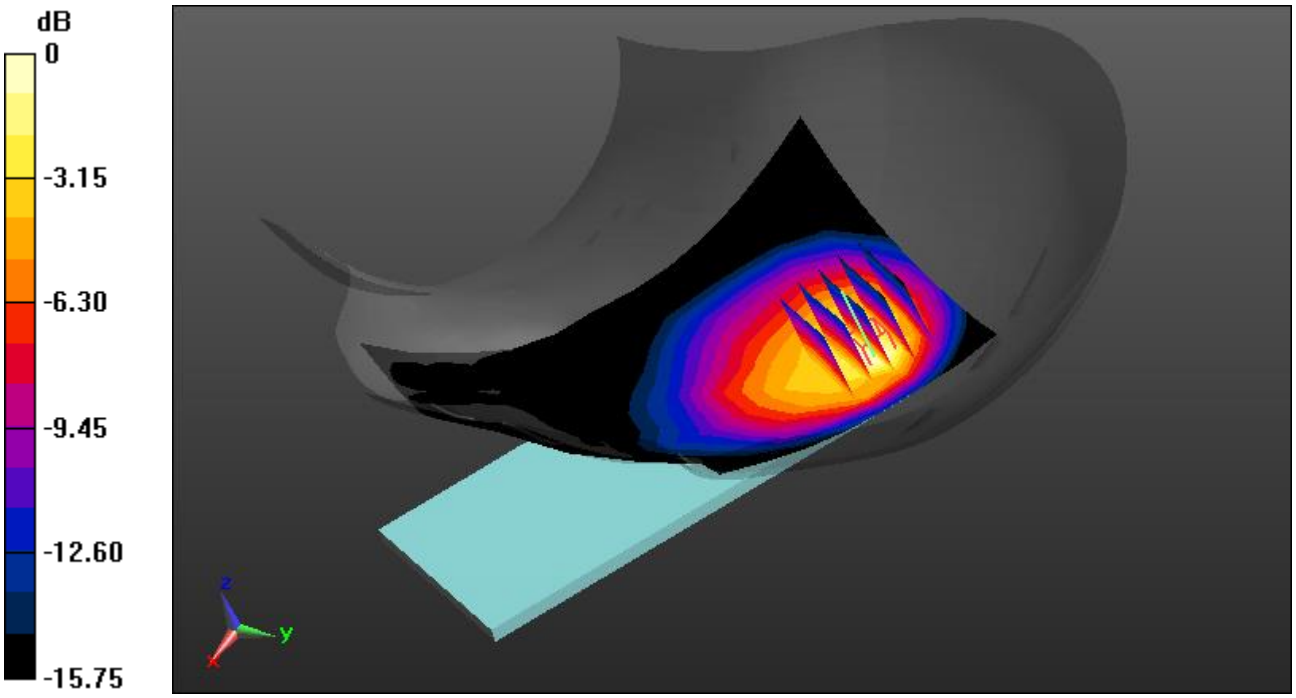
Communication System: UID 0, NR Band n5; Frequency: 836.5 MHz; Duty Cycle: 1:1
Medium: 835 Head; Medium parameters used (interpolated):
f = 836.5 MHz; σ = 0.884 S/m; ε_r = 39.835; ρ = 1000 kg/m^3
Phantom section: Left Section;

Test Date: 10/18/2023; Ambient Temp: 23.6°C; Tissue Temp: 22.2°C

Probe: EX3DV4 - SN7402; ConvF(9.84, 9.84, 9.84) @ 836.5 MHz; Calibrated: 5/10/2023
Sensor-Surface: 1.4mm (Mechanical Surface Detection)
Electronics: DAE4 Sn1502; Calibrated: 6/27/2023
Phantom: Twin-SAM V5.0; Type: QD 000 P40 CD; Serial: 1626
Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7501)

Mode: NR Band n5, Antenna 6, Left Head, Cheek, 20 MHz Bandwidth, CP-OFDM QPSK, Ch. 167300, 1 RB, 1 RB Offset

Area Scan (9x13x1): Measurement grid: dx=15mm, dy=15mm
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 30.40 V/m; Power Drift = 0.05 dB
Peak SAR (extrapolated) = 1.59 W/kg
SAR(1 g) = 0.669 W/kg
Smallest distance from peaks to all points 3 dB below = 9.6 mm
Ratio of SAR at M2 to SAR at M1 = 40.4%



0 dB = 1.20 W/kg = 0.79 dBW/kg

ELEMENT

DUT: A3LSMS928B; Type: Portable Handset; Serial: 0738M

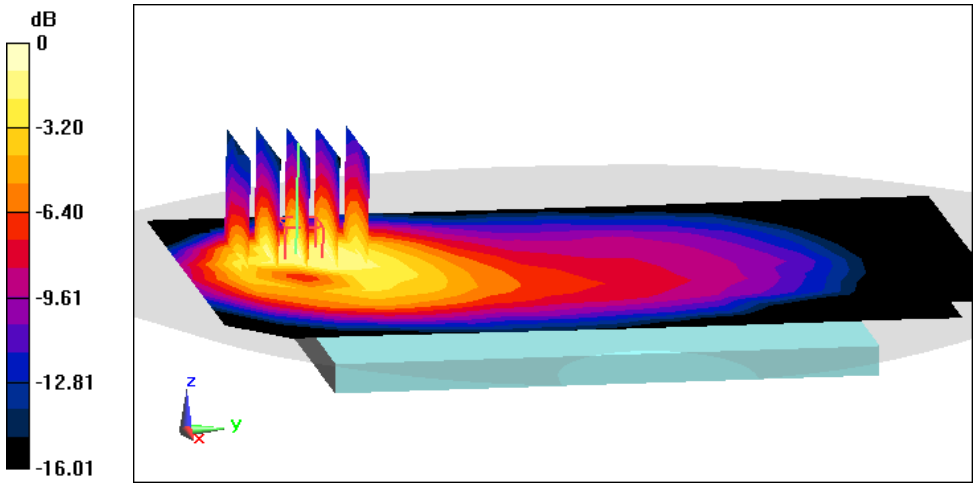
Communication System: UID 0, NR Band n5; Frequency: 836.5 MHz; Duty Cycle: 1:1
Medium: 835 Head; Medium parameters used (interpolated):
f = 836.5 MHz; σ = 0.891 S/m; ε_r = 40.172; ρ = 1000 kg/m^3
Phantom section: Flat Section; Space: 1.0 cm

Test Date: 10/02/2023; Ambient Temp: 22.8°C; Tissue Temp: 21.8°C

Probe: EX3DV4 - SN7637; ConvF(10.23, 10.23, 10.23) @ 836.5 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: NR Band n5, Antenna 0, Body SAR, Back Side, 20 MHz Bandwidth, DFT-s-OFDM QPSK, Ch. 167300, 1 RB, 1 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 = 23.36 V/m; Power Drift = 0.04 dB
Peak SAR (extrapolated) = 0.755 W/kg
SAR(1 g) = 0.430 W/kg
Smallest distance from peaks to all points 3 dB below = 12.8 mm
Ratio of SAR at M2 to SAR at M1 = 57.7%



0 dB = 0.638 W/kg = -1.95 dBW/kg

ELEMENT

DUT: A3LSMS928B; Type: Portable Handset; Serial: 0738M

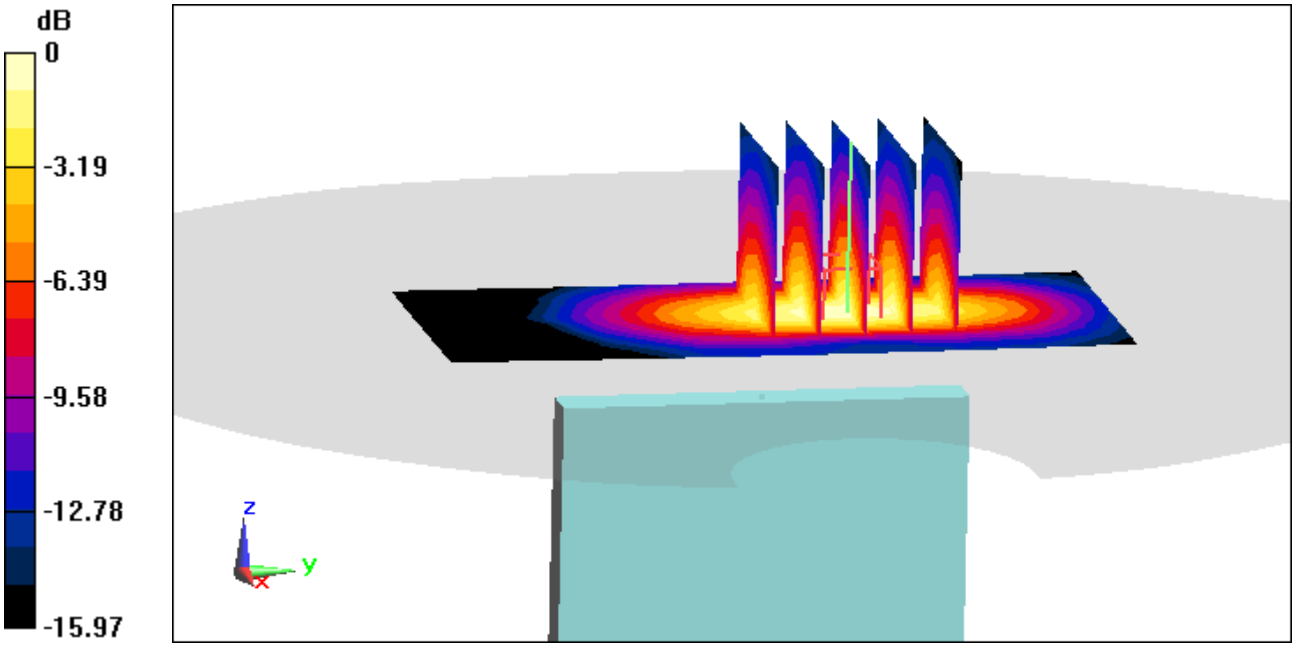
Communication System: UID 0, NR Band n5; Frequency: 836.5 MHz; Duty Cycle: 1:1
Medium: 835 Head; Medium parameters used (interpolated):
f = 836.5 MHz; σ = 0.875 S/m; ε_r = 39.657; ρ = 1000 kg/m^3
Phantom section: Flat Section; Space: 1.0 cm

Test Date: 10/04/2023; Ambient Temp: 20.2°C; Tissue Temp: 19.0°C

Probe: EX3DV4 - SN7637; ConvF(10.23, 10.23, 10.23) @ 836.5 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: NR Band n5, Antenna 6, Body SAR, Top Edge, 20 MHz Bandwidth, DFT-s-OFDM QPSK, Ch. 167300, 50 RB, 28 RB Offset

Area Scan (11x9x1): Measurement grid: dx=5mm, dy=15mm
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 25.29 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 0.942 W/kg
SAR(1 g) = 0.502 W/kg
Smallest distance from peaks to all points 3 dB below = 9.6 mm
Ratio of SAR at M2 to SAR at M1 = 53.6%



0 dB = 0.782 W/kg = -1.07 dBW/kg

ELEMENT

DUT: A3LSMS928B; Type: Portable Handset; Serial: 0737M

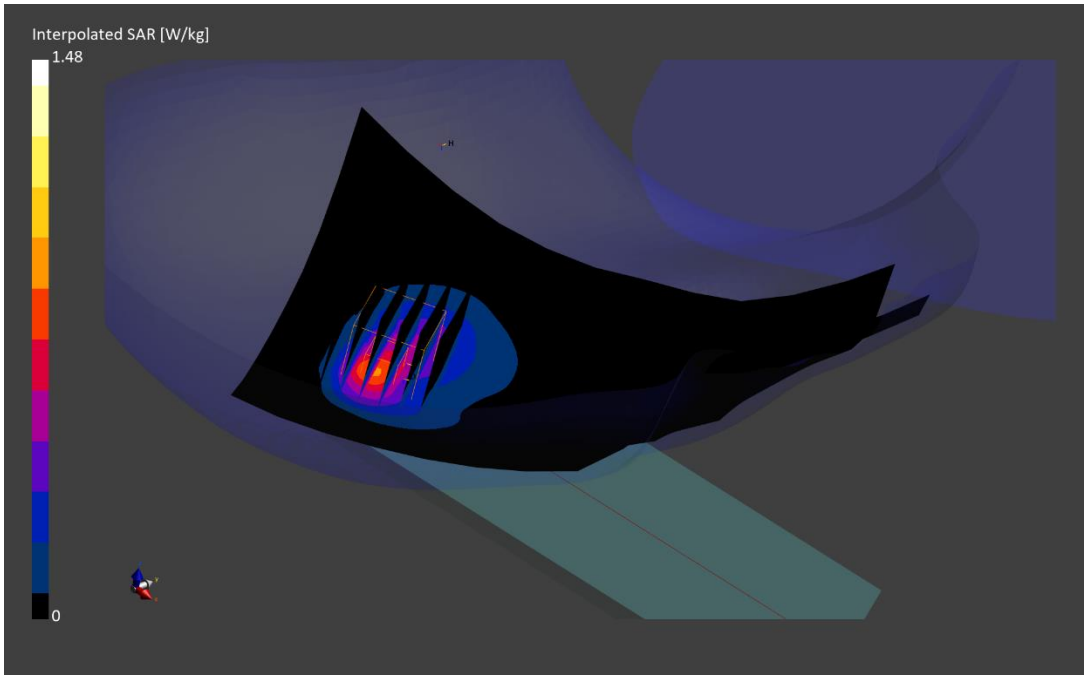
Communication System: UID:10773 - AAD, CW; MAIA: Y; Frequency: 1745.0 MHz
Medium: 1750 Head; Medium parameters used:
f = 1745.0 MHz; cond = 1.38 S/m; perm = 41.5; density = 1000 kg/m3
Phantom Section: RightHead; Space: 0.00 mm

Test Date: 09/18/2023; Ambient Temp: 20.9°C; Tissue Temp: 19.5°C

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

Mode: NR Band n66, Antenna 7, Exp: Head| Right Tilt, Ch. 349000
40 MHz Bandwidth, CP-OFDM QPSK, 1 RB, 1 RB Offset

Area Scan (120.0 x 210.0): Measurement grid: dx=15.0 mm, dy=15.0 mm
Zoom Scan (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 = 0.67 W/kg; Power Drift = 0.09 dB
Peak SAR (extrapolated) = 1.48 W/kg
SAR(1 g) = 0.696 W/kg
Smallest distance from peaks to all points 3 dB below is 7.3 mm
Ratio of SAR at M2 to SAR at M1 = 80.5 %



