APPENDIX A: SAR TEST DATA

PCTEST

DUT: A3LSMS908JPN; Type: Portable Handset; Serial: 0110M

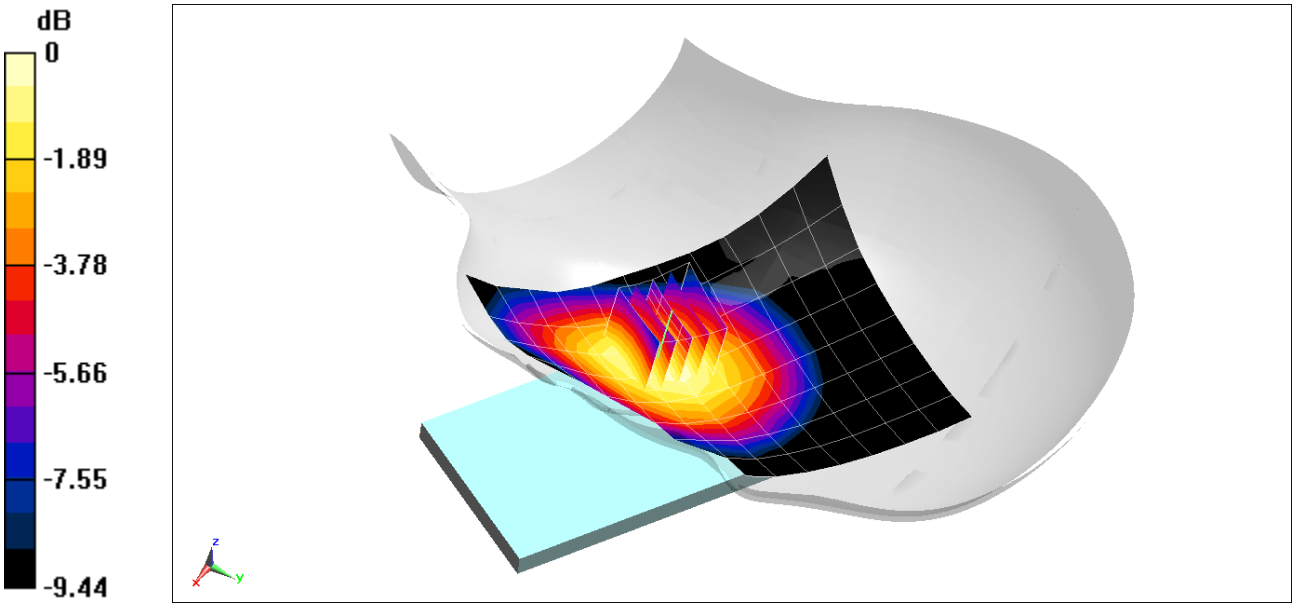
Communication System: UID 0, GSM; Frequency: 836.6 MHz; Duty Cycle: 1:8.3
Medium: 835 Head; Medium parameters used (interpolated):
f = 836.6 MHz; σ = 0.935 S/m; ε_r = 41.654; ρ = 1000 kg/m^3
Phantom section: Left Section

Test Date: 12/22/2021; Ambient Temp: 20.7°C; Tissue Temp: 21.5°C

Probe: EX3DV4 - SN7640; ConvF(10.76, 10.76, 10.76) @ 836.6 MHz; Calibrated: 3/3/2021
Sensor-Surface: 1.4mm (Mechanical Surface Detection)
Electronics: DAE4 Sn1645; Calibrated: 1/11/2021
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 (7483)

Mode: GSM 850, Left Head, Cheek, Mid.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 = 11.55 V/m; Power Drift = 0.05 dB
Peak SAR (extrapolated) = 0.143 W/kg
SAR(1 g) = 0.114 W/kg
Smallest distance from peaks to all points 3 dB below = 19.9 mm
Ratio of SAR at M2 to SAR at M1 = 80.7%



0 dB = 0.133 W/kg = -8.76 dBW/kg

PCTEST

DUT: A3LSMS908JPN; Type: Portable Handset; Serial: 0114M

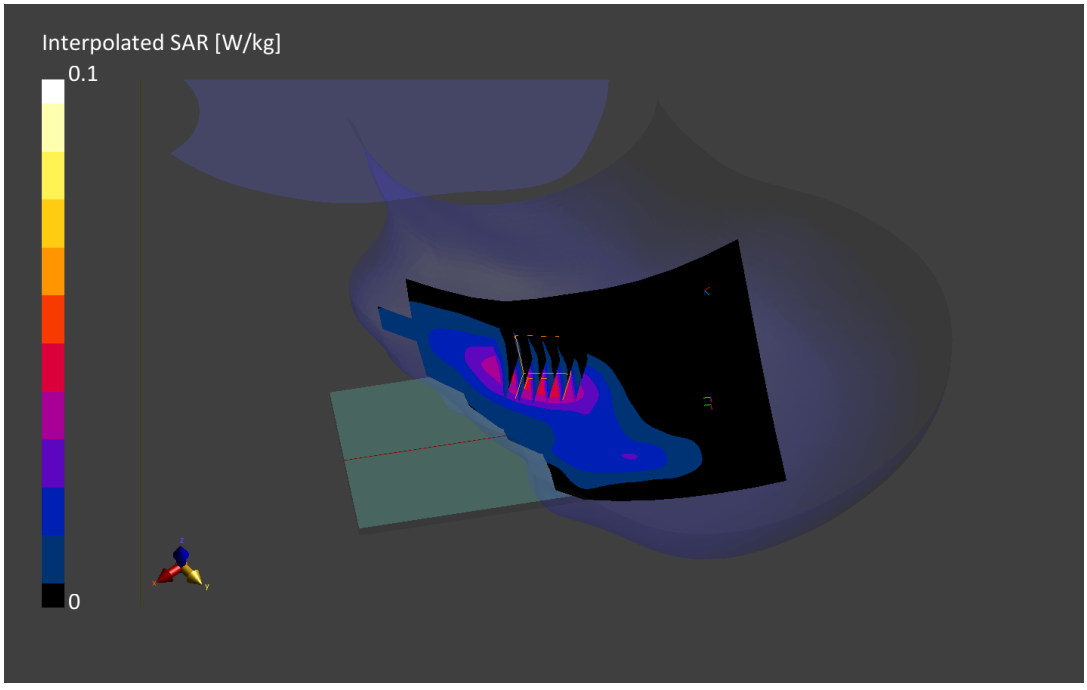
Communication System: UID:10021 - DAC, GSM; MAIA: Y; Frequency: 1909.8 MHz
Medium: 1900 Head; Medium parameters used:
f = 1909.8 MHz; cond = 1.43 S/m; perm = 38.7; density = 1000 kg/m^3
Phantom Section: Left Head; Space: 0.00 mm

Test Date: 12/26/2021; Ambient Temp: 22.7°C; Tissue Temp: 21.5°C

Probe: EX3DV4 - SN7406; ConvF:(7.98,7.98,7.98); Calibrated: 2021-07-20
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1676; Calibrated: 2021-06-21
Phantom: Twin-SAM V8.0; Serial: 2058
Measurement SW: DASY Module SAR V16.0.0.65

Mode: GSM 1900, Left Head, Cheek, High.Ch

Area Scan (120.0 x 210.0): Measurement grid: dx=15.0 mm, dy=15.0 mm
Zoom Scan (30.0 x 30.0 x 30.0): Measurement grid: dx=6.0 mm, dy=6.0 mm, dz=1.5 mm; Graded Ratio: 1.5
Reference Value = 0.04 W/kg; Power Drift = -0.07 dB
Peak SAR (extrapolated) = 0.068 W/kg
SAR(1 g) = 0.041 W/kg
Smallest distance from peaks to all points 3 dB below is > 15.0 mm
Ratio of SAR at M2 to SAR at M1 = 86.3 %



PCTEST

DUT: A3LSMS908JPN; Type: Portable Handset; Serial: 0110M

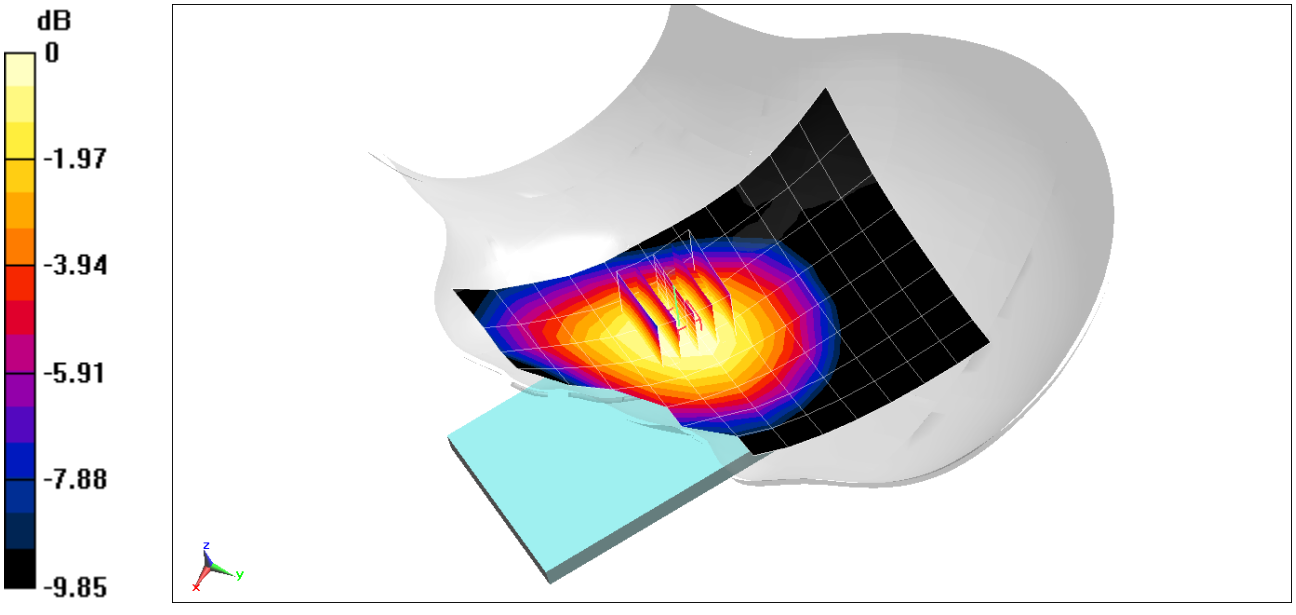
Communication System: UID 0, UMTS; Frequency: 826.4 MHz; Duty Cycle: 1:1
Medium: 835 Head; Medium parameters used (interpolated):
f = 826.4 MHz; σ = 0.93 S/m; ε_r = 42.472; ρ = 1000 kg/m^3
Phantom section: Left Section

Test Date: 12/30/2021; Ambient Temp: 20.4°C; Tissue Temp: 20.0°C

Probe: EX3DV4 - SN7640; ConvF(10.76, 10.76, 10.76) @ 826.4 MHz; Calibrated: 3/3/2021
Sensor-Surface: 1.4mm (Mechanical Surface Detection)
Electronics: DAE4 Sn1645; Calibrated: 1/11/2021
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 (7483)