ELEMENT

DUT: A3LSMS928B; Type: Portable Handset; Serial: 0744M

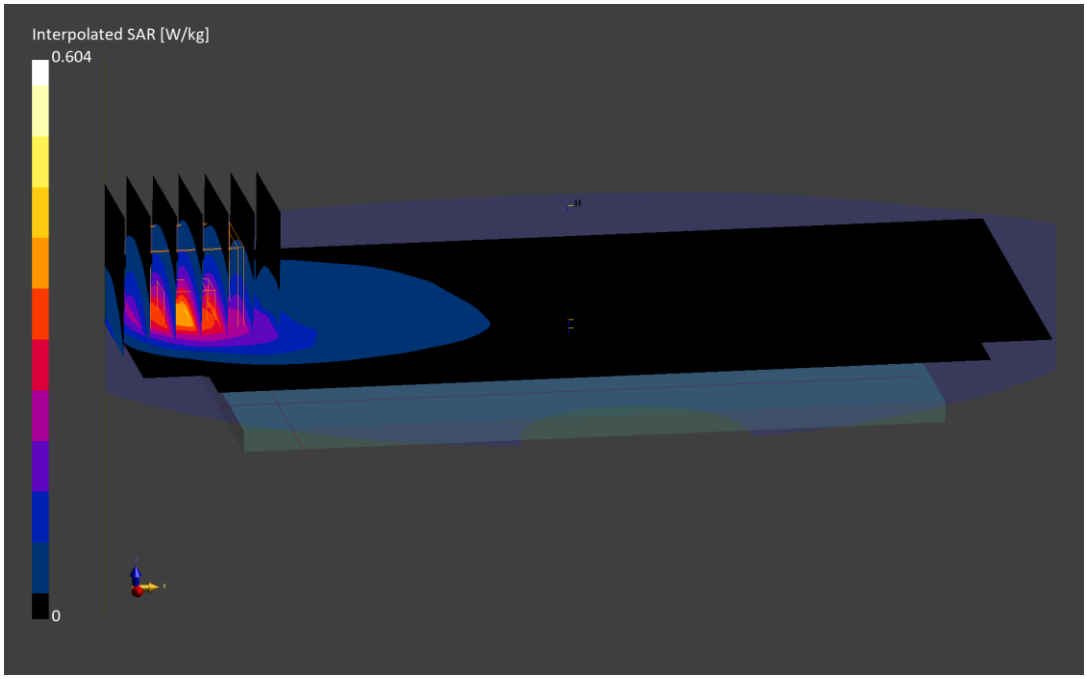
Communication System: UID:10934 - AAC, 5G NR FR1 FDD; MAIA: Y; Frequency: 1745.0 MHz
Medium: 1750 Head; Medium parameters used:
f = 1745.0 MHz; cond = 1.35 S/m; perm = 39.7; density = 1000 kg/m3
Phantom Section: Flat; Space: 10.00 mm

Test Date: 09/27/2023; Ambient Temp: 20.9°C; Tissue Temp: 23.3°C

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

Mode: NR Band n66, Antenna 0, Exp: Body-worn/Hotspot| Back Side, Ch. 349000, 40 MHz Bandwidth, DFT-s-OFDM QPSK, 1 RB, 1 RB Offset

Area Scan (120.0 x 210.0): Measurement grid: dx=15.0 mm, dy=15.0 mm
Zoom Scan (36.0 x 36.0 x 30.0): Measurement grid: dx=6.0 mm, dy=6.0 mm, dz=1.5 mm; Graded Ratio: 1.5
Reference Value = 0.34 W/kg; Power Drift = -0.02 dB
Peak SAR (extrapolated) = 0.604 W/kg
SAR(1 g) = 0.345 W/kg;
Smallest distance from peaks to all points 3 dB below is 10.8 mm
Ratio of SAR at M2 to SAR at M1 = 84.2 %



ELEMENT

DUT: A3LSMS928B; Type: Portable Handset; Serial: 0744M

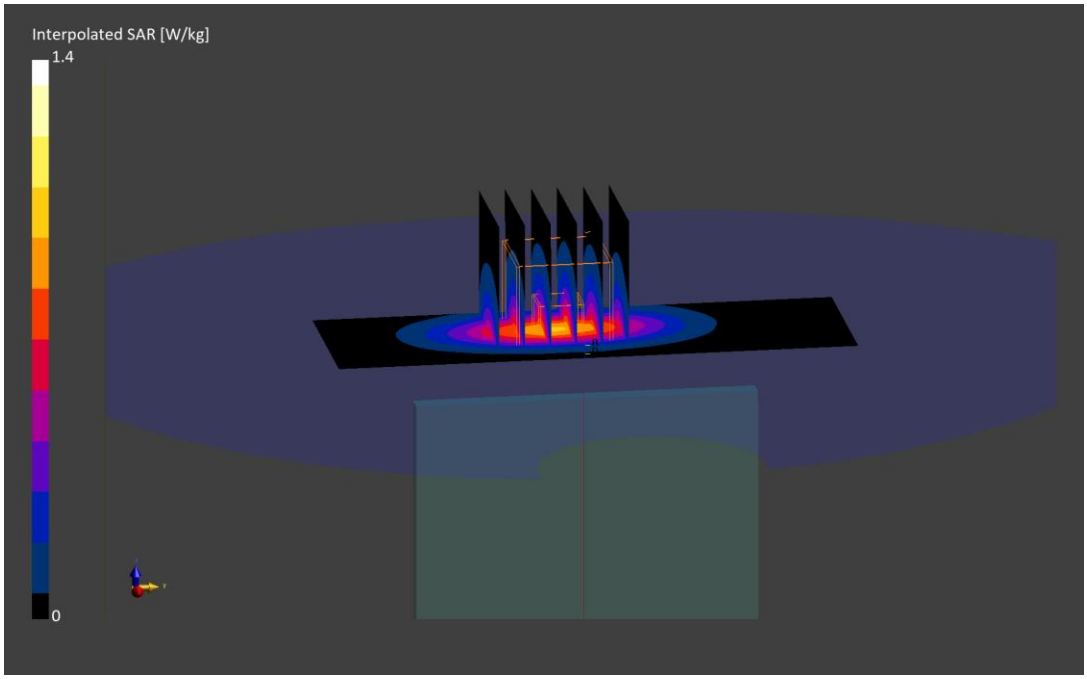
Communication System: UID:10934 - AAC, 5G NR FR1 FDD; MAIA: Y; Frequency: 1745.0 MHz
Medium: 1750 Head; Medium parameters used:
f = 1745.0 MHz; cond = 1.35 S/m; perm = 39.7; density = 1000 kg/m3
Phantom Section: Flat; Space: 10.00 mm

Test Date: 09/27/2023; Ambient Temp: 20.9°C; Tissue Temp: 23.3°C

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

Mode: NR Band n66, Antenna 0, Exp: Hotspot| Bottom Edge, Ch. 349000, 40 MHz Bandwidth, DFT-s-OFDM QPSK, 1 RB, 1 RB Offset

Area Scan (40.0 x 120.0): Measurement grid: dx=5.0 mm, dy=15.0 mm
Zoom Scan (30.0 x 30.0 x 30.0): Measurement grid: dx=6.0 mm, dy=6.0 mm, dz=1.5 mm; Graded Ratio: 1.5
Reference Value = 0.71 W/kg; Power Drift = 0.00 dB
Peak SAR (extrapolated) = 1.40 W/kg
SAR(1 g) = 0.755 W/kg;
Smallest distance from peaks to all points 3 dB below is 10.8 mm
Ratio of SAR at M2 to SAR at M1 = 82.0 %



ELEMENT

DUT: A3LSMS928B; Type: Portable Handset; Serial: 0737M

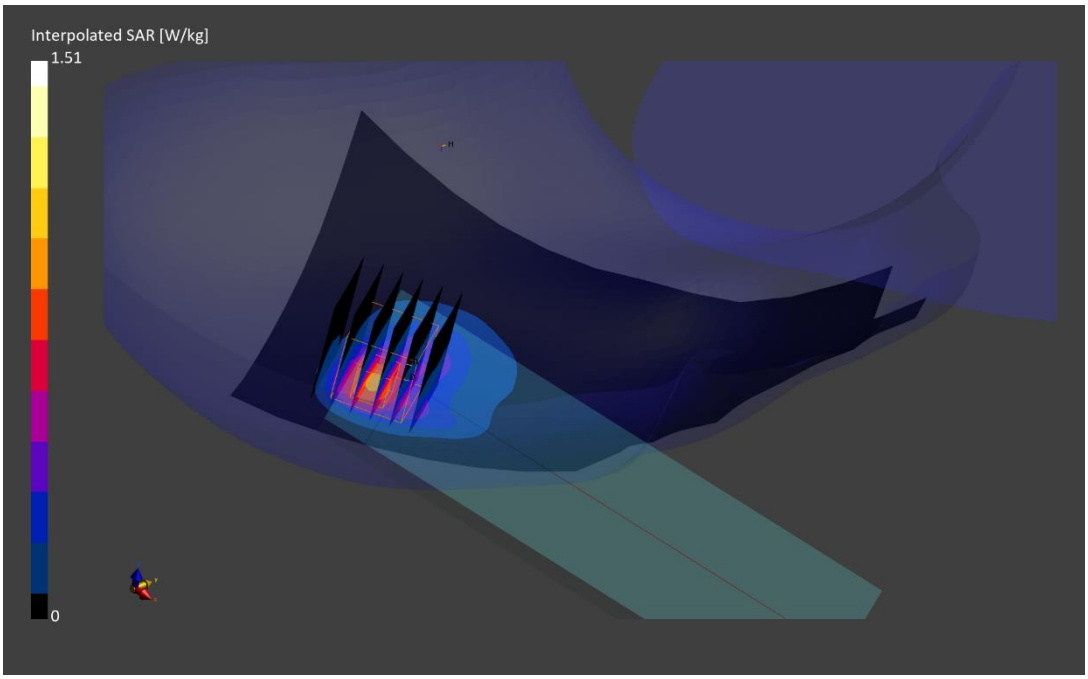
Communication System: UID:10773 - AAD, CW; MAIA: Y; Frequency: 1882.5 MHz
Medium: 1900 Head; Medium parameters used:
f = 1882.5 MHz; cond = 1.41 S/m; perm = 40.7; density = 1000 kg/m3
Phantom Section: RightHead; Space: 0.00 mm

Test Date: 09/15/2023; Ambient Temp: 22.6°C; Tissue Temp: 21.3°C

Probe: EX3DV4 - SN7659; ConvF:(9.09,9.09,9.09); Calibrated: 2023-04-14
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1407; Calibrated: 2023-04-14
Phantom: Twin-SAM V5.0; Serial: 1792
Measurement SW: DASY Module SAR V16.2.0.1425

Mode: NR Band n25, Antenna 7, Right 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 = 0.67 W/kg; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 1.51 W/kg
SAR(1 g) = 0.743 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 = 84.1 %



ELEMENT

DUT: A3LSMS928B; Type: Portable Handset; Serial: 0737M

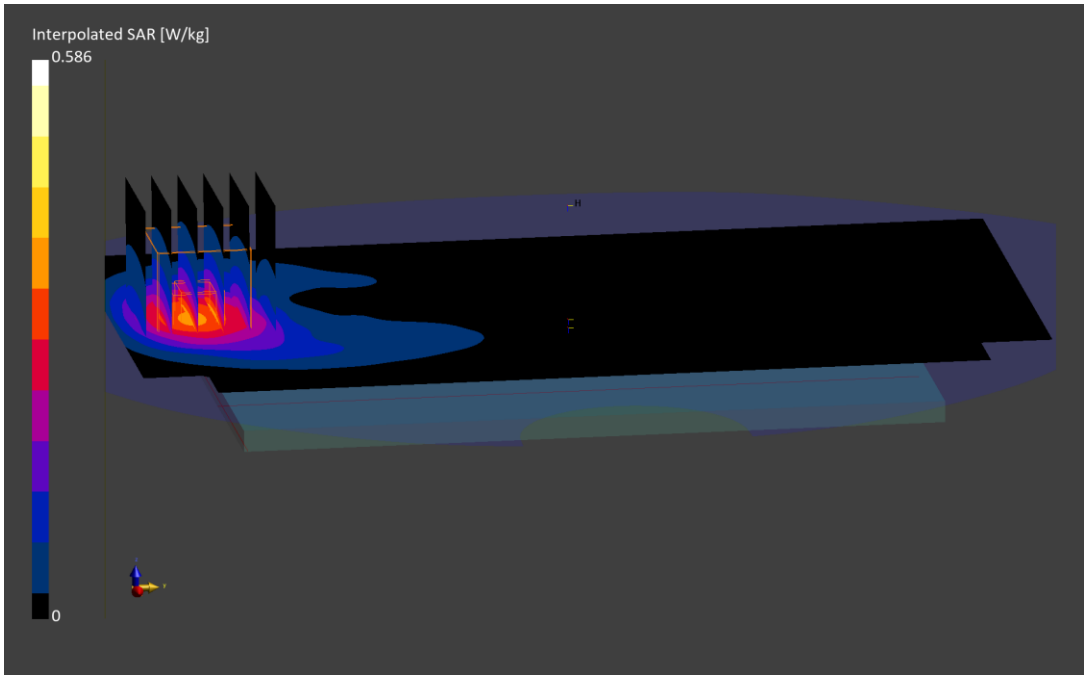
Communication System: UID:10934 - AAC, 5G NR FR1 FDD; MAIA: Y; Frequency: 1882.5 MHz
Medium: 1900 Head; Medium parameters used:
f = 1882.5 MHz; cond = 1.42 S/m; perm = 40.9; density = 1000 kg/m3
Phantom Section: Flat; Space: 10.00 mm

Test Date: 09/22/2023; Ambient Temp: 21.6°C; Tissue Temp: 21.3°C

Probe: EX3DV4 - SN7659; ConvF:(9.09,9.09,9.09); Calibrated: 2023-04-14
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1407; Calibrated: 2023-04-14
Phantom: Twin-SAM V5.0; Serial: 1792
Measurement SW: DASY Module SAR V16.2.0.1425

Mode: NR Band n25, Antenna 0, Exp: Body-worn/Hotspot| Back Side, Ch. 376500, 40 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 = 0.34 W/kg; Power Drift = 0.08 dB
Peak SAR (extrapolated) = 0.586 W/kg
SAR(1 g) = 0.333 W/kg;
Smallest distance from peaks to all points 3 dB below is 10.9 mm
Ratio of SAR at M2 to SAR at M1 = 82.9 %