Mode: UMTS 850, 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 = 13.17 V/m; Power Drift = 0.05 dB
Peak SAR (extrapolated) = 0.183 W/kg
SAR(1 g) = 0.144 W/kg
Smallest distance from peaks to all points 3 dB below = 18.3 mm
Ratio of SAR at M2 to SAR at M1 = 80.6%



0 dB = 0.169 W/kg = -7.72 dBW/kg

PCTEST

DUT: A3LSMS908JPN; Type: Portable Handset; Serial: 0132M

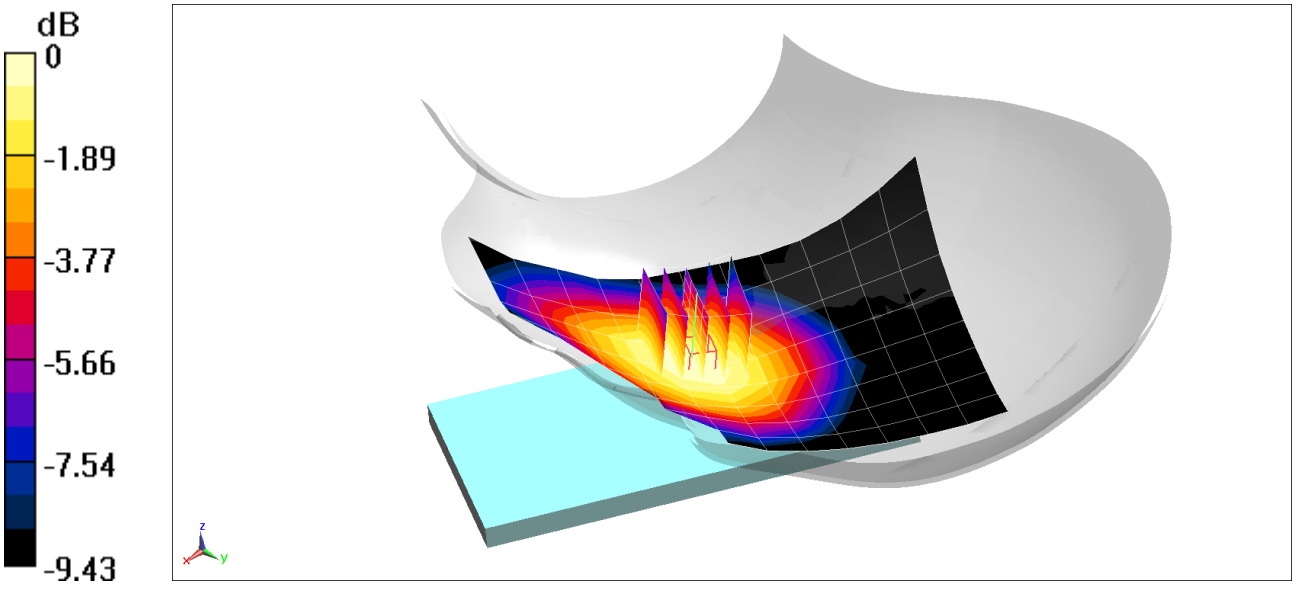
Communication System: UID 0, LTE Band 12; Frequency: 707.5 MHz; Duty Cycle: 1:1
Medium: 750 Head; Medium parameters used (interpolated):
f = 707.5 MHz; σ = 0.895 S/m; ε_r = 41.603; ρ = 1000 kg/m^3
Phantom section: Left Section

Test Date: 01/04/2022; Ambient Temp: 20.5°C; Tissue Temp: 19.9°C

Probe: EX3DV4 - SN7640; ConvF(11.14, 11.14, 11.14) @ 707.5 MHz; Calibrated: 3/3/2021
Sensor-Surface: 1.4mm (Mechanical Surface Detection)
Electronics: DAE4 Sn1645; Calibrated: 1/11/2021
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 (7483)

Mode: LTE Band 12, Left Head, Cheek, Mid.ch, QPSK
10 MHz Bandwidth, 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 = 11.01 V/m; Power Drift = 0.11 dB
Peak SAR (extrapolated) = 0.117 W/kg
SAR(1 g) = 0.093 W/kg
Smallest distance from peaks to all points 3 dB below = 23.6 mm
Ratio of SAR at M2 to SAR at M1 = 80.5%



0 dB = 0.107 W/kg = -9.71 dBW/kg

PCTEST

DUT: A3LSMS908JPN; Type: Portable Handset; Serial: 0132M

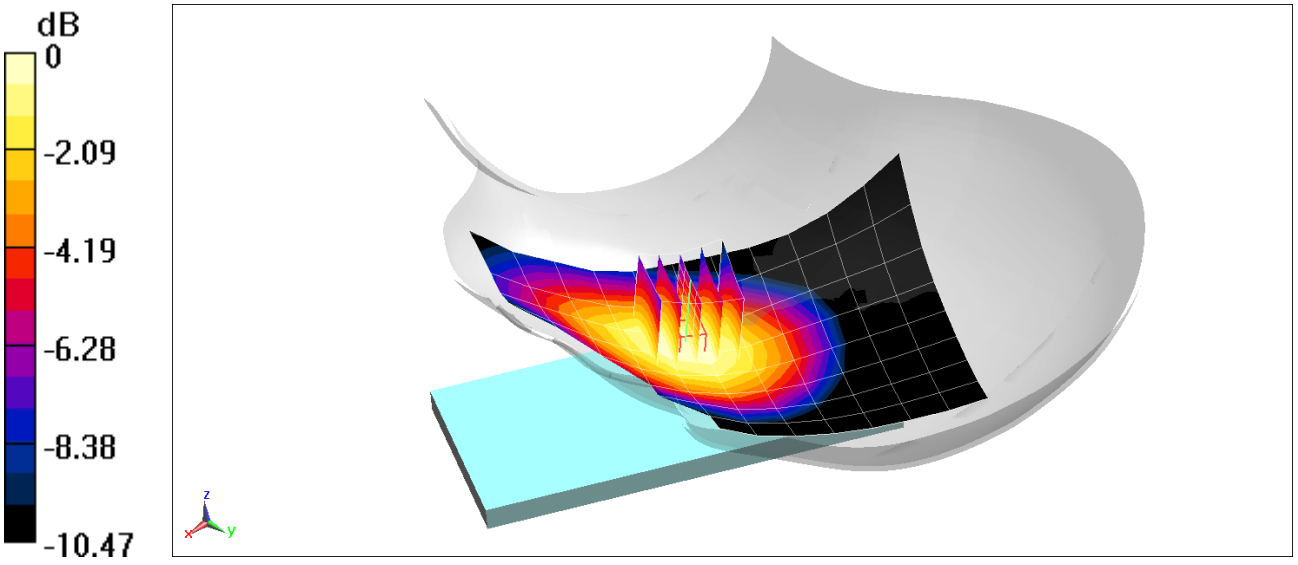
Communication System: UID 0, LTE Band 13; Frequency: 782 MHz; Duty Cycle: 1:1
Medium: 750 Head; Medium parameters used (interpolated):
f = 782 MHz; σ = 0.92 S/m; ε_r = 41.422; ρ = 1000 kg/m^3
Phantom section: Left Section

Test Date: 01/04/2022; Ambient Temp: 20.5°C; Tissue Temp: 19.9°C

Probe: EX3DV4 - SN7640; ConvF(11.14, 11.14, 11.14) @ 782 MHz; Calibrated: 3/3/2021
Sensor-Surface: 1.4mm (Mechanical Surface Detection)
Electronics: DAE4 Sn1645; Calibrated: 1/11/2021
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 (7483)

Mode: LTE Band 13, Left Head, Cheek, Mid.ch
QPSK, 10 MHz Bandwidth, 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 = 14.56 V/m; Power Drift = 0.19 dB
Peak SAR (extrapolated) = 0.222 W/kg
SAR(1 g) = 0.171 W/kg
Smallest distance from peaks to all points 3 dB below = 21.1 mm
Ratio of SAR at M2 to SAR at M1 = 77.9%



0 dB = 0.205 W/kg = -6.88 dBW/kg

PCTEST

DUT: A3LSMS908JPN; Type: Portable Handset; Serial: 0110M

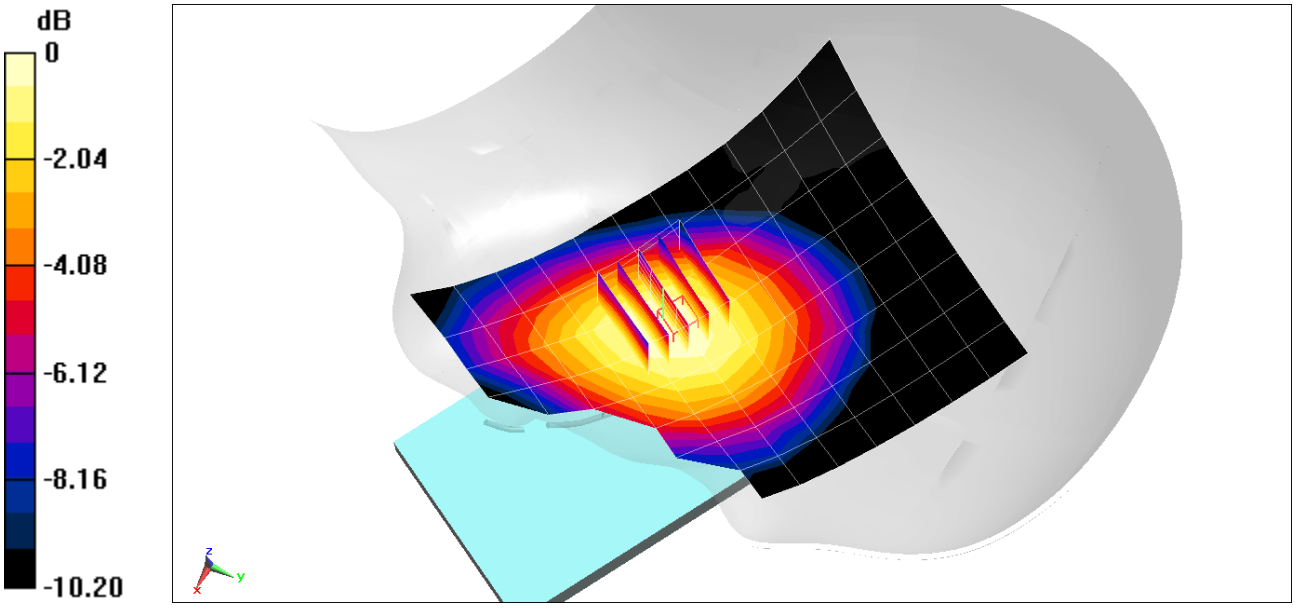
Communication System: UID 0, LTE Band 5 (Cell.); Frequency: 836.5 MHz; Duty Cycle: 1:1
Medium: 835 Head; Medium parameters used (interpolated):
f = 836.5 MHz; σ = 0.935 S/m; ε_r = 41.654; ρ = 1000 kg/m^3
Phantom section: Left Section

Test Date: 12/22/2021; Ambient Temp: 20.7°C; Tissue Temp: 21.5°C

Probe: EX3DV4 - SN7640; ConvF(10.76, 10.76, 10.76) @ 836.5 MHz; Calibrated: 3/3/2021
Sensor-Surface: 1.4mm (Mechanical Surface Detection)
Electronics: DAE4 Sn1645; Calibrated: 1/11/2021
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 (7483)