ELEMENT

DUT: A3LSMS928B; Type: Portable Handset; Serial: 0737M

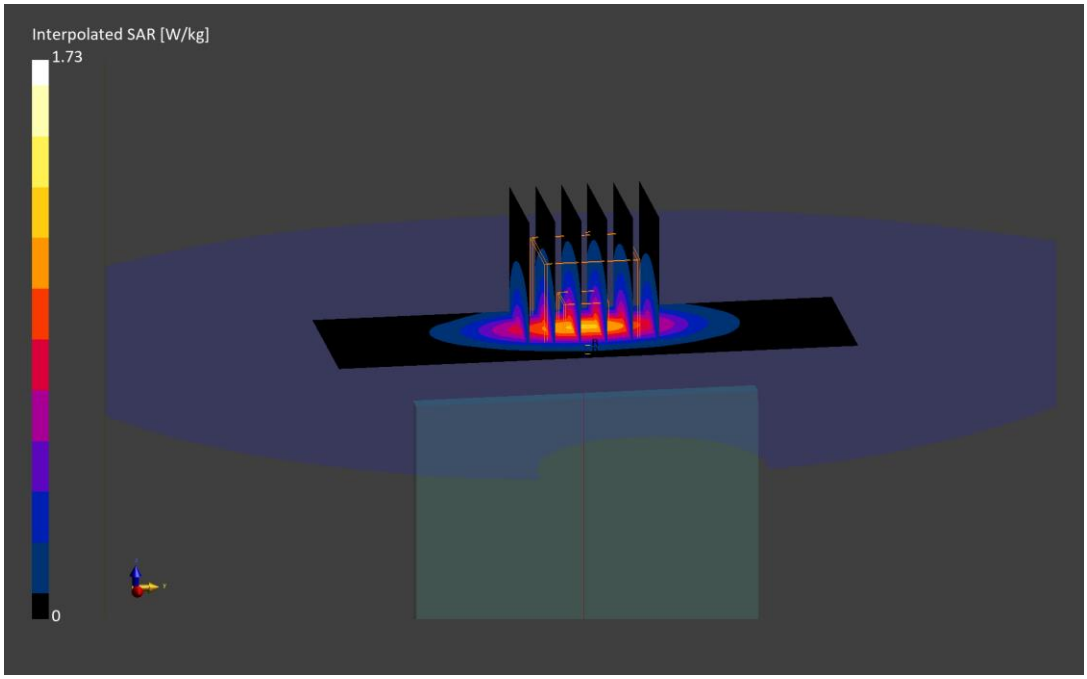
Communication System: UID:10773 - AAD, CW; MAIA: Y; Frequency: 1882.5 MHz
Medium: 1900 Head; Medium parameters used:
f = 1882.5 MHz; cond = 1.42 S/m; perm = 40.9; density = 1000 kg/m3
Phantom Section: Flat; Space: 10.00 mm

Test Date: 09/22/2023; Ambient Temp: 21.6°C; Tissue Temp: 21.3°C

Probe: EX3DV4 - SN7659; ConvF:(9.09,9.09,9.09); Calibrated: 2023-04-14
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1407; Calibrated: 2023-04-14
Phantom: Twin-SAM V5.0; Serial: 1792
Measurement SW: DASY Module SAR V16.2.0.1425

Mode: NR Band n25, Antenna 0, Exp: Hotspot| Bottom Edge, Ch. 376500, 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=6.0 mm, dy=6.0 mm, dz=1.5 mm; Graded Ratio: 1.5
Reference Value = 0.95 W/kg; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 1.73 W/kg
SAR(1 g) = 0.937 W/kg;
Smallest distance from peaks to all points 3 dB below is 10.8 mm
Ratio of SAR at M2 to SAR at M1 = 81.5 %



ELEMENT

DUT: A3LSMS928B; Type: Portable Handset; Serial: 1062M

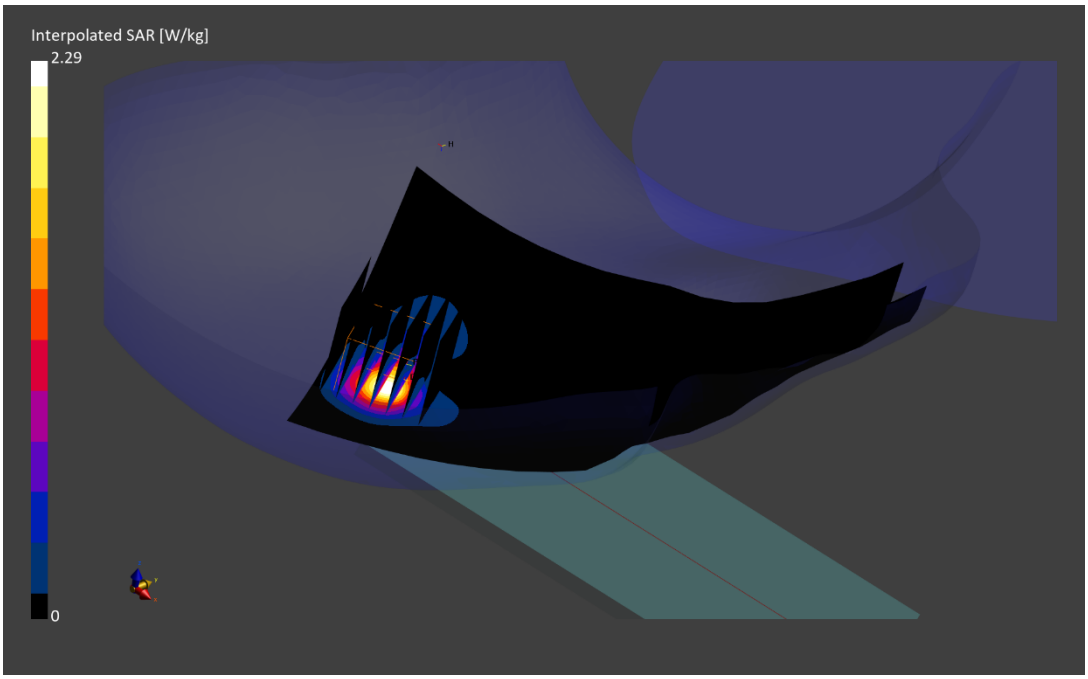
Communication System: UID:10803 - AAD, 5G NR FR1 TDD; MAIA: Y; Frequency: 2593.0 MHz
Medium: 2450 Head; Medium parameters used:
f = 2593.0 MHz; cond = 1.93 S/m; perm = 38.1; density = 1000 kg/m3
Phantom Section: RightHead; Space: 0.00 mm

Test Date: 10/11/2023; Ambient Temp: 20.3°C; Tissue Temp: 20.7°C

Probe: EX3DV4 - SN7565; ConvF:(6.89,6.89,6.89); Calibrated: 2023-01-12
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1466; Calibrated: 2023-01-20
Phantom: Twin-SAM V8.0; Serial: 1937
Measurement SW: DASY Module SAR V16.2.0.1425

Mode: NR Band n41, Antenna 7, Exp: Head| Right Tilt, Ch. 518598, 100 MHz Bandwidth, CP-OFDM QPSK, 1 RB, 1 RB Offset

Area Scan (120.0 x 200.0): Measurement grid: dx=10.0 mm, dy=10.0 mm
Zoom Scan (30.0 x 30.0 x 30.0): Measurement grid: dx=5.0 mm, dy=5.0 mm, dz=1.5 mm; Graded Ratio: 1.5
Reference Value = 0.72 W/kg; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 2.29 W/kg
SAR(1 g) = 0.914 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: A3LSMS928B; Type: Portable Handset; Serial: 1062M

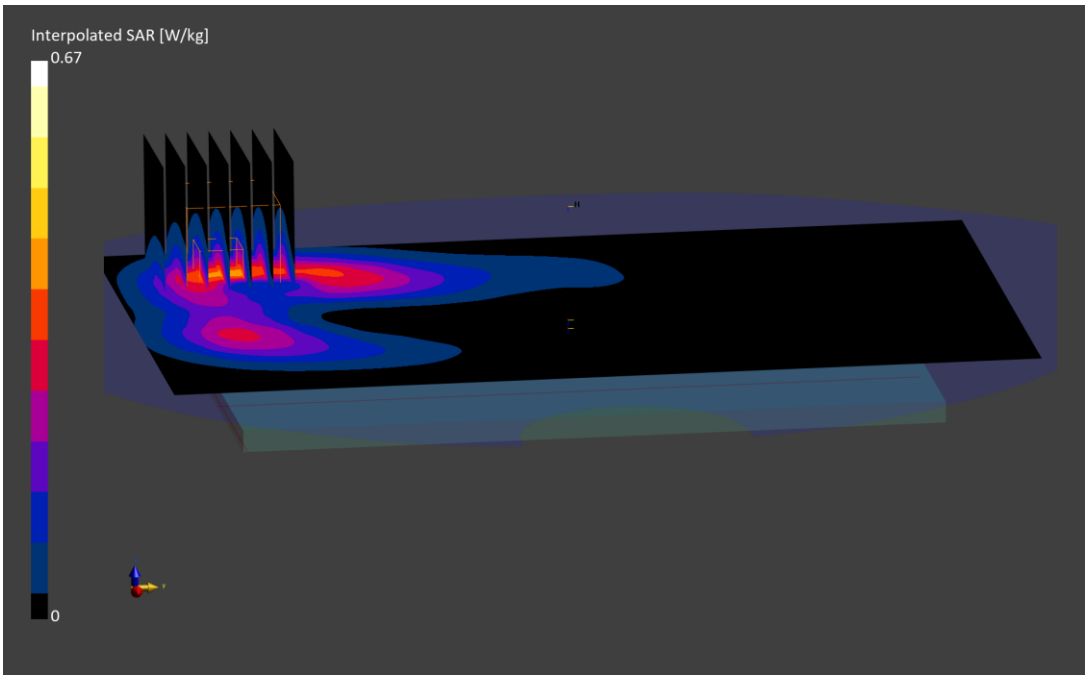
Communication System: UID:0 - -, CW; MAIA: Y; Frequency: 2593.0 MHz
Medium: 2450 Head; Medium parameters used:
f = 2593.0 MHz; cond = 1.93 S/m; perm = 38.1; density = 1000 kg/m3
Phantom Section: Flat; Space: 10.00 mm

Test Date: 10/11/2023; Ambient Temp: 20.3°C; Tissue Temp: 20.7°C

Probe: EX3DV4 - SN7565; ConvF:(6.89,6.89,6.89); Calibrated: 2023-01-12
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1466; Calibrated: 2023-01-20
Phantom: Twin-SAM V8.0; Serial: 1937
Measurement SW: DASY Module SAR V16.2.0.1425

Mode: NR Band n41, Antenna 1, Exp: Body-worn/Hotspot| Back Side, Ch. 518598, 100 MHz Bandwidth, CW/SRS

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 = 0.28 W/kg; Power Drift = 0.08 dB
Peak SAR (extrapolated) = 0.670 W/kg
SAR(1 g) = 0.332 W/kg;
Smallest distance from peaks to all points 3 dB below is 8.6 mm
Ratio of SAR at M2 to SAR at M1 = 80.2 %



ELEMENT

DUT: A3LSMS928B; Type: Portable Handset; Serial: 1062M

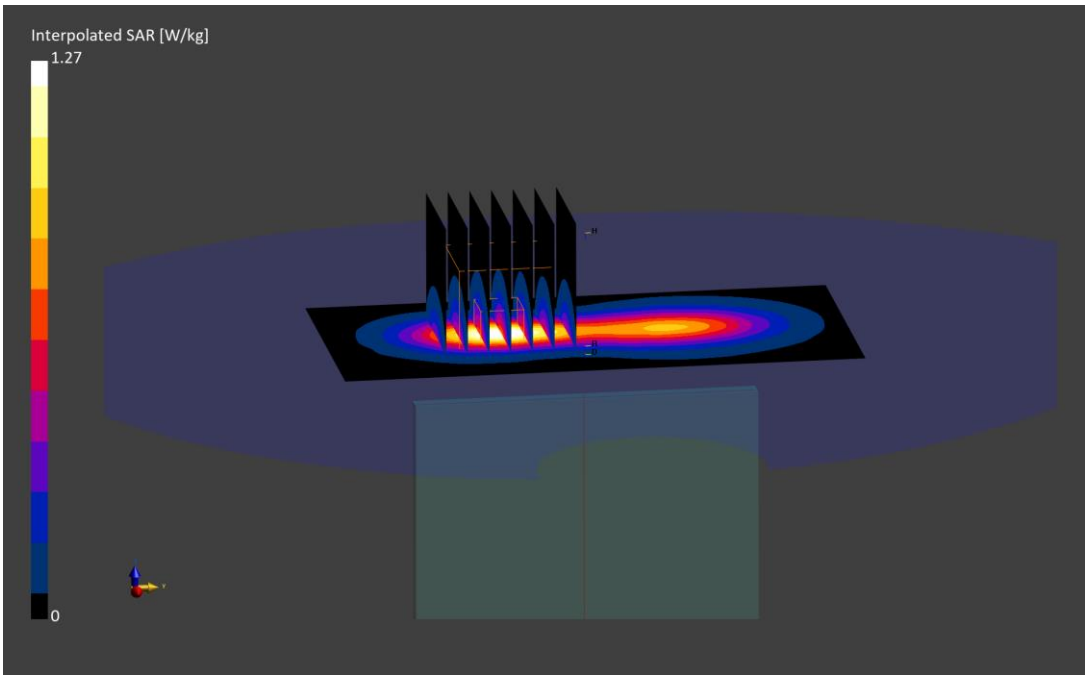
Communication System: UID:10803 - AAD, 5G NR FR1 TDD; MAIA: Y; Frequency: 2593.0 MHz
Medium: 2450 Head; Medium parameters used:
f = 2593.0 MHz; cond = 1.93 S/m; perm = 38.1; density = 1000 kg/m3
Phantom Section: Flat; Space: 10.00 mm

Test Date: 10/11/2023; Ambient Temp: 20.3°C; Tissue Temp: 20.7°C

Probe: EX3DV4 - SN7565; ConvF:(6.89,6.89,6.89); Calibrated: 2023-01-12
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1466; Calibrated: 2023-01-20
Phantom: Twin-SAM V8.0; Serial: 1937
Measurement SW: DASY Module SAR V16.2.0.1425

Mode: NR Band n41, Antenna 7, Exp: Hotspot| Top Edge, Ch. 518598, 100 MHz Bandwidth, CP-OFDM QPSK, 1 RB, 1 RB Offset

Area Scan (60.0 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 = 0.55 W/kg; Power Drift = 0.00 dB
Peak SAR (extrapolated) = 1.27 W/kg
SAR(1 g) = 0.619 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 = 79.3 %



ELEMENT

DUT: A3LSMS928B; Type: Portable Handset; Serial: 1140M

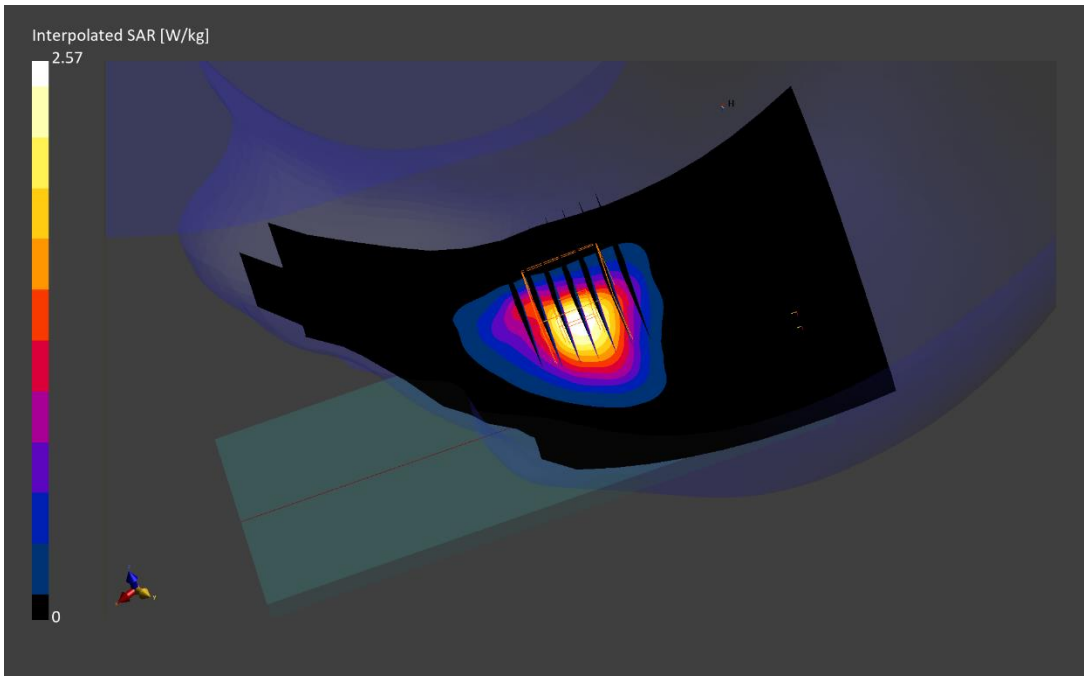
Communication System: UID:0 - -, CW; MAIA: Y; Frequency: 3750.0 MHz
Medium: 3600 Head; Medium parameters used:
f = 3750.0 MHz; cond = 3.13 S/m; perm = 36.8; density = 1000 kg/m3
Phantom Section: LeftHead; Space: 0.00 mm

Test Date: 10/25/2023; Ambient Temp: 23.0°C; Tissue Temp: 21.1°C

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

Mode: NR Band n77, Antenna 10, Exp: Head| Left Cheek, Ch. 650000, 100 MHz Bandwidth, CW/SRS

Area Scan (120.0 x 200.0): Measurement grid: dx=10.0 mm, dy=10.0 mm
Zoom Scan (28.0 x 28.0 x 28.0): Measurement grid: dx=5.0 mm, dy=5.0 mm, dz=1.4 mm; Graded Ratio: 1.5
Reference Value = 0.94 W/kg; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 2.57 W/kg
SAR(1 g) = 1.09 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 = 79.1 %



ELEMENT

DUT: A3LSMS928B; Type: Portable Handset; Serial: 1140M

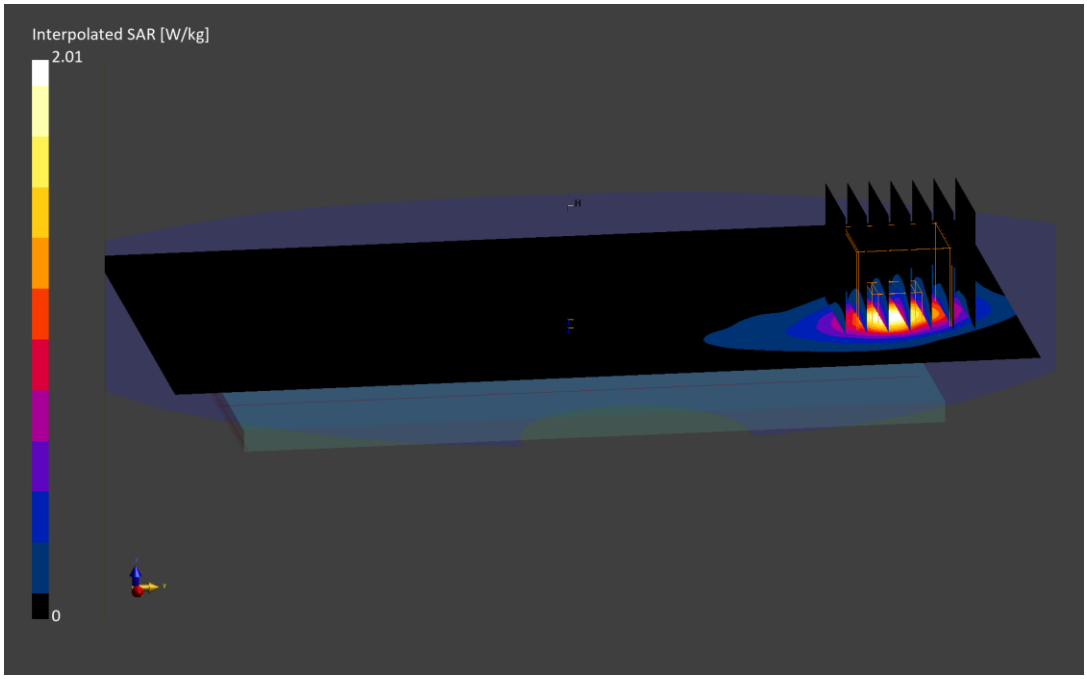
Communication System: UID:10917 - AAB, 5G NR FR1 TDD; MAIA: Y; Frequency: 3930.0 MHz
Medium: 3600 Head; Medium parameters used:
f = 3930.0 MHz; cond = 3.24 S/m; perm = 37.9; density = 1000 kg/m3
Phantom Section: Flat; Space: 10.00 mm

Test Date: 10/16/2023; Ambient Temp: 21.1°C; Tissue Temp: 20.3°C

Probe: EX3DV4 - SN7638; ConvF:(6.92,6.92,6.92); Calibrated: 2023-03-16
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1408; Calibrated: 2023-03-13
Phantom: Twin-SAM V8.0; Serial: 1357
Measurement SW: DASY Module SAR V16.2.0.1425

Mode: NR Band n77, Antenna 7, Exp: Body-worn/Hotspot| Back Side, Ch. 662000, 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 (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 = 1.27 W/kg; Power Drift = -0.02 dB
Peak SAR (extrapolated) = 2.01 W/kg
SAR(1 g) = 0.751 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 = 72.4 %



ELEMENT

DUT: A3LSMS928B; Type: Portable Handset; Serial: 1110M

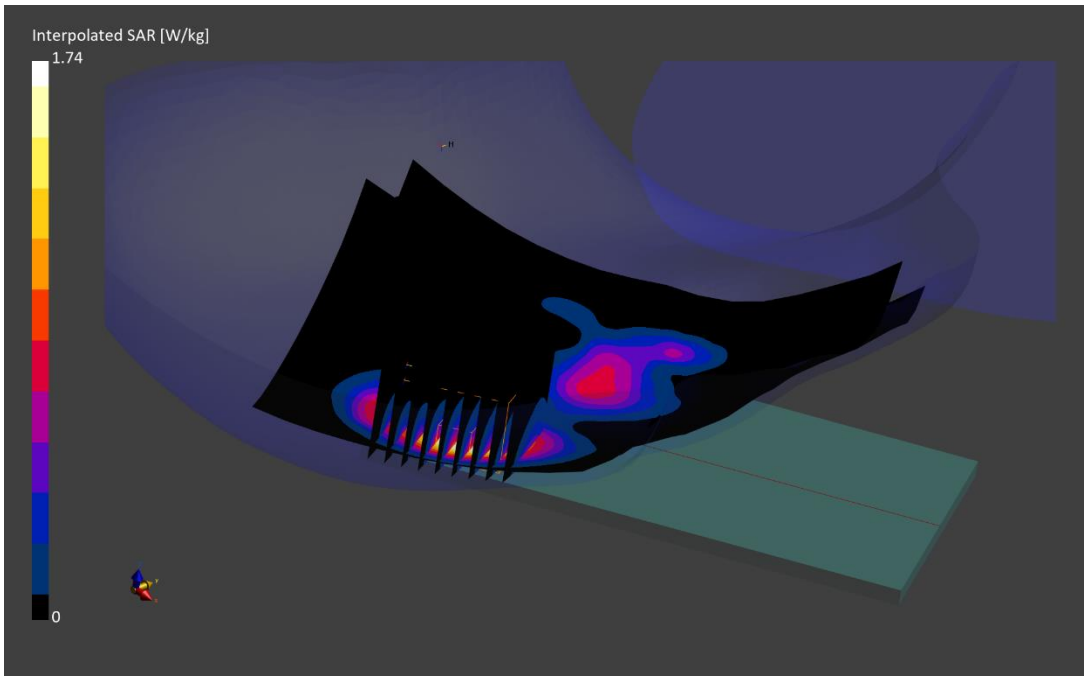
Communication System: UID:10415 - AAA, WLAN; MAIA: Y; Frequency: 2462.0 MHz
Medium: 2450 Head; Medium parameters used:
f = 2462.0 MHz; cond = 1.85 S/m; perm = 38.0; density = 1000 kg/m3
Phantom Section: RightHead; Space: 0.00 mm

Test Date: 10/02/2023; Ambient Temp: 22.7°C; Tissue Temp: 21.7°C

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

Mode: 2.4 GHz WIFI/ IEEE 802.11b, Antenna MIMO, 20 MHz Bandwidth, Exp: Head| Right Cheek, Ch. 11, 6.5Mbps

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 = 0.66 W/kg; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 1.74 W/kg
SAR(1 g) = 0.779 W/kg;
Smallest distance from peaks to all points 3 dB below is 7.2 mm
Ratio of SAR at M2 to SAR at M1 = 78.1 %



ELEMENT

DUT: A3LSMS928B; Type: Portable Handset; Serial: 1110M

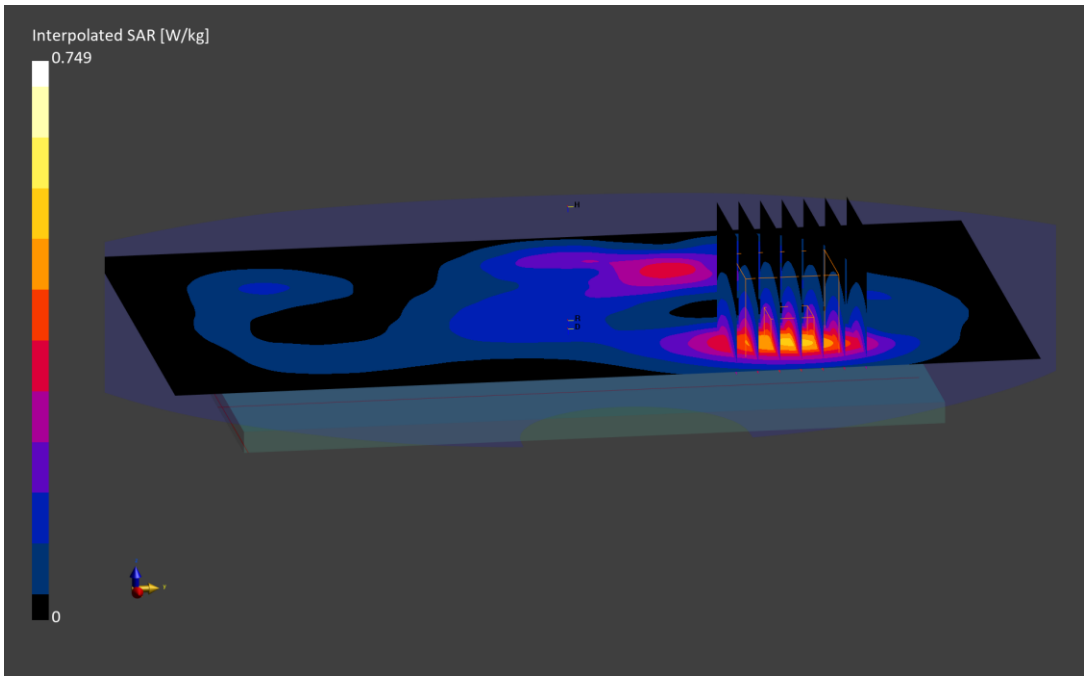
Communication System: UID:10415 - AAA, WLAN; MAIA: Y; Frequency: 2412.0 MHz
Medium: 2450 Head; Medium parameters used:
f = 2412.0 MHz; cond = 1.81 S/m; perm = 38.0; density = 1000 kg/m3
Phantom Section: Flat; Space: 10.00 mm

Test Date: 10/02/2023; Ambient Temp: 22.7°C; Tissue Temp: 21.7°C

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

Mode: 2.4 GHz WIFI/ IEEE 802.11b, Antenna MIMO, 20 MHz Bandwidth, Exp: Body-worn/Hotspot| Back Side, Ch. 1, 6.5Mbps

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) = 0.749 W/kg
SAR(1 g) = 0.419 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 = 82.9 %