Mode: LTE Band 5 (Cell.), Left Head, Cheek, Mid.ch
10 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 = 12.84 V/m; Power Drift = 0.03 dB
Peak SAR (extrapolated) = 0.175 W/kg
SAR(1 g) = 0.137 W/kg
Smallest distance from peaks to all points 3 dB below = 19.5 mm
Ratio of SAR at M2 to SAR at M1 = 78.9%



0 dB = 0.160 W/kg = -7.96 dBW/kg

PCTEST

DUT: A3LSMS908JPN; Type: Portable Handset; Serial: 0124M

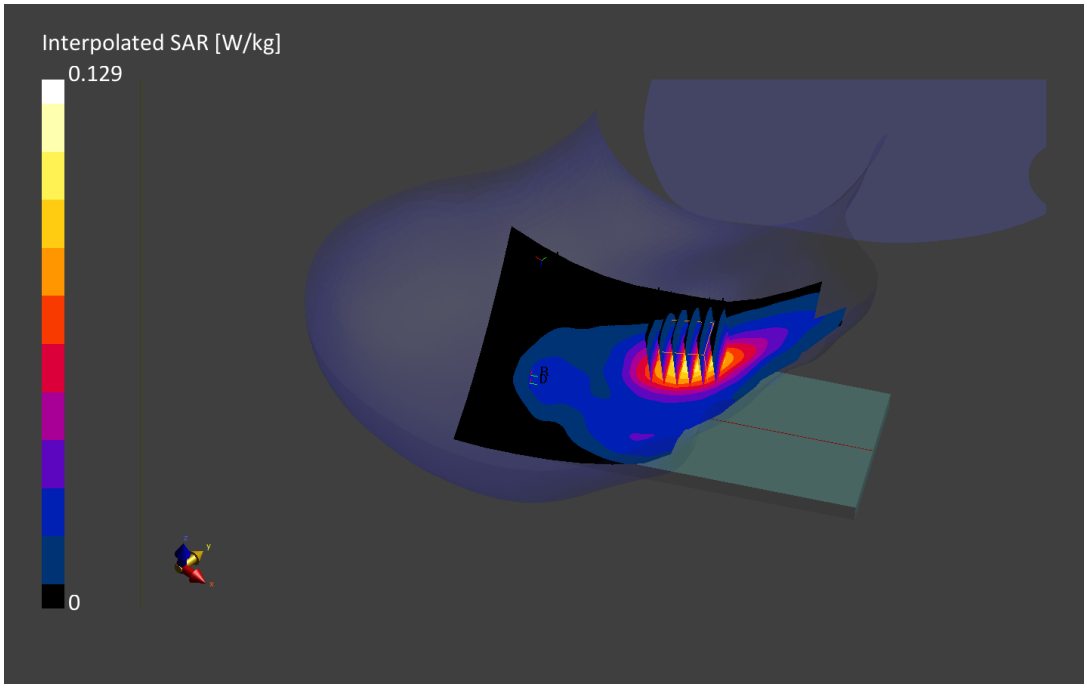
Communication System: UID:10169 - CAE, LTE-FDD; MAIA: Y; Frequency: 1732.5 MHz
Medium: 1750 Head; Medium parameters used:
f = 1732.5 MHz; cond = 1.40 S/m; perm = 39.5; density = 1000 kg/m^3
Phantom Section: Right Head; Space: 0.00 mm

Test Date: 12/21/2021; Ambient Temp: 22.3°C; Tissue Temp: 22.1°C

Probe: EX3DV4 - SN7406; ConvF:(8.26,8.26,8.26); Calibrated: 2021-07-20
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1676; Calibrated: 2021-06-21
Phantom: Twin-SAM V8.0; Serial: 2058
Measurement SW: DASY Module SAR V16.0.0.65

Mode: LTE Band 4, Right Head, Cheek, Mid.ch, 20 MHz Bandwidth, QPSK, 1 RB, 50 RB Offset

Area Scan (120.0 x 210.0): Measurement grid: dx=15.0 mm, dy=15.0 mm
Zoom Scan (30.0 x 30.0 x 30.0): Measurement grid: dx=6.0 mm, dy=6.0 mm, dz=1.5 mm; Graded Ratio: 1.5
Reference Value = 0.10 W/kg; Power Drift = -0.03 dB
Peak SAR (extrapolated) = 0.129 W/kg
SAR(1 g) = 0.084 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 = 88.4 %



PCTEST

DUT: A3LSMS908JPN; Type: Portable Handset; Serial: 0095M

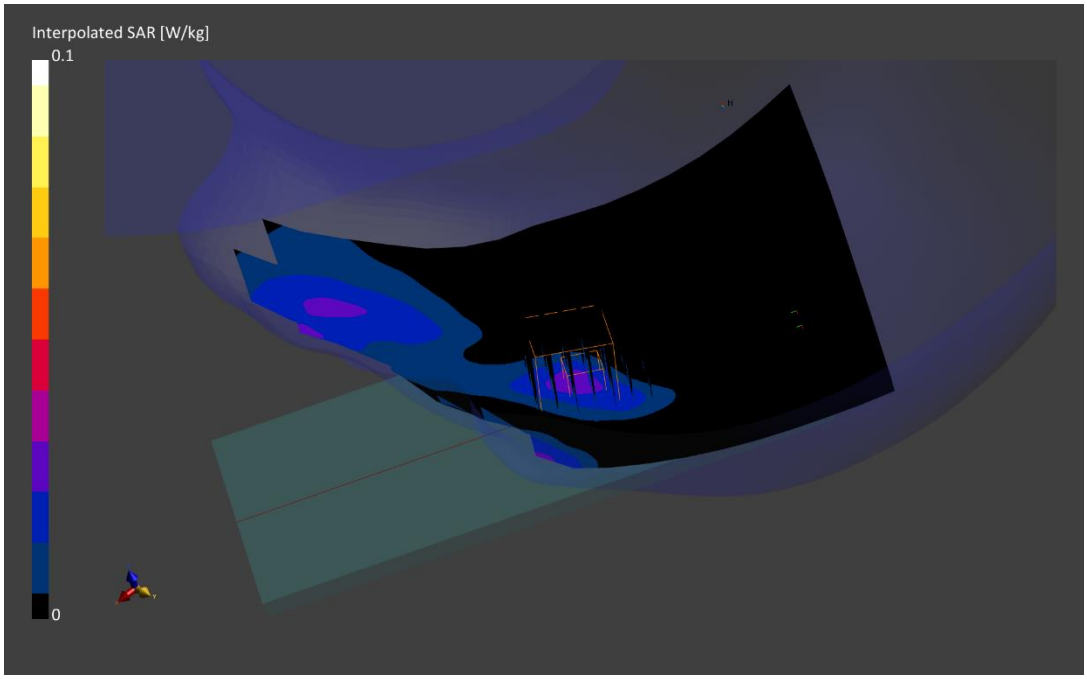
Communication System: UID:10435 - AAF, LTE-TDD; MAIA: Y; Frequency: 2636.5 MHz
Medium: 2450 Head; Medium parameters used:
f = 2636.5 MHz; cond = 2.01 S/m; perm = 39.4; density = 1000 kg/m^3
Phantom Section: Left Head; Space: 0.00 mm

Test Date: 01/03/2022; Ambient Temp: 20.5°C; Tissue Temp: 20.5°C

Probe: EX3DV4 - SN7660; ConvF:(8.26,8.26,8.26); Calibrated: 2021-06-28
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1677; Calibrated: 2021-06-22
Phantom: Twin-SAM V8.0; Serial: 2056
Measurement SW: DASY Module SAR V16.0.0.65

Mode: LTE Band 41, ULCA, Left Head, Cheek
PCC: Ch. 41055, 20 MHz Bandwidth, QPSK, 1 RB, 0 RB Offset
SCC: Ch. 40857, 20 MHz Bandwidth, QPSK, 1 RB, 99 RB Offset

Area Scan (120.0 x 200.0): Measurement grid: dx=10.0 mm, dy=10.0 mm
Zoom Scan (30.0 x 30.0 x 30.0): Measurement grid: dx=5.0 mm, dy=5.0 mm, dz=1.5 mm; Graded Ratio: 1.5
Reference Value = 0.03 W/kg; Power Drift = -0.14 dB
Peak SAR (extrapolated) = 0.044 W/kg
SAR(1 g) = 0.021 W/kg
Smallest distance from peaks to all points 3 dB below is > 15.0 mm
Ratio of SAR at M2 to SAR at M1 = 88.7 %



PCTEST

DUT: A3LSMS908JPN; Type: Portable Handset; Serial: 0114M

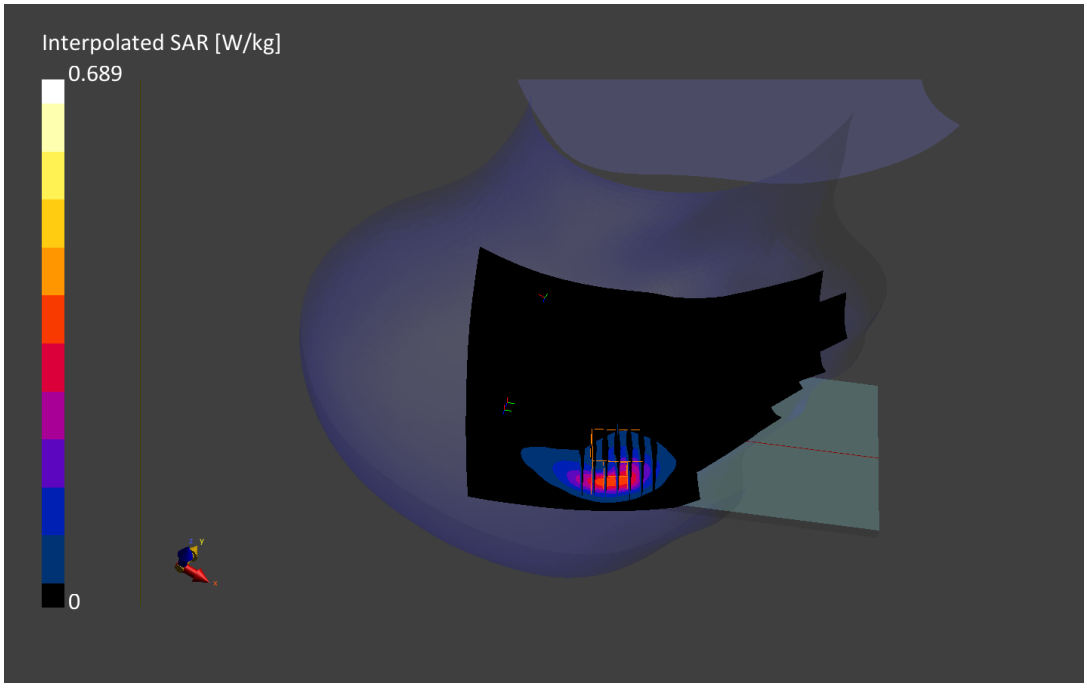
Communication System: UID:10415 - AAA, WLAN; MAIA: Y; Frequency: 2412.0 MHz
Medium: 2450 Head; Medium parameters used:
f = 2412.0 MHz; cond = 1.83 S/m; perm = 39.8; density = 1000 kg/m^3
Phantom Section: Right Head; Space: 0.00 mm