ELEMENT

DUT: A3LSMS928B; Type: Portable Handset; Serial: 1110M

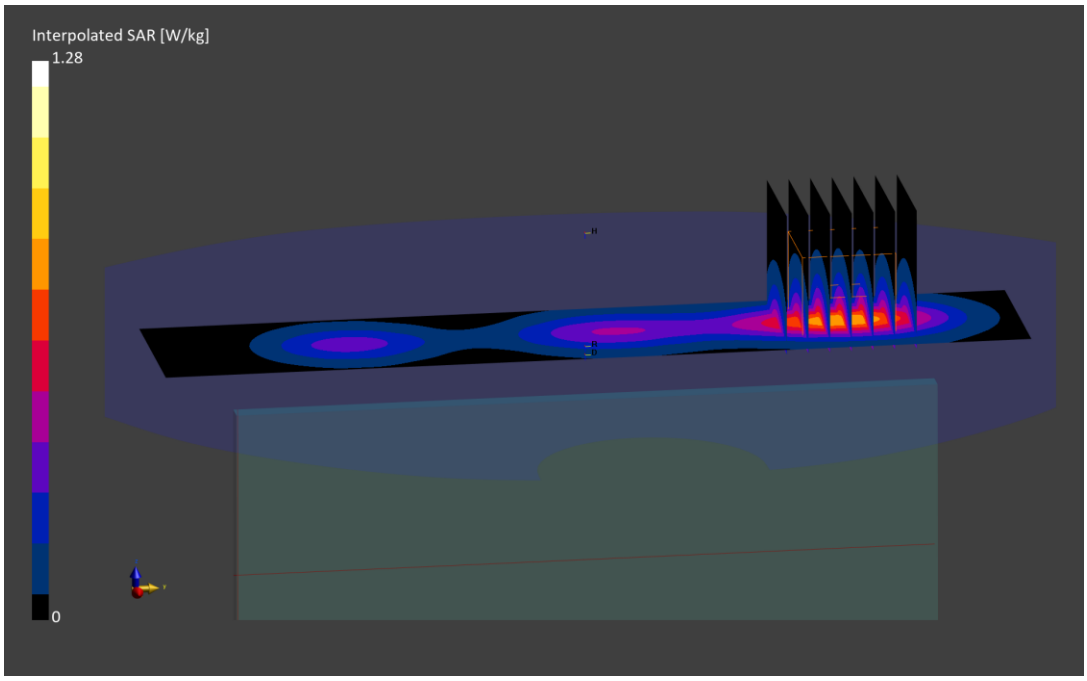
Communication System: UID:10415 - AAA, WLAN; MAIA: Y; Frequency: 2462.0 MHz
Medium: 2450 Head; Medium parameters used:
f = 2462.0 MHz; cond = 1.85 S/m; perm = 38.0; density = 1000 kg/m3
Phantom Section: Flat; Space: 10.00 mm

Test Date: 10/02/2023; Ambient Temp: 22.7°C; Tissue Temp: 21.7°C

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

Mode: 2.4 GHz WIFI/ IEEE 802.11b, Antenna MIMO, 20 MHz Bandwidth, Exp: Hotspot| Left Edge, Ch. 11, 6.5Mbps

Area Scan (40.0 x 200.0): Measurement grid: dx=5.0 mm, dy=10.0 mm
Zoom Scan (30.0 x 30.0 x 30.0): Measurement grid: dx=5.0 mm, dy=5.0 mm, dz=1.5 mm; Graded Ratio: 1.5
Reference Value = 0.63 W/kg; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 1.28 W/kg
SAR(1 g) = 0.656 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 = 80.3 %



ELEMENT

DUT: A3LSMS928B; Type: Portable Handset; Serial: 1110M

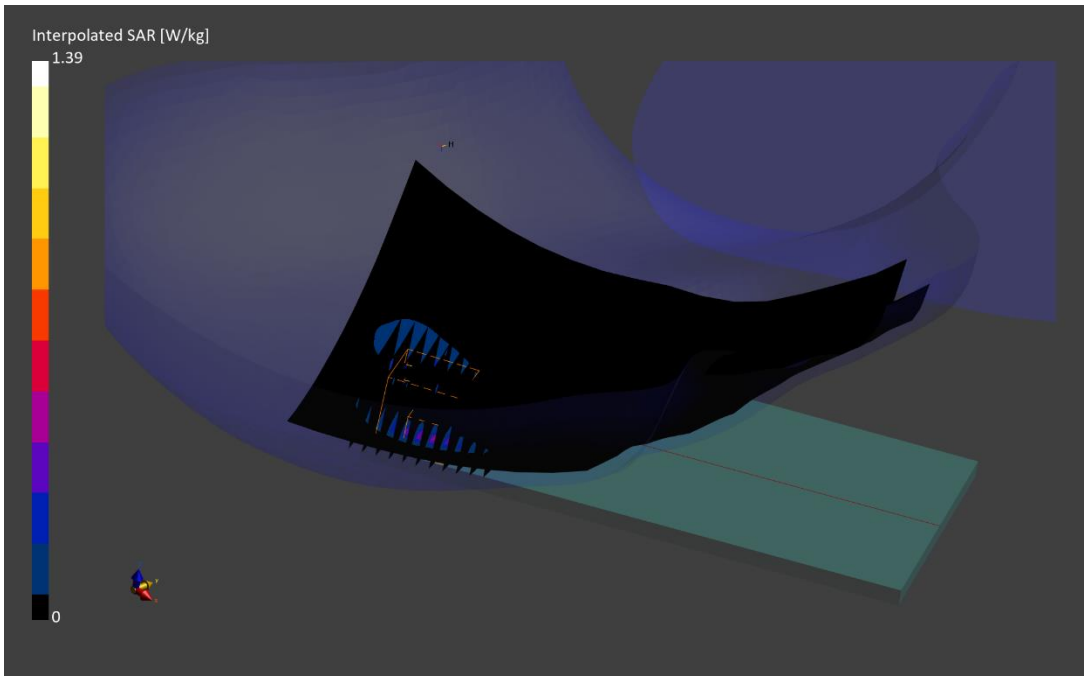
Communication System: UID:10626 - AAC, WLAN; MAIA: Y; Frequency: 5290.0 MHz
Medium: 5200-5800 Head; Medium parameters used:
f = 5290.0 MHz; cond = 4.64 S/m; perm = 35.5; density = 1000 kg/m3
Phantom Section: RightHead; Space: 0.00 mm

Test Date: 10/18/2023; Ambient Temp: 19.8°C; Tissue Temp: 19.1°C

Probe: EX3DV4 - SN7417; ConvF:(5.61,5.61,5.61); Calibrated: 2023-02-08
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn665; Calibrated: 2023-02-15
Phantom: Twin-SAM V5.0; Serial: 1757
Measurement SW: DASY Module SAR V16.2.0.1425

Mode: 5 GHz WIFI/ IEEE 802.11ac, Antenna MIMO, 80 MHz Bandwidth, U-NII-2A, Exp: Head| Right Cheek, Ch. 58, 58.5 Mbps

Area Scan (120.0 x 200.0): Measurement grid: dx=10.0 mm, dy=10.0 mm
Zoom Scan (24.0 x 24.0 x 22.0): Measurement grid: dx=4.0 mm, dy=4.0 mm, dz=1.4 mm; Graded Ratio: 1.4
Reference Value = 0.29 W/kg; Power Drift = 0.04 dB
Peak SAR (extrapolated) = 1.39 W/kg
SAR(1 g) = 0.315 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 = 65.9 %



ELEMENT

DUT: A3LSMS928B; Type: Portable Handset; Serial: 0735M

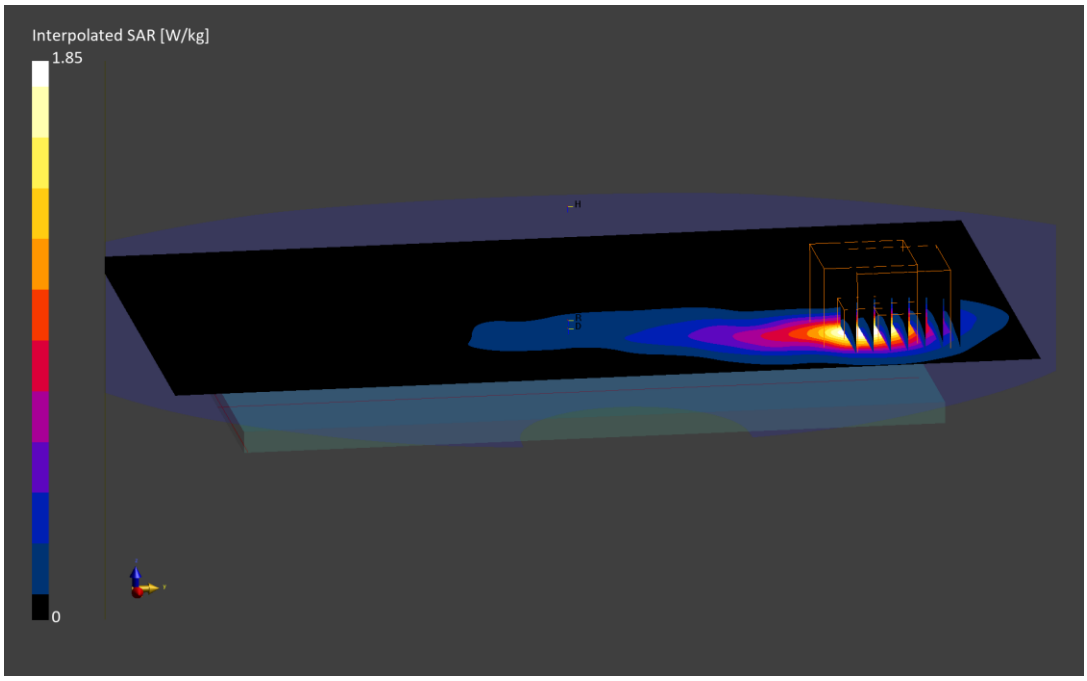
Communication System: UID:10317 - AAD, WLAN; MAIA: Y; Frequency: 5500.0 MHz
Medium: 5200-5800 Head; Medium parameters used:
f = 5500.0 MHz; cond = 4.88 S/m; perm = 35.4; density = 1000 kg/m3
Phantom Section: Flat; Space: 10.00 mm

Test Date: 10/23/2023; Ambient Temp: 20.9°C; Tissue Temp: 19.9°C

Probe: EX3DV4 - SN7570; ConvF:(4.84,4.84,4.84); Calibrated: 2023-01-11
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1558; Calibrated: 2023-01-17
Phantom: Twin-SAM V8.0; Serial: 2060
Measurement SW: DASY Module SAR V16.2.0.1425

Mode: 5 GHz WIFI/ IEEE 802.11a, Antenna 9, 20 MHz Bandwidth, U-NII-2C, Exp: Body-worn| Back Side, Ch. 100, 6.5 Mbps

Area Scan (120.0 x 200.0): Measurement grid: dx=10.0 mm, dy=10.0 mm
Zoom Scan (22.0 x 22.0 x 22.0): Measurement grid: dx=4.0 mm, dy=4.0 mm, dz=1.4 mm; Graded Ratio: 1.4
Reference Value = 0.38 W/kg; Power Drift = -0.02 dB
Peak SAR (extrapolated) = 1.85 W/kg
SAR(1 g) = 0.521 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 = 62.7 %



ELEMENT

DUT: A3LSMS928B; Type: Portable Handset; Serial: 0735M

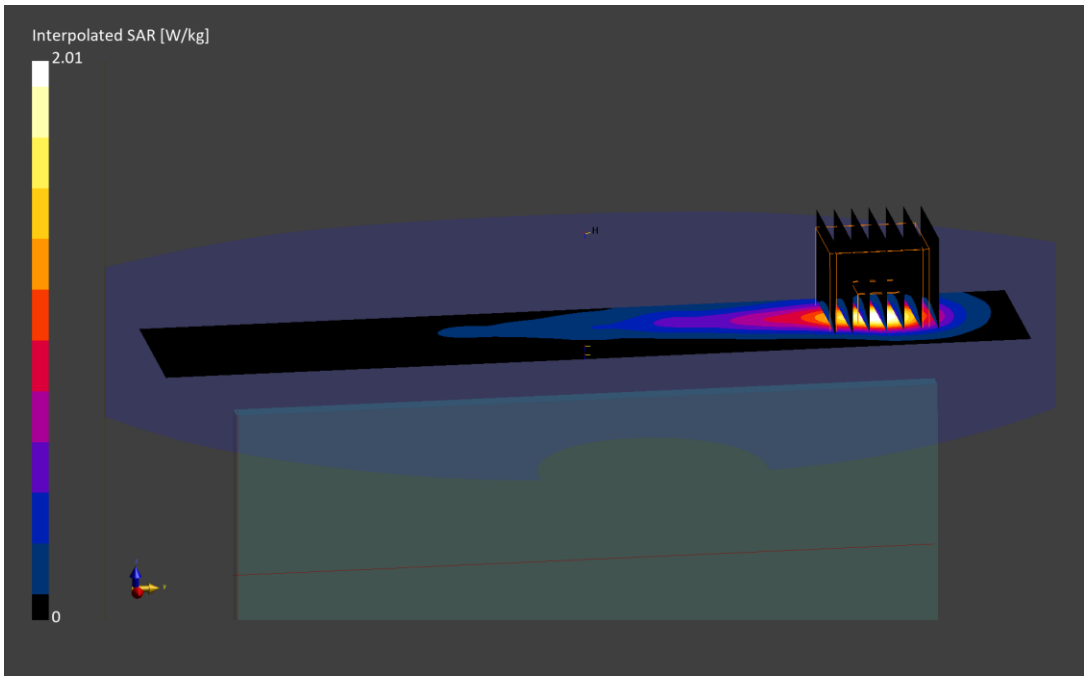
Communication System: UID:10317 - AAD, WLAN; MAIA: Y; Frequency: 5825.0 MHz
Medium: 5200-5800 Head; Medium parameters used:
f = 5825.0 MHz; cond = 5.29 S/m; perm = 34.9; density = 1000 kg/m3
Phantom Section: Flat; Space: 10.00 mm

Test Date: 10/23/2023; Ambient Temp: 20.9°C; Tissue Temp: 19.9°C

Probe: EX3DV4 - SN7570; ConvF:(4.78,4.78,4.78); Calibrated: 2023-01-11
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1558; Calibrated: 2023-01-17
Phantom: Twin-SAM V8.0; Serial: 2060
Measurement SW: DASY Module SAR V16.2.0.1425

Mode: 5 GHz WIFI/ IEEE 802.11a, Antenna 9, 20 MHz Bandwidth, U-NII-3, Exp: Hotspot| Left Edge, Ch. 165, 6.5 Mbps

Area Scan (40.0 x 200.0): Measurement grid: dx=5.0 mm, dy=10.0 mm
Zoom Scan (22.0 x 22.0 x 22.0): Measurement grid: dx=4.0 mm, dy=4.0 mm, dz=1.4 mm; Graded Ratio: 1.4
Reference Value = 0.29 W/kg; Power Drift = 0.07 dB
Peak SAR (extrapolated) = 2.01 W/kg
SAR(1 g) = 0.510 W/kg;
Smallest distance from peaks to all points 3 dB below is 8.8 mm
Ratio of SAR at M2 to SAR at M1 = 59.0 %