Test Date: 01/03/2022; Ambient Temp: 20.5°C; Tissue Temp: 20.5°C

Probe: EX3DV4 - SN7660; ConvF:(8.49,8.49,8.49); Calibrated: 2021-06-28
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1677; Calibrated: 2021-06-22
Phantom: Twin-SAM V8.0; Serial: 2056
Measurement SW: DASY Module SAR V16.0.0.65

Mode: IEEE 802.11b, Antenna 2, 22 MHz Bandwidth, Right Head, Cheek, Ch.1, 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 = 0.33 W/kg; Power Drift = -0.04 dB
Peak SAR (extrapolated) = 0.689 W/kg
SAR(1 g) = 0.291 W/kg
Smallest distance from peaks to all points 3 dB below is 5.9 mm
Ratio of SAR at M2 to SAR at M1 = 78.5 %



PCTEST

DUT: A3LSMS908JPN; Type: Portable Handset; Serial: 0114M

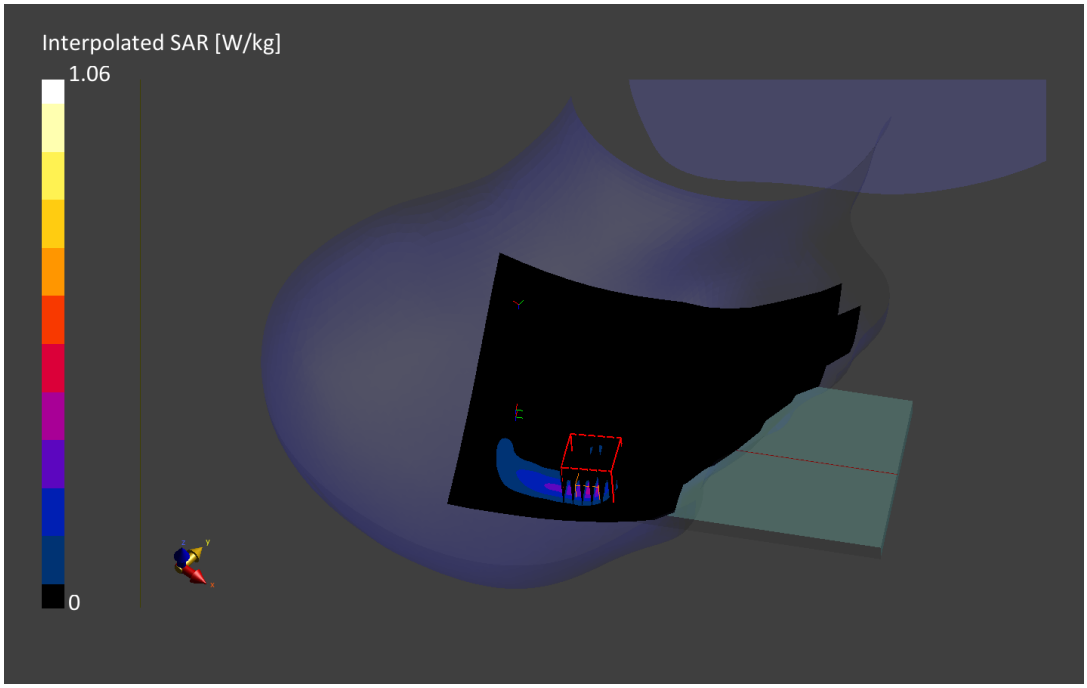
Communication System: UID:10626 - AAC, WLAN; MAIA: Y; Frequency: 5775.0 MHz
Medium: 5200-5800 Head; Medium parameters used:
f = 5775.0 MHz; cond = 5.37 S/m; perm = 35.2; density = 1000 kg/m^3
Phantom Section: Right Head; Space: 0.00 mm

Test Date: 01/03/2022; Ambient Temp: 20.1°C; Tissue Temp: 21.0°C

Probe: EX3DV4 - SN7668; ConvF:(4.68,4.68,4.68); Calibrated: 2021-08-04
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1272; Calibrated: 2021-03-18
Phantom: Twin-SAM V8.0; Serial: 20063
Measurement SW: DASY Module SAR V16.0.0.116

Mode: IEEE 802.11ac, U-NII-3, MIMO, 80 MHz Bandwidth, Right Head, Cheek, Ch. 155, 58.5 Mbps

Area Scan (120.0 x 200.0): Measurement grid: dx=10.0 mm, dy=10.0 mm
Zoom Scan (22.0 x 22.0 x 22.0): Measurement grid: dx=4.0 mm, dy=4.0 mm, dz=1.4 mm; Graded Ratio: 1.4
Reference Value = 0.16 W/kg; Power Drift = 0.12 dB
Peak SAR (extrapolated) = 1.06 W/kg
SAR(1 g) = 0.235 W/kg
Smallest distance from peaks to all points 3 dB below is 5.0 mm
Ratio of SAR at M2 to SAR at M1 = 56.0 %



PCTEST

DUT: A3LSMS908JPN; Type: Portable Handset; Serial: 0114M

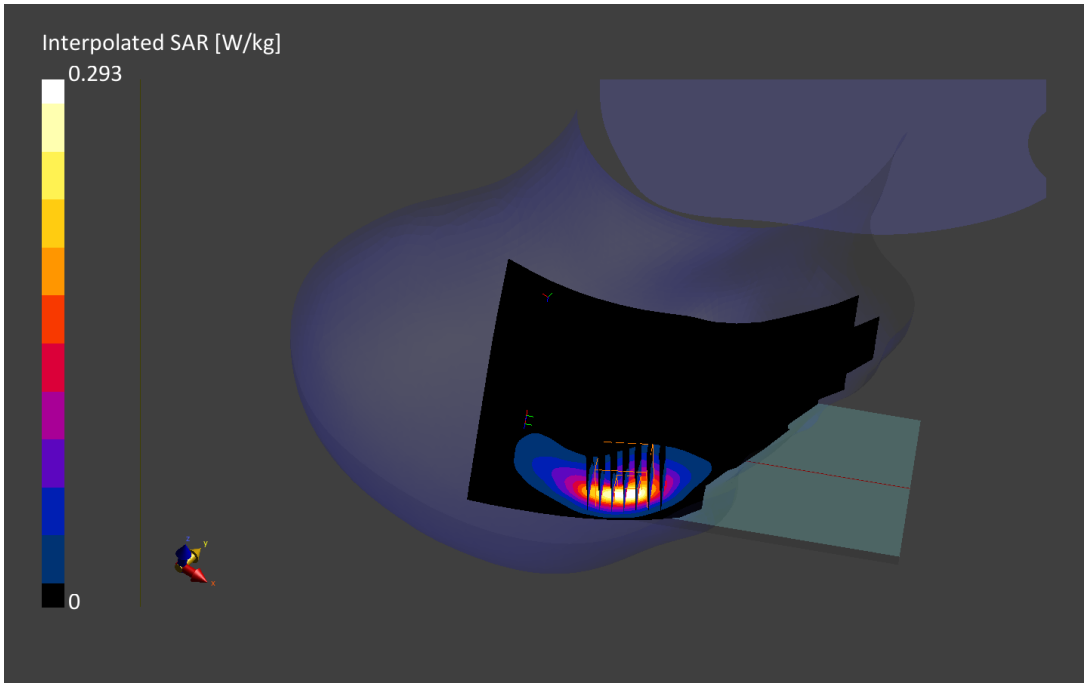
Communication System: UID:10032 - CAA, Bluetooth; MAIA: Y; Frequency: 2402.0 MHz
Medium: 2450 Head; Medium parameters used:
f = 2402.0 MHz; cond = 1.81 S/m; perm = 39.0; density = 1000 kg/m^3
Phantom Section: Right Head; Space: 0.00 mm

Test Date: 01/05/2022; Ambient Temp: 22.8°C; Tissue Temp: 22.0°C

Probe: EX3DV4 - SN7660; ConvF:(8.49,8.49,8.49); Calibrated: 2021-06-28
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1677; Calibrated: 2021-06-22
Phantom: Twin-SAM V8.0; Serial: 2056
Measurement SW: DASY Module SAR V16.0.0.65

Mode: Bluetooth, Antenna 2, Right Head, Cheek, Ch. 0, 1 Mbps

Area Scan (120.0 x 200.0): Measurement grid: dx=10.0 mm, dy=10.0 mm
Zoom Scan (30.0 x 30.0 x 30.0): Measurement grid: dx=5.0 mm, dy=5.0 mm, dz=1.5 mm; Graded Ratio: 1.5
Reference Value = 0.13 W/kg; Power Drift = 0.03 dB
Peak SAR (extrapolated) = 0.293 W/kg
SAR(1 g) = 0.123 W/kg
Smallest distance from peaks to all points 3 dB below is 5.9 mm
Ratio of SAR at M2 to SAR at M1 = 76.2 %



PCTEST

DUT: A3LSMS908JPN; Type: Portable Handset; Serial: 0132M

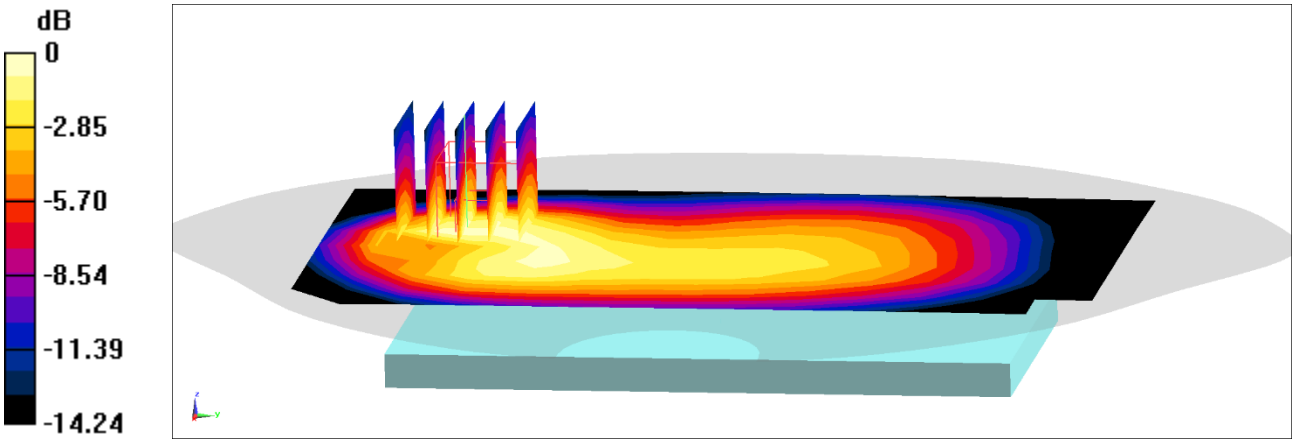
Communication System: UID 0, GSM; Frequency: 836.6 MHz; Duty Cycle: 1:8.3
Medium: 835 Body; Medium parameters used (interpolated):
f = 836.6 MHz; σ = 0.995 S/m; ε_r = 55.26; ρ = 1000 kg/m^3
Phantom section: Flat Section; Space: 1.5 cm

Test Date: 12/21/2021; Ambient Temp: 21.8°C; Tissue Temp: 21.6°C

Probe: EX3DV4 - SN7637; ConvF(10.77, 10.77, 10.77) @ 836.6 MHz; Calibrated: 3/3/2021
Sensor-Surface: 1.4mm (Mechanical Surface Detection)
Electronics: DAE4 Sn1652; Calibrated: 3/1/2021
Phantom: Twin-SAM V5.0; Type: QD 000 P40 CE; Serial: 1934
Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7501)

Mode: GSM 850, Body SAR, Back side, Mid.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 = 12.45 V/m; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 0.231 W/kg
SAR(1 g) = 0.142 W/kg
Smallest distance from peaks to all points 3 dB below = 14.3 mm
Ratio of SAR at M2 to SAR at M1 = 61.6%



0 dB = 0.199 W/kg = -7.01 dBW/kg

PCTEST

DUT: A3LSMS908JPN; Type: Portable Handset; Serial: 0132M

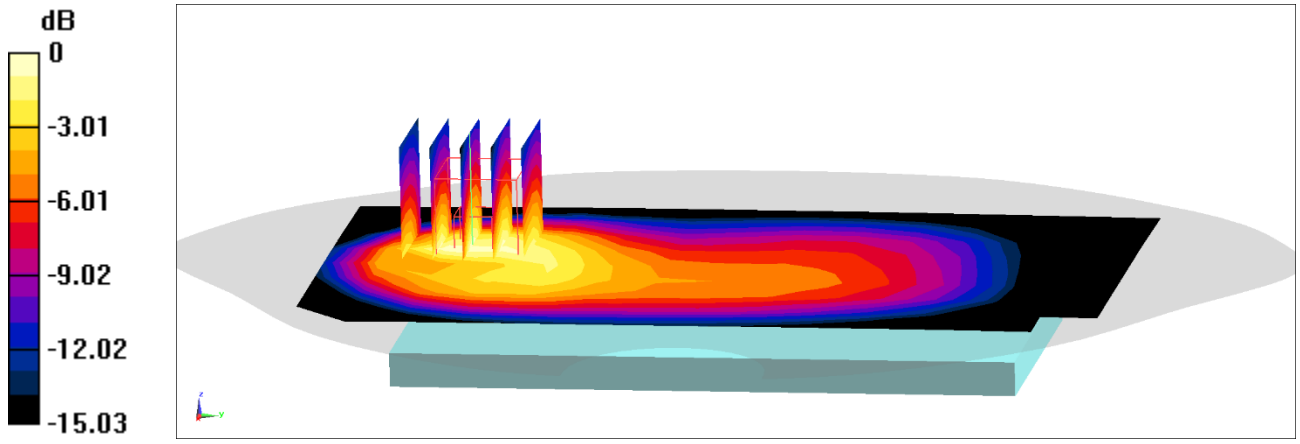
Communication System: UID 0, _GSM GPRS; 3 Tx slots; Frequency: 836.6 MHz; Duty Cycle: 1:2.76
Medium: 835 Body; Medium parameters used (interpolated):
f = 836.6 MHz; σ = 0.995 S/m; ε_r = 55.26; ρ = 1000 kg/m^3
Phantom section: Flat Section; Space: 1.0 cm

Test Date: 12/21/2021; Ambient Temp: 21.8°C; Tissue Temp: 21.6°C

Probe: EX3DV4 - SN7637; ConvF(10.77, 10.77, 10.77) @ 836.6 MHz; Calibrated: 3/3/2021
Sensor-Surface: 1.4mm (Mechanical Surface Detection)
Electronics: DAE4 Sn1652; Calibrated: 3/1/2021
Phantom: Twin-SAM V5.0; Type: QD 000 P40 CE; Serial: 1934
Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7501)

Mode: GPRS 850, Body SAR, Back side, Mid.ch, 3 Tx Slots

Area Scan (9x15x1): Measurement grid: dx=15mm, dy=15mm
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 18.03 V/m; Power Drift = 0.03 dB
Peak SAR (extrapolated) = 0.484 W/kg
SAR(1 g) = 0.295 W/kg
Smallest distance from peaks to all points 3 dB below = 12.8 mm
Ratio of SAR at M2 to SAR at M1 = 61.2%



0 dB = 0.421 W/kg = -3.76 dBW/kg

PCTEST

DUT: A3LSMS908JPN; Type: Portable Handset; Serial: 0115M

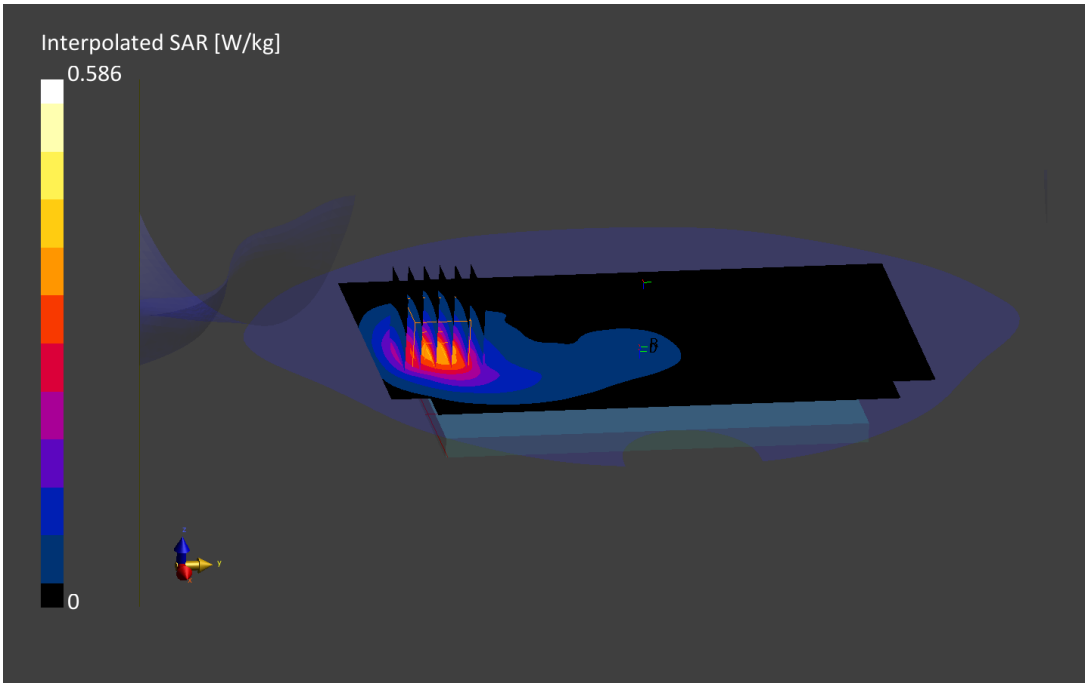
Communication System: UID:10021 - DAC, GSM; MAIA: Y; Frequency: 1909.8 MHz
Medium: 1900 Body; Medium parameters used:
f = 1909.8 MHz; cond = 1.59 S/m; perm = 52.4; density = 1000 kg/m^3
Phantom Section: Flat; Space: 15.00 mm

Test Date: 12/27/2021; Ambient Temp: 23.6°C; Tissue Temp: 23.7°C

Probe: EX3DV4 - SN7410; ConvF:(7.7,7.7,7.7); Calibrated: 2021-07-20
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1583; Calibrated: 2021-07-13
Phantom: Twin-SAM V5.0; Serial: 1792
Measurement SW: DASY Module SAR V16.0.0.116

Mode: GSM 1900, Body SAR, Back side, High. ch

Area Scan (120.0 x 210.0): Measurement grid: dx=15.0 mm, dy=15.0 mm
Zoom Scan (30.0 x 30.0 x 30.0): Measurement grid: dx=6.0 mm, dy=6.0 mm, dz=1.5 mm; Graded Ratio: 1.5
Reference Value = 0.35 W/kg; Power Drift = -0.04 dB
Peak SAR (extrapolated) = 0.586 W/kg
SAR(1 g) = 0.352 W/kg
Smallest distance from peaks to all points 3 dB below is 13.2 mm
Ratio of SAR at M2 to SAR at M1 = 85.9 %



PCTEST

DUT: A3LSMS908JPN; Type: Portable Handset; Serial: 0115M

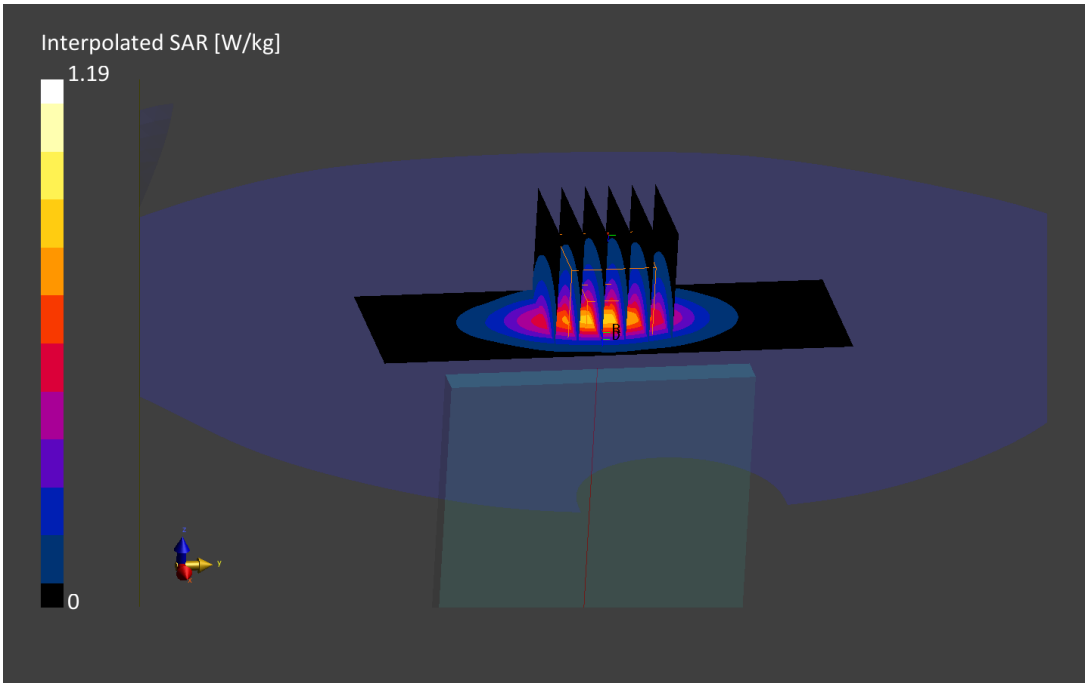
Communication System: UID:10028 - DAC, GSM; MAIA: Y; Frequency: 1909.8 MHz
Medium: 1900 Body; Medium parameters used:
f = 1909.8 MHz; cond = 1.59 S/m; perm = 52.4; density = 1000 kg/m^3
Phantom Section: Flat; Space: 10.00 mm