ELEMENT

DUT: A3LSMS928B; Type: Portable Handset; Serial: 1133M

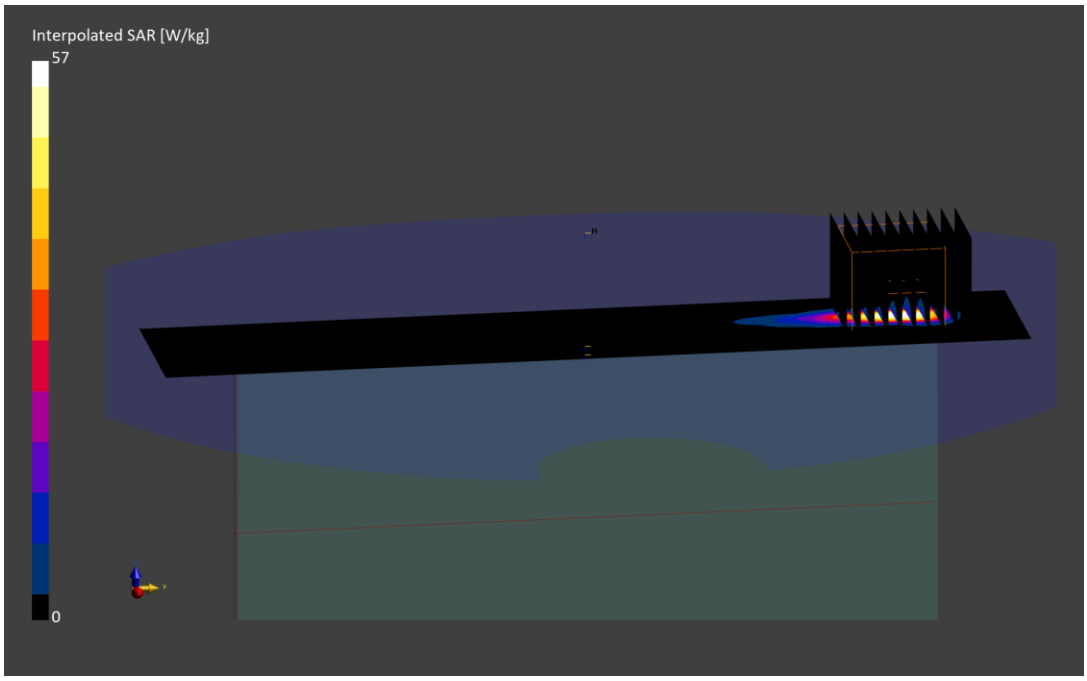
Communication System: UID:10317 - AAD, WLAN; MAIA: Y; Frequency: 5845.0 MHz
Medium: 5200-5800 Head; Medium parameters used:
f = 5845.0 MHz; cond = 5.31 S/m; perm = 34.8; density = 1000 kg/m3
Phantom Section: Flat; Space: 0.00 mm

Test Date: 10/23/2023; Ambient Temp: 20.9°C; Tissue Temp: 19.9°C

Probe: EX3DV4 - SN7570; ConvF:(4.78,4.78,4.78); Calibrated: 2023-01-11
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1558; Calibrated: 2023-01-17
Phantom: Twin-SAM V8.0; Serial: 2060
Measurement SW: DASY Module SAR V16.2.0.1425

Mode: 5 GHz WIFI/ IEEE 802.11n, Antenna MIMO, 20 MHz Bandwidth, U-NII-4, Exp: Phablet| Left Edge, Ch. 169, 13 Mbps

Area Scan (40.0 x 200.0): Measurement grid: dx=5.0 mm, dy=10.0 mm
Zoom Scan (25.6 x 25.6 x 22.0): Measurement grid: dx=3.2 mm, dy=3.2 mm, dz=1.4 mm; Graded Ratio: 1.4
Reference Value = 10.03 W/kg; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 57.5 W/kg
SAR(10 g) = 2.34 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 = 61.3 %



ELEMENT

DUT: A3LSMS928B; Type: Portable Handset; Serial: 4126M

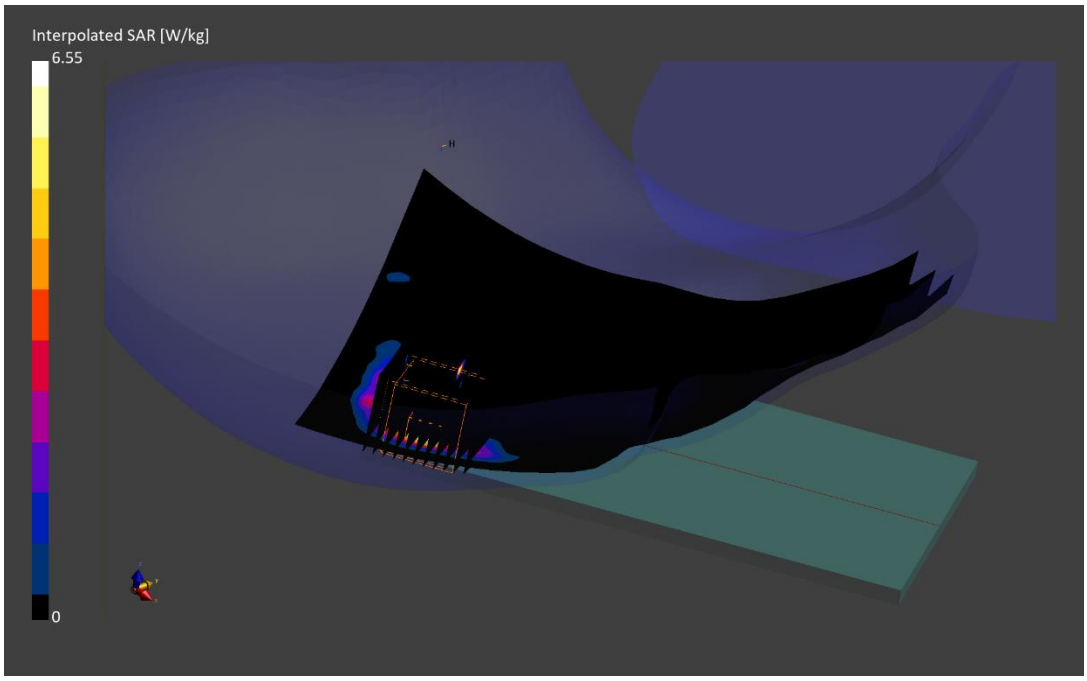
Communication System: UID:10731 - AAC, WLAN; MAIA: Y; Frequency: 7025.0 MHz
Medium: 6000 Head; Medium parameters used:
f = 7025.0 MHz; cond = 6.53 S/m; perm = 33.2; density = 1000 kg/m3
Phantom Section: RightHead; Space: 0.00 mm

Test Date: 10/26/2023; Ambient Temp: 21.9°C; Tissue Temp: 20.1°C

Probe: EX3DV4 - SN7532; ConvF:(5.3,5.3,5.3); Calibrated: 2023-04-18
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn501; Calibrated: 2023-04-14
Phantom: Twin-SAM V8.0; Serial: 2067
Measurement SW: DASY Module SAR V16.2.0.1425

Mode: 6 GHz WIFI/ IEEE 802.11ax, Antenna 9, 80 MHz Bandwidth, U-NII-8, Exp: Head| Right Cheek, Ch. 215, 34 Mbps

Area Scan (120.0 x 195.0): Measurement grid: dx=7.5 mm, dy=7.5 mm
Zoom Scan (22.0 x 22.0 x 22.0): Measurement grid: dx=3.0 mm, dy=3.0 mm, dz=1.4 mm; Graded Ratio: 1.4
Reference Value = 0.21 W/kg; Power Drift = -0.06 dB
Peak SAR (extrapolated) = 6.55 W/kg
SAR(1 g) = 0.247 W/kg; APD(4cm^2) = 1.380 W/m^2
Smallest distance from peaks to all points 3 dB below is 5.2 mm
Ratio of SAR at M2 to SAR at M1 = 49.2 %



ELEMENT

DUT: A3LSMS928B; Type: Portable Handset; Serial: 1110M

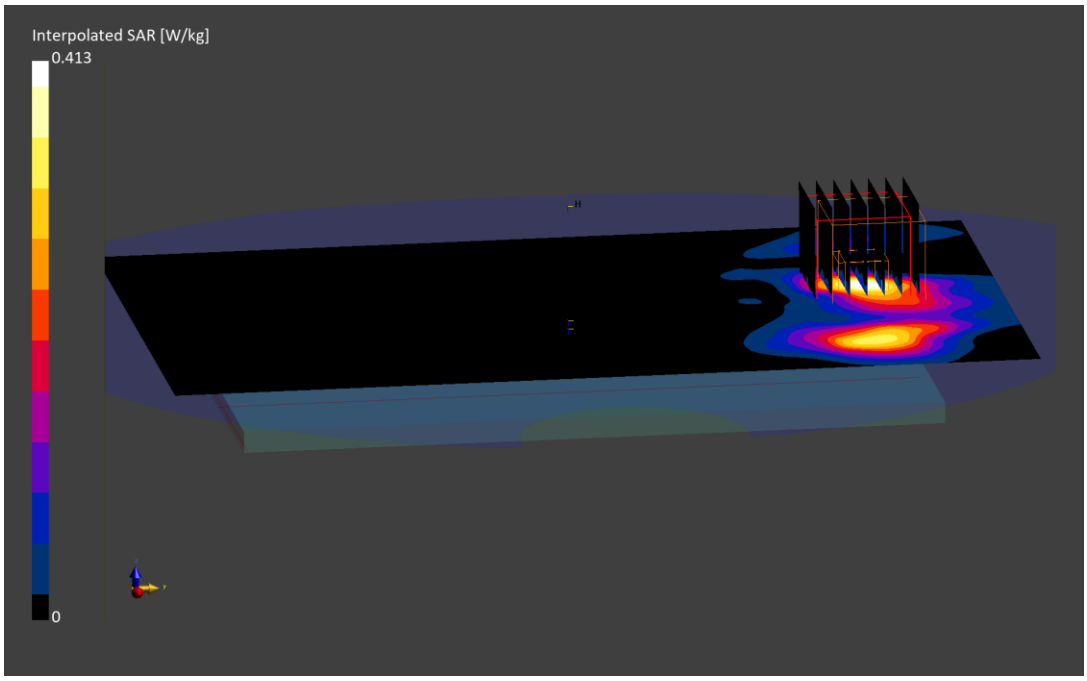
Communication System: UID:10731 - AAC, WLAN; MAIA: Y; Frequency: 5985.0 MHz
Medium: 6000 Head; Medium parameters used:
f = 5985.0 MHz; cond = 5.47 S/m; perm = 34.3; density = 1000 kg/m3
Phantom Section: Flat; Space: 10.00 mm

Test Date: 10/29/2023; Ambient Temp: 23.5°C; Tissue Temp: 23.0°C

Probe: EX3DV4 - SN7718; ConvF:(5.15,5.15,5.15); Calibrated: 2023-04-18
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1368; Calibrated: 2023-04-14
Phantom: Twin-SAM V5.0; Serial: 1759
Measurement SW: DASY Module SAR V16.2.0.1425

Mode: 6 GHz WIFI/ IEEE 802.11ax, Antenna MIMO, 80 MHz Bandwidth, U-NII-5, Exp: Body-worn| Back Side, Ch. 7, 68.1 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 = 0.10 W/kg; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 0.413 W/kg
SAR(1 g) = 0.086 W/kg; APD(4cm^2) = 0.578 W/m^2
Smallest distance from peaks to all points 3 dB below is 8.3 mm
Ratio of SAR at M2 to SAR at M1 = 58.0 %



ELEMENT

DUT: A3LSMS928B; Type: Portable Handset; Serial: 4261M

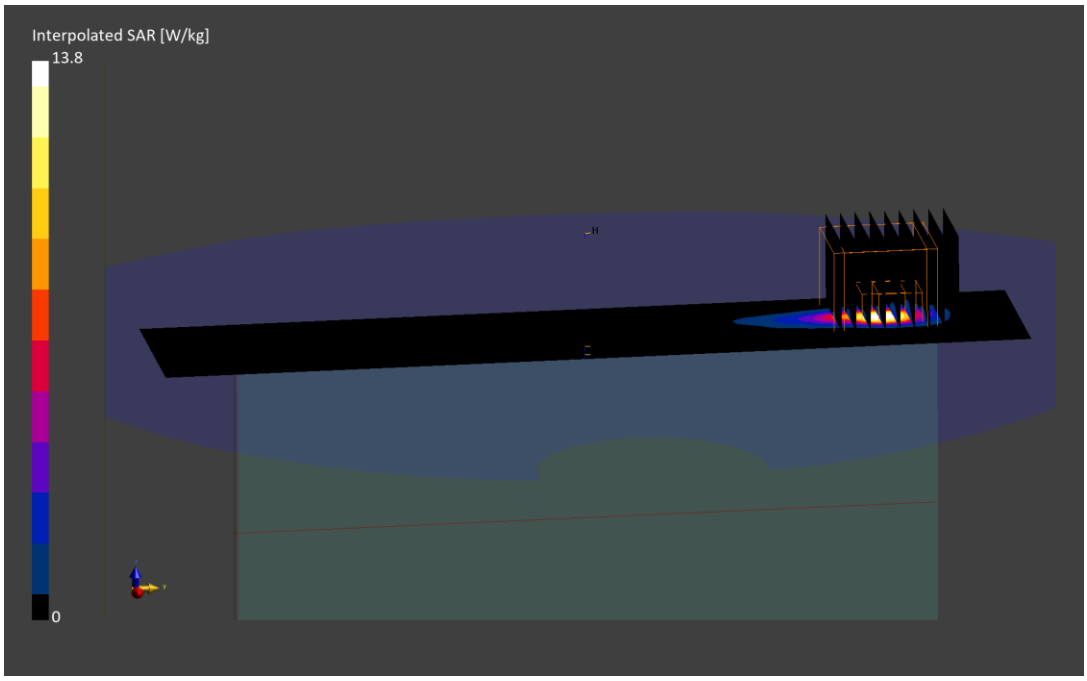
Communication System: UID:10731 - AAC, WLAN; MAIA: Y; Frequency: 5985.0 MHz
Medium: 6000 Head; Medium parameters used:
f = 5985.0 MHz; cond = 5.47 S/m; perm = 34.3; density = 1000 kg/m3
Phantom Section: Flat; Space: 0.00 mm