Test Date: 12/27/2021; Ambient Temp: 23.6°C; Tissue Temp: 23.7°C

Probe: EX3DV4 - SN7410; ConvF:(7.7,7.7,7.7); Calibrated: 2021-07-20
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1583; Calibrated: 2021-07-13
Phantom: Twin-SAM V5.0; Serial: 1792
Measurement SW: DASY Module SAR V16.0.0.116

Mode: GPRS 1900, Body SAR, Bottom edge, High. ch, 4 Tx Slots

Area Scan (40.0 x 120.0): Measurement grid: dx=5.0 mm, dy=15.0 mm
Zoom Scan (30.0 x 30.0 x 30.0): Measurement grid: dx=6.0 mm, dy=6.0 mm, dz=1.5 mm; Graded Ratio: 1.5
Reference Value = 0.66 W/kg; Power Drift = 0.00 dB
Peak SAR (extrapolated) = 1.18 W/kg
SAR(1 g) = 0.662 W/kg
Smallest distance from peaks to all points 3 dB below is 10.8 mm
Ratio of SAR at M2 to SAR at M1 = 83.3 %



PCTEST

DUT: A3LSMS908JPN; Type: Portable Handset; Serial: 0132M

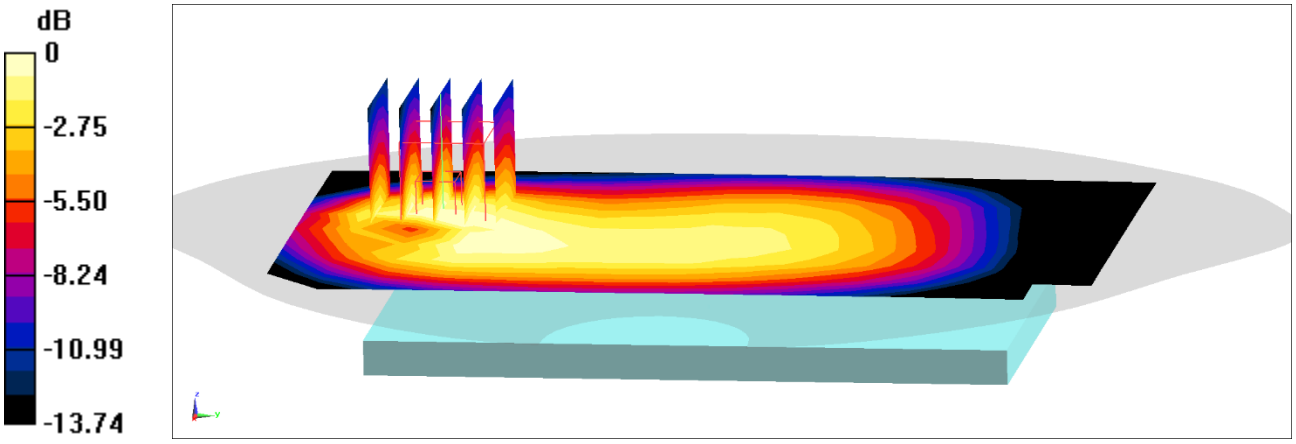
Communication System: UID 0, UMTS; Frequency: 826.4 MHz; Duty Cycle: 1:1
Medium: 835 Body; Medium parameters used (interpolated):
f = 826.4 MHz; σ = 1.003 S/m; ε_r = 55.846; ρ = 1000 kg/m^3
Phantom section: Flat Section; Space: 1.5 cm

Test Date: 12/30/2021; Ambient Temp: 22.0°C; Tissue Temp: 22.2°C

Probe: EX3DV4 - SN7637; ConvF(10.77, 10.77, 10.77) @ 826.4 MHz; Calibrated: 3/3/2021
Sensor-Surface: 1.4mm (Mechanical Surface Detection)
Electronics: DAE4 Sn1652; Calibrated: 3/1/2021
Phantom: Twin-SAM V5.0; Type: QD 000 P40 CE; Serial: 1934
Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7501)

Mode: UMTS 850, 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 = 13.30 V/m; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 0.264 W/kg
SAR(1 g) = 0.163 W/kg
Smallest distance from peaks to all points 3 dB below = 14.3 mm
Ratio of SAR at M2 to SAR at M1 = 63.3%



0 dB = 0.226 W/kg = -6.46 dBW/kg

PCTEST

DUT: A3LSMS908JPN; Type: Portable Handset; Serial: 0132M

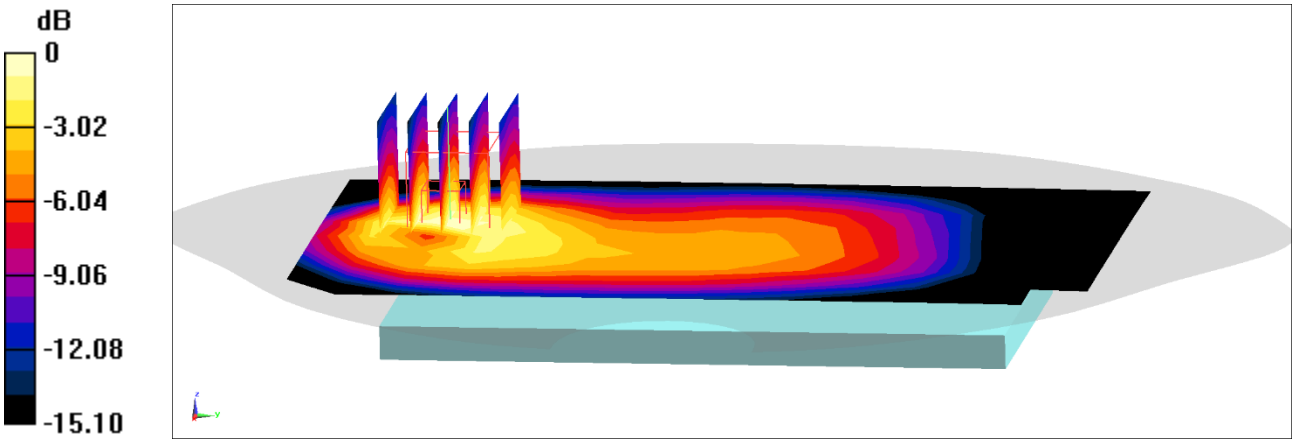
Communication System: UID 0, UMTS; Frequency: 826.4 MHz; Duty Cycle: 1:1
Medium: 835 Body; Medium parameters used (interpolated):
f = 826.4 MHz; σ = 1.003 S/m; ε_r = 55.846; ρ = 1000 kg/m^3
Phantom section: Flat Section; Space: 1.0 cm

Test Date: 12/30/2021; Ambient Temp: 22.0°C; Tissue Temp: 22.2°C

Probe: EX3DV4 - SN7637; ConvF(10.77, 10.77, 10.77) @ 826.4 MHz; Calibrated: 3/3/2021
Sensor-Surface: 1.4mm (Mechanical Surface Detection)
Electronics: DAE4 Sn1652; Calibrated: 3/1/2021
Phantom: Twin-SAM V5.0; Type: QD 000 P40 CE; Serial: 1934
Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7501)

Mode: UMTS 850, 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 = 19.11 V/m; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 0.569 W/kg
SAR(1 g) = 0.337 W/kg
Smallest distance from peaks to all points 3 dB below = 12.8 mm
Ratio of SAR at M2 to SAR at M1 = 60.4%



0 dB = 0.478 W/kg = -3.21 dBW/kg

PCTEST

DUT: A3LSMS908JPN; Type: Portable Handset; Serial: 0110M

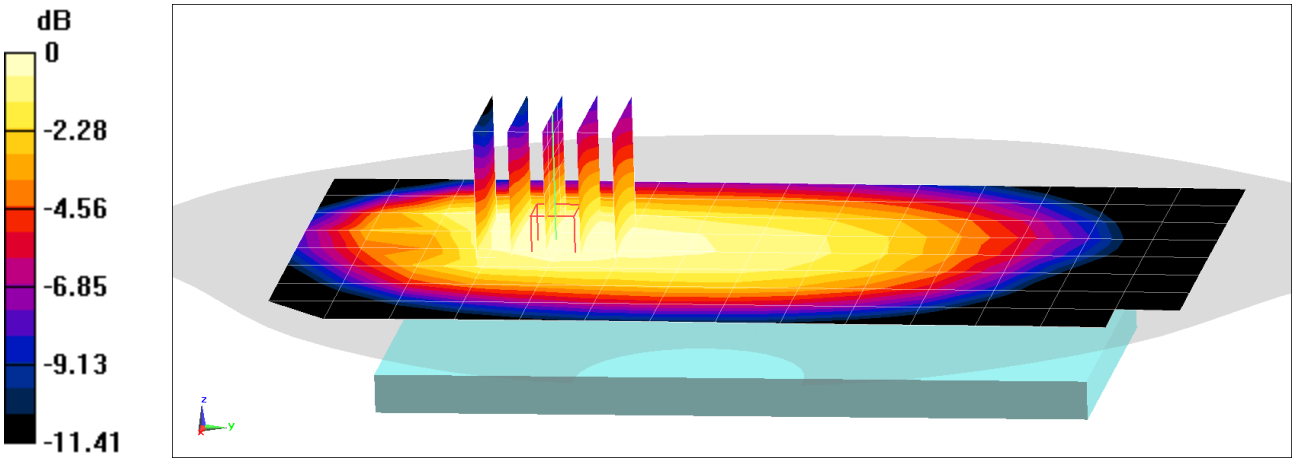
Communication System: UID 0, LTE Band 12; Frequency: 707.5 MHz; Duty Cycle: 1:1
Medium: 750 Body; Medium parameters used (interpolated):
f = 707.5 MHz; σ = 0.979 S/m; ε_r = 53.799; ρ = 1000 kg/m^3
Phantom section: Flat Section; Space: 1.5 cm

Test Date: 01/04/2022; Ambient Temp: 22.6°C; Tissue Temp: 22.3°C

Probe: EX3DV4 - SN7558; ConvF(10.38, 10.38, 10.38) @ 707.5 MHz; Calibrated: 9/17/2021
Sensor-Surface: 1.4mm (Mechanical Surface Detection)
Electronics: DAE4 Sn1364; Calibrated: 9/13/2021
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, 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 = 11.86 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 0.183 W/kg
SAR(1 g) = 0.131 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 = 72%



0 dB = 0.161 W/kg = -7.93 dBW/kg

PCTEST

DUT: A3LSMS908JPN; Type: Portable Handset; Serial: 0110M

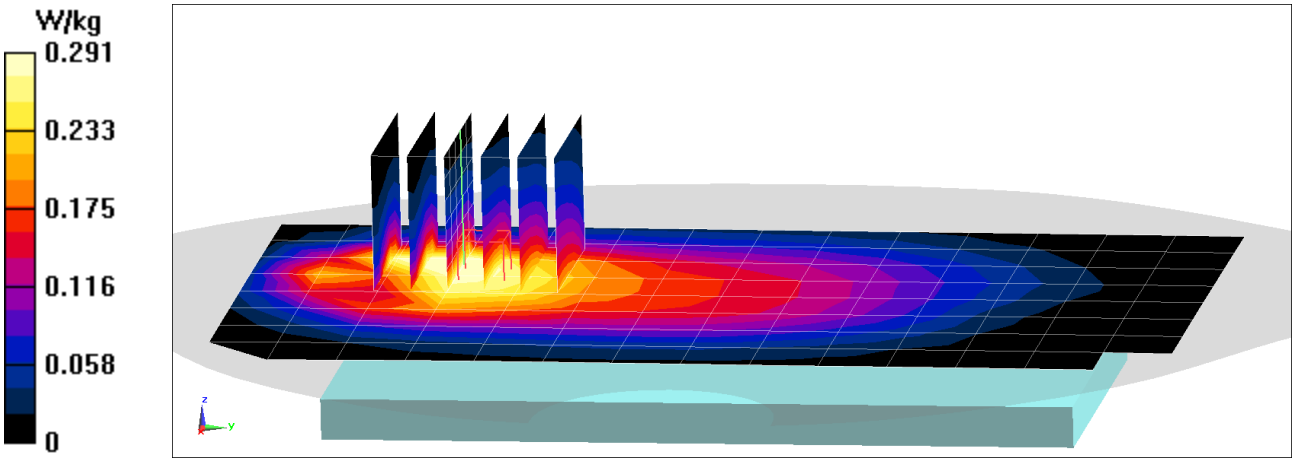
Communication System: UID 0, LTE Band 12; Frequency: 707.5 MHz; Duty Cycle: 1:1
Medium: 750 Body; Medium parameters used (interpolated):
f = 707.5 MHz; σ = 0.979 S/m; ε_r = 53.799; ρ = 1000 kg/m^3
Phantom section: Flat Section; Space: 1.0 cm

Test Date: 01/04/2022; Ambient Temp: 22.6°C; Tissue Temp: 22.3°C

Probe: EX3DV4 - SN7558; ConvF(10.38, 10.38, 10.38) @ 707.5 MHz; Calibrated: 9/17/2021
Sensor-Surface: 1.4mm (Mechanical Surface Detection)
Electronics: DAE4 Sn1364; Calibrated: 9/13/2021
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, 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 (6x6x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 15.52 V/m; Power Drift = -0.06 dB
Peak SAR (extrapolated) = 0.365 W/kg
SAR(1 g) = 0.222 W/kg
Smallest distance from peaks to all points 3 dB below = 18.1 mm
Ratio of SAR at M2 to SAR at M1 = 61%



PCTEST

DUT: A3LSMS908JPN; Type: Portable Handset; Serial: 0110M

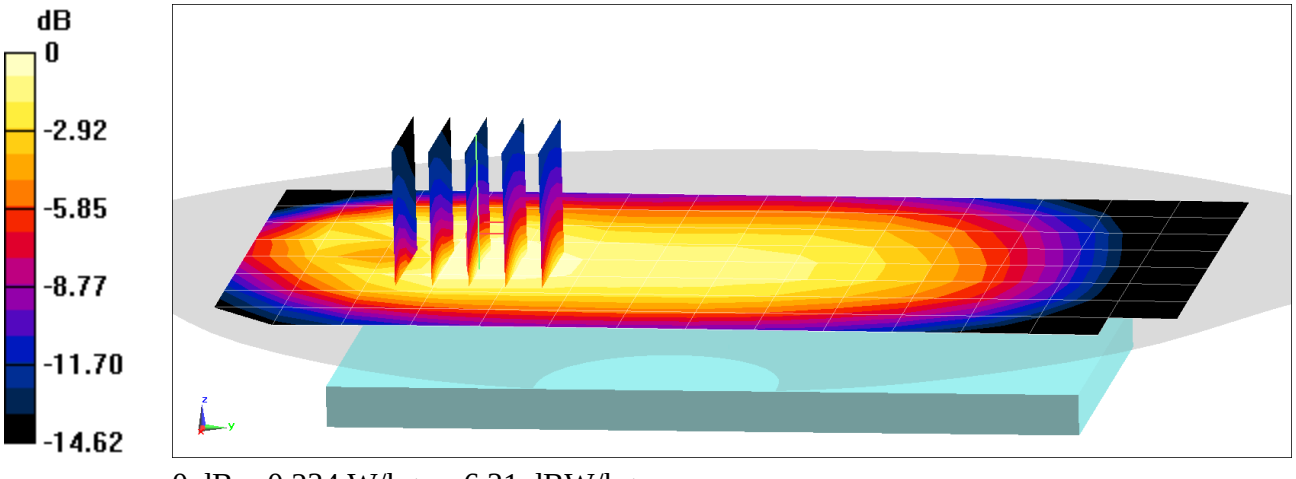
Communication System: UID 0, LTE Band 13; Frequency: 782 MHz; Duty Cycle: 1:1
Medium: 750 Body; Medium parameters used (interpolated):
f = 782 MHz; σ = 1.007 S/m; ε_r = 53.653; ρ = 1000 kg/m^3
Phantom section: Flat Section; Space: 1.5 cm

Test Date: 01/04/2022; Ambient Temp: 22.6°C; Tissue Temp: 22.3°C

Probe: EX3DV4 - SN7558; ConvF(10.38, 10.38, 10.38) @ 782 MHz; Calibrated: 9/17/2021
Sensor-Surface: 1.4mm (Mechanical Surface Detection)
Electronics: DAE4 Sn1364; Calibrated: 9/13/2021
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, 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 = 13.87 V/m; Power Drift = 0.08 dB
Peak SAR (extrapolated) = 0.261 W/kg
SAR(1 g) = 0.187 W/kg
Smallest distance from peaks to all points 3 dB below = 19.3 mm
Ratio of SAR at M2 to SAR at M1 = 72.4%



0 dB = 0.234 W/kg = -6.31 dBW/kg

PCTEST

DUT: A3LSMS908JPN; Type: Portable Handset; Serial: 0110M

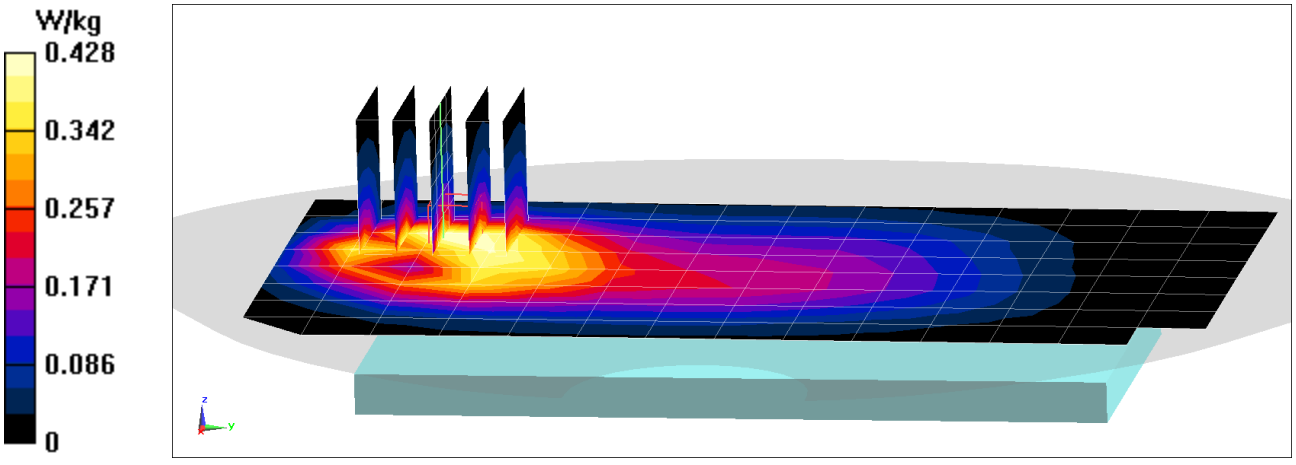
Communication System: UID 0, LTE Band 13; Frequency: 782 MHz; Duty Cycle: 1:1
Medium: 750 Body; Medium parameters used (interpolated):
f = 782 MHz; σ = 1.007 S/m; ε_r = 53.653; ρ = 1000 kg/m^3
Phantom section: Flat Section; Space: 1.0 cm

Test Date: 01/04/2022; Ambient Temp: 22.6°C; Tissue Temp: 22.3°C

Probe: EX3DV4 - SN7558; ConvF(10.38, 10.38, 10.38) @ 782 MHz; Calibrated: 9/17/2021
Sensor-Surface: 1.4mm (Mechanical Surface Detection)
Electronics: DAE4 Sn1364; Calibrated: 9/13/2021
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, 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 = 18.55 V/m; Power Drift = -0.02 dB
Peak SAR (extrapolated) = 0.590 W/kg
SAR(1 g) = 0.326 W/kg
Smallest distance from peaks to all points 3 dB below = 12.8 mm
Ratio of SAR at M2 to SAR at M1 = 56.5%



PCTEST

DUT: A3LSMS908JPN; Type: Portable Handset; Serial: 0132M

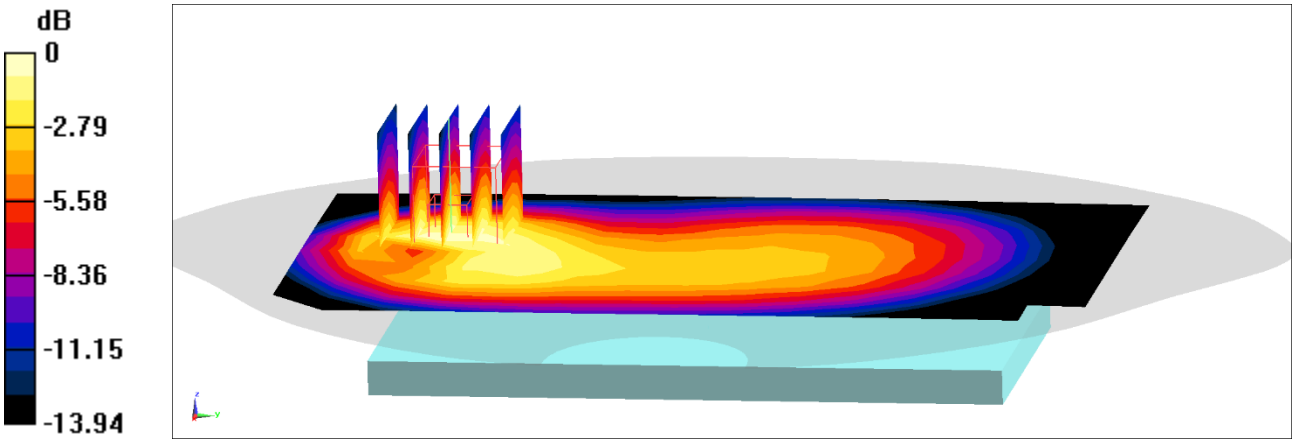
Communication System: UID 0, LTE Band 5; Frequency: 836.5 MHz; Duty Cycle: 1:1
Medium: 835 Body; Medium parameters used (interpolated):
f = 836.5 MHz; σ = 1.007 S/m; ε_r = 55.811; ρ = 1000 kg/m^3
Phantom section: Flat Section; Space: 1.5 cm