Test Date: 10/29/2023; Ambient Temp: 23.5°C; Tissue Temp: 23.0°C

Probe: EX3DV4 - SN7718; ConvF:(5.15,5.15,5.15); Calibrated: 2023-04-18
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1368; Calibrated: 2023-04-14
Phantom: Twin-SAM V5.0; Serial: 1759
Measurement SW: DASY Module SAR V16.2.0.1425

Mode: 6 GHz WIFI/ IEEE 802.11ax, Antenna MIMO, 80 MHz Bandwidth, U-NII-5, Exp: Phablet| Left Edge, Ch. 7, 68.1 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=3.4 mm, dy=3.4 mm, dz=1.4 mm; Graded Ratio: 1.4
Reference Value = 3.18 W/kg; Power Drift = -0.02 dB
Peak SAR (extrapolated) = 13.8 W/kg
SAR(10 g) = 0.516 W/kg; APD(4cm^2) = 12.300 W/m^2
Smallest distance from peaks to all points 3 dB below is 4.4 mm
Ratio of SAR at M2 to SAR at M1 = 56.2 %



ELEMENT

DUT: A3LSMS928B; Type: Portable Handset; Serial: 4261M

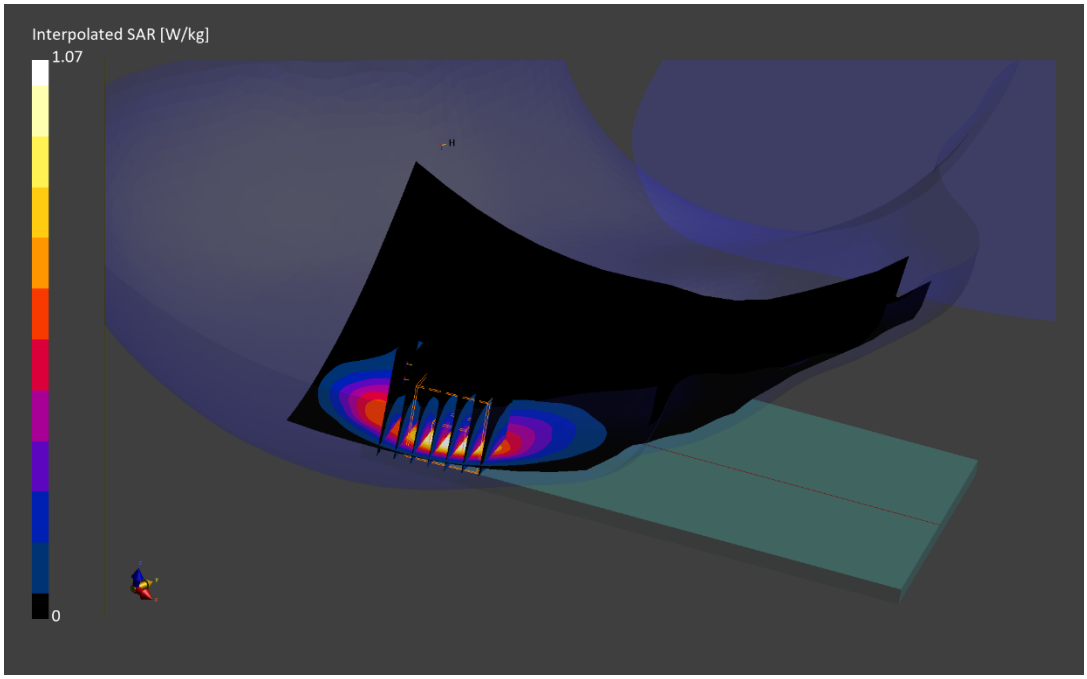
Communication System: UID:10032 - CAA, Bluetooth; MAIA: Y; Frequency: 2441.0 MHz
Medium: 2450 Head; Medium parameters used:
f = 2441.0 MHz; cond = 1.80 S/m; perm = 38.5; density = 1000 kg/m3
Phantom Section: RightHead; Space: 0.00 mm

Test Date: 10/25/2023; Ambient Temp: 23.3°C; Tissue Temp: 20.9°C

Probe: EX3DV4 - SN7713; ConvF:(8.26,8.26,8.26); Calibrated: 2023-01-11
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1530; Calibrated: 2023-01-18
Phantom: Twin-SAM V8.0; Serial: 2065
Measurement SW: DASY Module SAR V16.2.0.1425

Mode: 2.4 GHz Bluetooth, Antenna 9, Exp: Head| Right Cheek, Ch. 39, 1 Mbps

Area Scan (120.0 x 200.0): Measurement grid: dx=10.0 mm, dy=10.0 mm
Zoom Scan (30.0 x 30.0 x 30.0): Measurement grid: dx=5.0 mm, dy=5.0 mm, dz=1.5 mm; Graded Ratio: 1.5
Reference Value = 0.53 W/kg; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 1.07 W/kg
SAR(1 g) = 0.489 W/kg;
Smallest distance from peaks to all points 3 dB below is 7.2 mm
Ratio of SAR at M2 to SAR at M1 = 79.5 %



ELEMENT

DUT: A3LSMS928B; Type: Portable Handset; Serial: 1110M

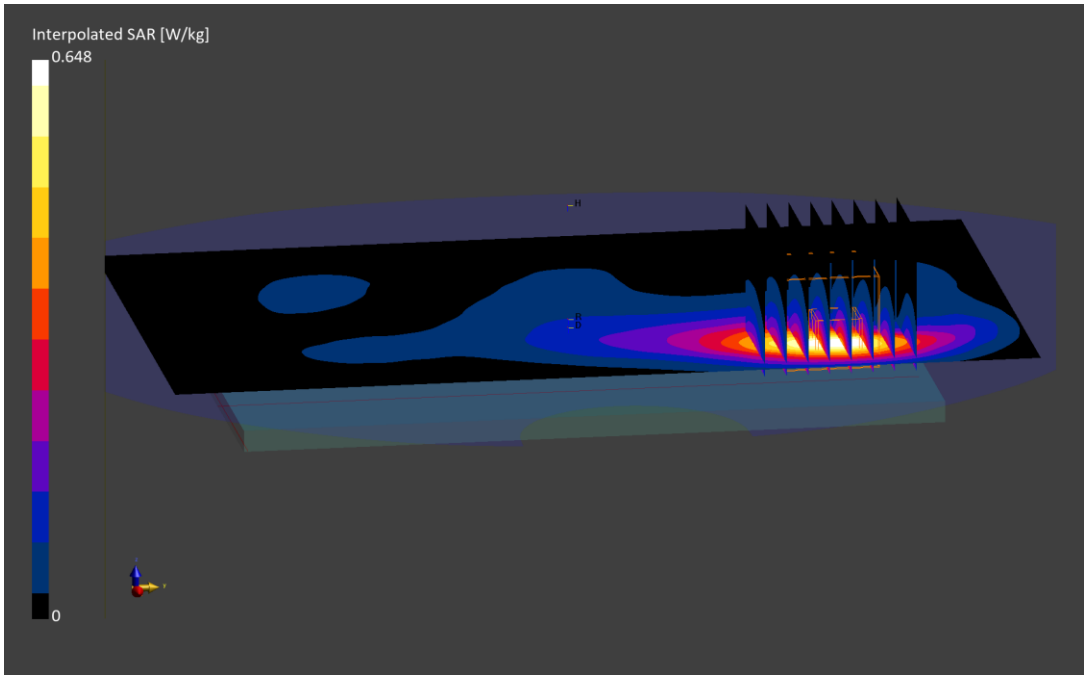
Communication System: UID:10032 - CAA, Bluetooth; MAIA: Y; Frequency: 2441.0 MHz
Medium: 2450 Head; Medium parameters used:
f = 2441.0 MHz; cond = 1.80 S/m; perm = 38.5; density = 1000 kg/m3
Phantom Section: Flat; Space: 10.00 mm

Test Date: 10/25/2023; Ambient Temp: 23.3°C; Tissue Temp: 20.9°C

Probe: EX3DV4 - SN7713; ConvF:(8.26,8.26,8.26); Calibrated: 2023-01-11
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1530; Calibrated: 2023-01-18
Phantom: Twin-SAM V8.0; Serial: 2065
Measurement SW: DASY Module SAR V16.2.0.1425

Mode: 2.4 GHz Bluetooth, Antenna 9, Exp: Body-worn/Hotspot| Back Side, Ch. 39, 1 Mbps

Area Scan (120.0 x 200.0): Measurement grid: dx=10.0 mm, dy=10.0 mm
Zoom Scan (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 = -0.05 dB
Peak SAR (extrapolated) = 0.648 W/kg
SAR(1 g) = 0.335 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 = 80.8 %



ELEMENT

DUT: A3LSMS928B; Type: Portable Handset; Serial: 1110M

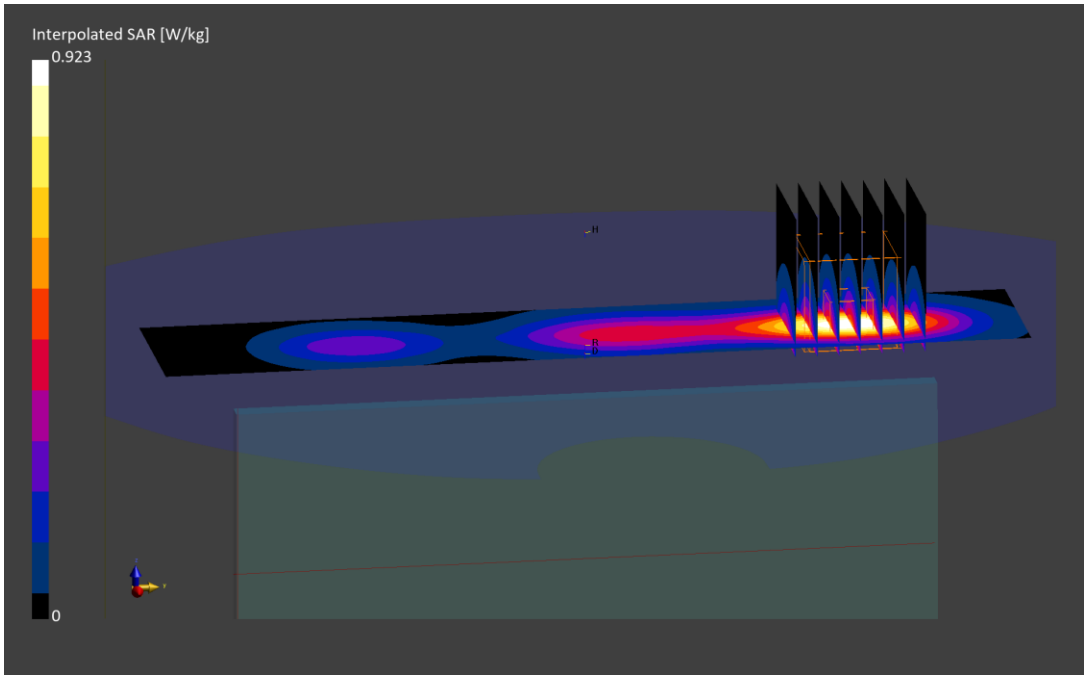
Communication System: UID:10032 - CAA, Bluetooth; MAIA: Y; Frequency: 2441.0 MHz
Medium: 2450 Head; Medium parameters used:
f = 2441.0 MHz; cond = 1.80 S/m; perm = 38.5; density = 1000 kg/m3
Phantom Section: Flat; Space: 10.00 mm

Test Date: 10/25/2023; Ambient Temp: 23.3°C; Tissue Temp: 20.9°C

Probe: EX3DV4 - SN7713; ConvF:(8.26,8.26,8.26); Calibrated: 2023-01-11
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1530; Calibrated: 2023-01-18
Phantom: Twin-SAM V8.0; Serial: 2065
Measurement SW: DASY Module SAR V16.2.0.1425

Mode: 2.4 GHz Bluetooth, Antenna 9, Exp: Hotspot| Left Edge, Ch. 39, 1 Mbps

Area Scan (40.0 x 200.0): Measurement grid: dx=5.0 mm, dy=10.0 mm
Zoom Scan (30.0 x 30.0 x 30.0): Measurement grid: dx=5.0 mm, dy=5.0 mm, dz=1.5 mm; Graded Ratio: 1.5
Reference Value = 0.58 W/kg; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 0.923 W/kg
SAR(1 g) = 0.468 W/kg;
Smallest distance from peaks to all points 3 dB below is 10.8 mm
Ratio of SAR at M2 to SAR at M1 = 80.0 %



ELEMENT

DUT: A3LSMS928B; Type: Portable Handset; Serial: 1110M

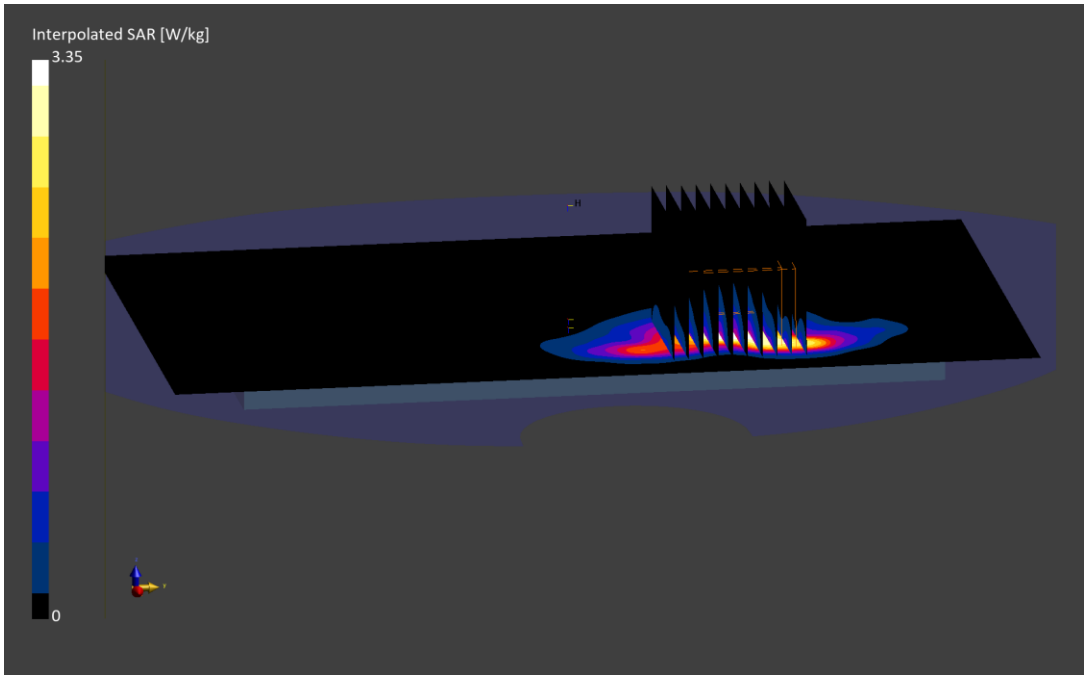
Communication System: UID:10032 - CAA, Bluetooth; MAIA: Y; Frequency: 2441.0 MHz
Medium: 2450 Head; Medium parameters used:
f = 2441.0 MHz; cond = 1.83 S/m; perm = 39.2; density = 1000 kg/m3
Phantom Section: Flat; Space: 0.00 mm

Test Date: 10/31/2023; Ambient Temp: 22.9°C; Tissue Temp: 21.7°C

Probe: EX3DV4 - SN7713; ConvF:(8.26,8.26,8.26); Calibrated: 2023-01-11
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1530; Calibrated: 2023-01-18
Phantom: Twin-SAM V8.0; Serial: 2065
Measurement SW: DASY Module SAR V16.2.0.1425

Mode: 2.4 GHz Bluetooth, Antenna 11, Exp: Phablet| Front Side, Ch. 39, 1 Mbps

Area Scan (120.0 x 200.0): Measurement grid: dx=10.0 mm, dy=10.0 mm
Zoom Scan (30.0 x 30.0 x 30.0): Measurement grid: dx=3.4 mm, dy=3.4 mm, dz=1.4 mm; Graded Ratio: 1.4
Reference Value = 1.29 W/kg; Power Drift = 0.11 dB
Peak SAR (extrapolated) = 3.35 W/kg
SAR(10 g) = 0.474 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 = 65.1 %



ELEMENT

DUT: A3LSMS928B; Type: Portable Handset; Serial: 1133M

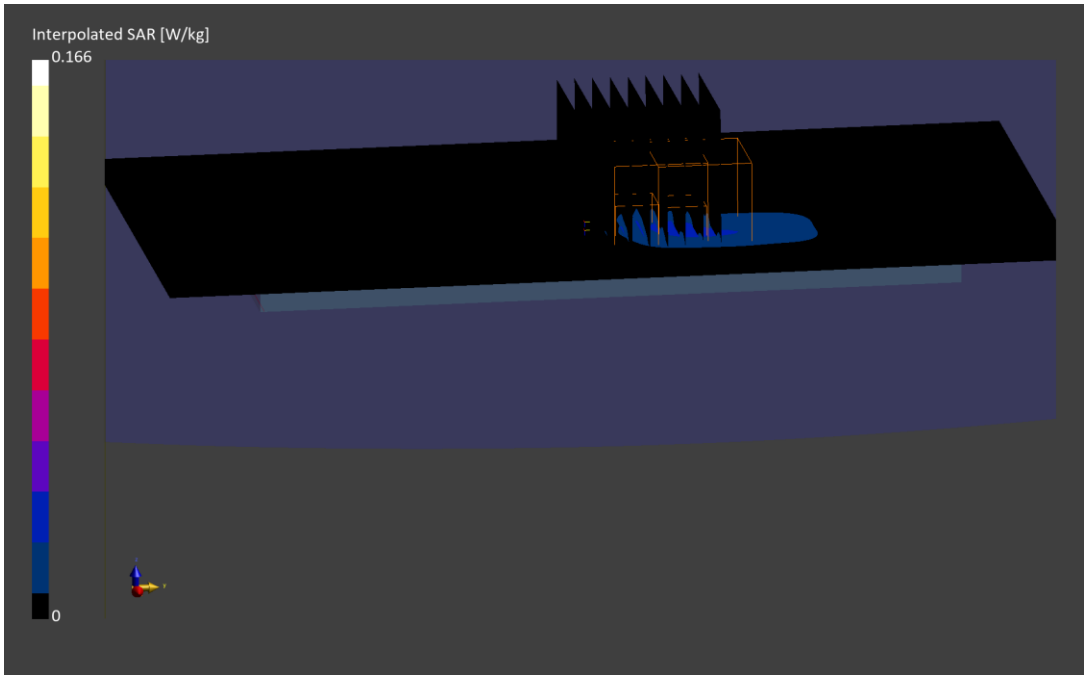
Communication System: UID:0 - -, CW; MAIA: Y; Frequency: 13.6 MHz
Medium: 30 Head; Medium parameters used:
f = 13.6 MHz; cond = 0.726 S/m; perm = 53.3; density = 1000 kg/m3
Phantom Section: Flat; Space: 0.00 mm

Test Date: 10/14/2023; Ambient Temp: 22.5°C; Tissue Temp: 22.5°C

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

Mode: NFC, Phablet SAR, Back Side

Area Scan (120.0 x 210.0): Measurement grid: dx=15.0 mm, dy=15.0 mm
Zoom Scan (30.0 x 30.0 x 30.0): Measurement grid: dx=4.1 mm, dy=4.1 mm, dz=1.4 mm; Graded Ratio: 1.4
Reference Value = 0.02 W/kg; Power Drift = -0.12 dB
Peak SAR (extrapolated) = 0.166 W/kg
SAR(10 g) = 0.010 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 = 48.6 %



ELEMENT

DUT: A3LSMS928B; Type: Portable Handset; Serial: 1140M

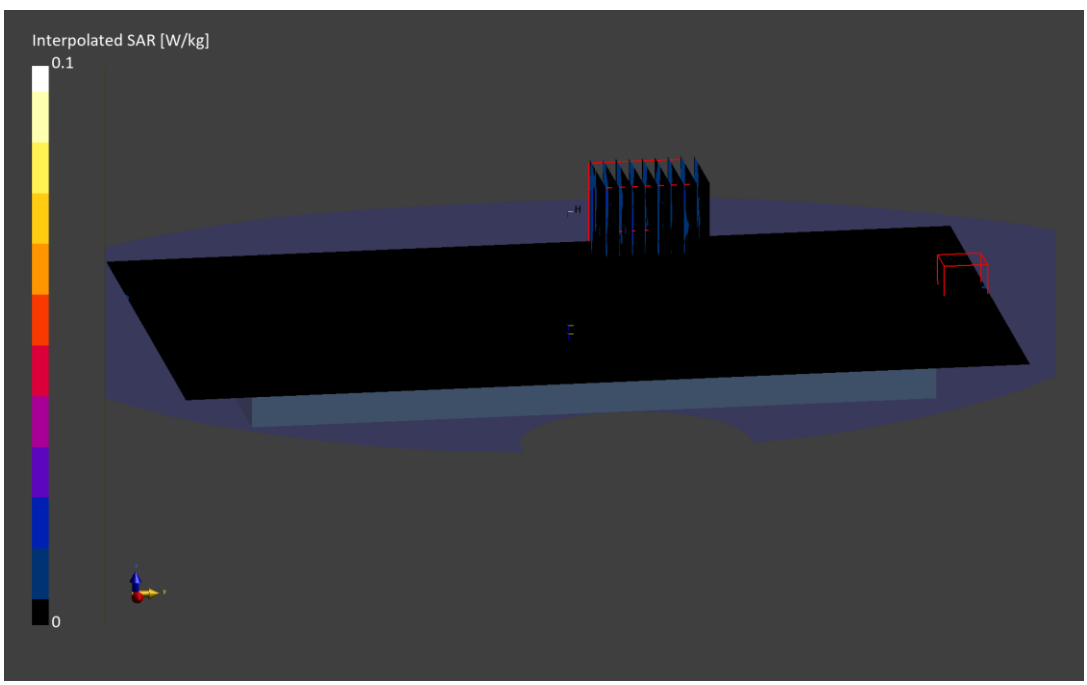
Communication System: UID:0 - -, CW; MAIA: Y; Frequency: 7987.2 MHz
Medium: 6000 Head; Medium parameters used:
f = 7987.2 MHz; cond = 7.77 S/m; perm = 32.1; density = 1000 kg/m3
Phantom Section: Flat; Space: 0.00 mm

Test Date: 10/31/2023; Ambient Temp: 20.6°C; Tissue Temp: 19.5°C

Probe: EX3DV4 - SN7532; ConvF:(5.5,5.5,5.5); Calibrated: 2023-04-18
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn501; Calibrated: 2023-04-14
Phantom: Twin-SAM V8.0; Serial: 2067
Measurement SW: DASY Module SAR V16.2.0.1425

Mode: UWB, Antenna 1, Phablet SAR, Front Side, Ch. 9

Area Scan (120.0 x 195.0): Measurement grid: dx=7.5 mm, dy=7.5 mm
Zoom Scan (24.0 x 24.0 x 22.0): Measurement grid: dx=3.0 mm, dy=3.0 mm, dz=1.4 mm; Graded Ratio: 1.4
Reference Value = -0.03 W/kg; Power Drift = 0.09 dB
Peak SAR (extrapolated) = 0.029 W/kg
SAR(10 g) = 0.004 W/kg; APD(4cm^2) = 0.095 W/m^2
Smallest distance from peaks to all points 3 dB below is 1.7 mm
Ratio of SAR at M2 to SAR at M1 = 67.3 %



Date: 2023-10-22

Antenna 1 Channel 151

Device Under Test Properties

DUT	Serial Number	DUT Type
A3LSMS928B	WIM1133M	Portable Handset

Exposure Conditions

Phantom Section	Position	Test Distance [mm]	Band	Frequency [MHz]
5G	EDGE LEFT	2.00	IEEE 802.11ax (80MHz, MCS0, 99pc duty cycle)	6705.0

Hardware/Software Setup

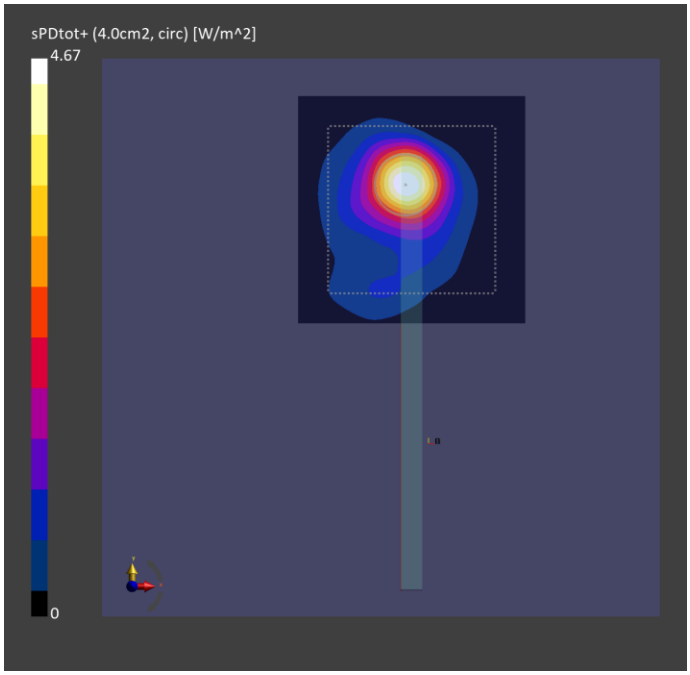
Probe, Calibration Date	DAE, Calibration Date	Software	Software Version
EUmmWV4 - SN9541, 2023-05-19	DAE4 - SN1415, 2023-02-15	cDASY6 Module mmWave	3.2.0.1840

Scans Setup

Scan Type	5G Scan
Grid Extents [mm]	60.0 x 60.0
Grid Steps [lambda]	0.125 x 0.125
Sensor Surface [mm]	2.0

Measurement Results

Scan Type	5G Scan
Avg. Area [cm²]	4.00
pS_{tot} avg [W/m²]	4.67
pS_n avg [W/m²]	3.35
E_{peak} [V/m]	78.8
Power Drift [dB]	-0.08



Date: 2023-10-02

Channel 9

Device Under Test Properties

DUT	Serial Number	DUT Type
A3LSMS928B	WIM1054M	Portable Handset

Exposure Conditions

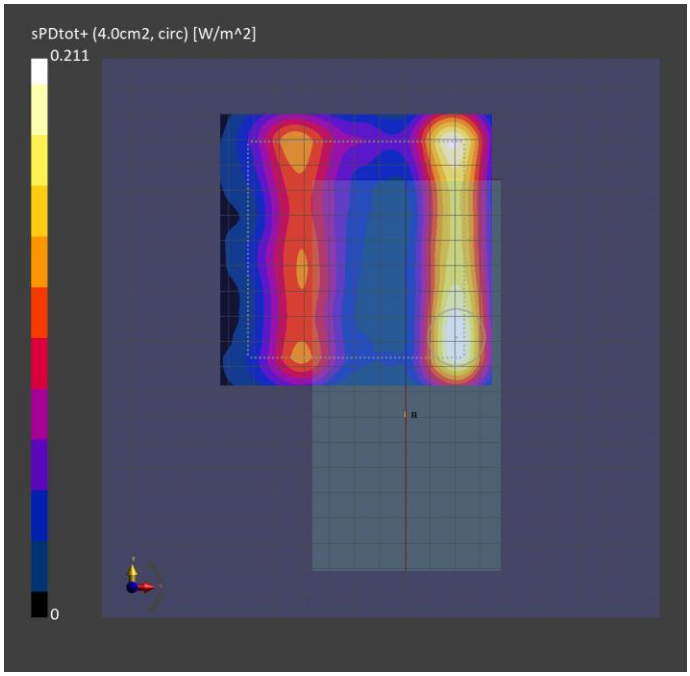
Phantom Section	Position	Test Distance [mm]	Band	Frequency [MHz]
5G	FRONT	2.00	CW	7987.2

Hardware/Software Setup

Probe, Calibration Date	DAE, Calibration Date	Software	Software Version
EUmmWV4 - SN9622, 2023-02-15	DAE4ip - SN1639, 2022-11-16	cDASY6 Module mmWave	3.2.0.1840

Scans Setup

Scan Type	5G Scan
Grid Extents [mm]	100.0 x 100.0
Grid Steps [lambda]	0.125 x 0.125
Sensor Surface [mm]	2.0

Measurement Results

Scan Type	5G Scan
Avg. Area [cm²]	4.00
pS_{tot} avg [W/m²]	0.211
pS_n avg [W/m²]	0.202
E_{peak} [V/m]	11.3
Power Drift [dB]	9.12