Test Date: 12/30/2021; Ambient Temp: 22.0°C; Tissue Temp: 22.2°C

Probe: EX3DV4 - SN7637; ConvF(10.77, 10.77, 10.77) @ 836.5 MHz; Calibrated: 3/3/2021
Sensor-Surface: 1.4mm (Mechanical Surface Detection)
Electronics: DAE4 Sn1652; Calibrated: 3/1/2021
Phantom: Twin-SAM V5.0; Type: QD 000 P40 CE; Serial: 1934
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 (9x15x1): Measurement grid: dx=15mm, dy=15mm
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 14.18 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 0.300 W/kg
SAR(1 g) = 0.187 W/kg
Smallest distance from peaks to all points 3 dB below = 12.8 mm
Ratio of SAR at M2 to SAR at M1 = 63.1%



0 dB = 0.260 W/kg = -5.85 dBW/kg

PCTEST

DUT: A3LSMS908JPN; Type: Portable Handset; Serial: 0132M

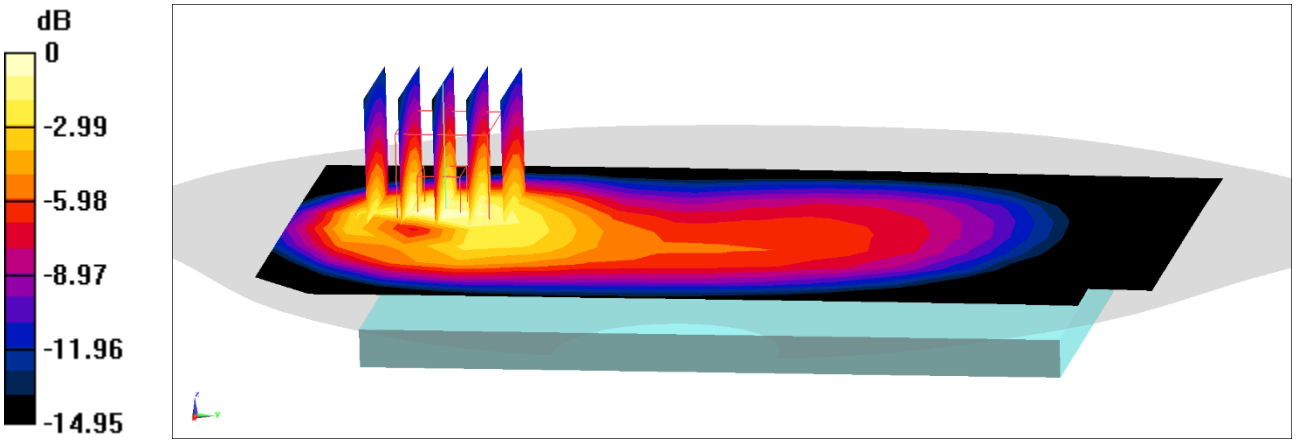
Communication System: UID 0, LTE Band 5; Frequency: 836.5 MHz; Duty Cycle: 1:1
Medium: 835 Body; Medium parameters used (interpolated):
f = 836.5 MHz; σ = 1.007 S/m; ε_r = 55.811; ρ = 1000 kg/m^3
Phantom section: Flat Section; Space: 1.0 cm

Test Date: 12/30/2021; Ambient Temp: 22.0°C; Tissue Temp: 22.2°C

Probe: EX3DV4 - SN7637; ConvF(10.77, 10.77, 10.77) @ 836.5 MHz; Calibrated: 3/3/2021
Sensor-Surface: 1.4mm (Mechanical Surface Detection)
Electronics: DAE4 Sn1652; Calibrated: 3/1/2021
Phantom: Twin-SAM V5.0; Type: QD 000 P40 CE; Serial: 1934
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 (9x15x1): Measurement grid: dx=15mm, dy=15mm
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 20.95 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 0.688 W/kg
SAR(1 g) = 0.405 W/kg
Smallest distance from peaks to all points 3 dB below = 12.2 mm
Ratio of SAR at M2 to SAR at M1 = 60.3%



0 dB = 0.578 W/kg = -2.38 dBW/kg

PCTEST

DUT: A3LSMS908JPN; Type: Portable Handset; Serial: 0124M

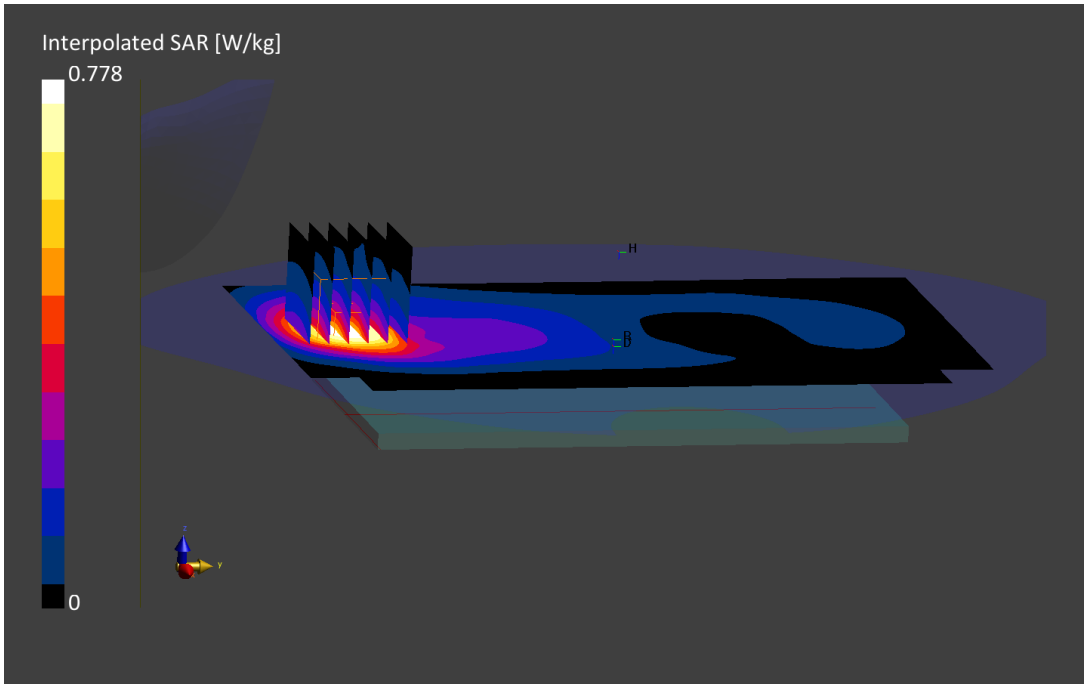
Communication System: UID:10169 - CAE, LTE-FDD; MAIA: Y; Frequency: 1732.5 MHz
Medium: 1750 Body; Medium parameters used:
f = 1732.5 MHz; cond = 1.50 S/m; perm = 51.2; density = 1000 kg/m3
Phantom Section: Flat; Space: 15.00 mm

Test Date: 01/17/2022; Ambient Temp: 22.1°C; Tissue Temp: 20.2°C

Probe: EX3DV4 - SN7571; ConvF:(8.0,8.0,8.0); Calibrated: 2021-12-10
Sensor-Surface: 1.4mm (All points)
Electronics: DAE4 Sn859; Calibrated: 2021-12-08
Phantom: Twin-SAM V5.0; Serial: 1646
Measurement SW: DASY Module SAR V16.0.0.116

Mode: LTE Band 4, Body SAR, Back side, Mid.ch, 20 MHz Bandwidth, QPSK, 1 RB, 50 RB Offset

Area Scan (120.0 x 210.0): Measurement grid: dx=15.0 mm, dy=15.0 mm
Zoom Scan (30.0 x 30.0 x 30.0): Measurement grid: dx=6.0 mm, dy=6.0 mm, dz=1.5 mm; Graded Ratio: 1.5
Reference Value = 0.40 W/kg; Power Drift = 0.04 dB
Peak SAR (extrapolated) = 0.778 W/kg
SAR(1 g) = 0.466 W/kg
Smallest distance from peaks to all points 3 dB below is 14.4 mm
Ratio of SAR at M2 to SAR at M1 = 85.2 %



PCTEST

DUT: A3LSMS908JPN; Type: Portable Handset; Serial: 0124M

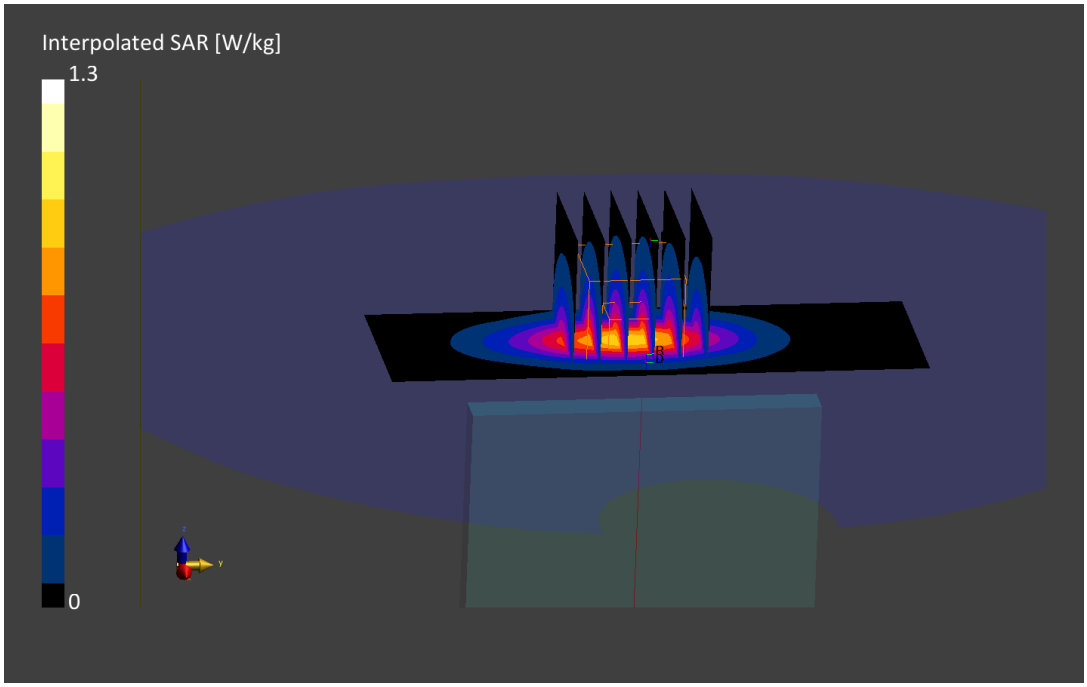
Communication System: UID:10297 - AAD, LTE-FDD; MAIA: Y; Frequency: 1732.5 MHz
Medium: 1750 Body; Medium parameters used:
f = 1732.5 MHz; cond = 1.45 S/m; perm = 53.7; density = 1000 kg/m^3
Phantom Section: Flat; Space: 10.00 mm

Test Date: 12/27/2021; Ambient Temp: 22.4°C; Tissue Temp: 21.0°C

Probe: EX3DV4 - SN7357; ConvF:(8.12,8.12,8.12); Calibrated: 2021-04-19
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1407; Calibrated: 2021-04-07
Phantom: Twin-SAM V5.0; Serial: 1757
Measurement SW: DASY Module SAR V16.0.0.116

Mode: LTE Band 4, Body SAR, Bottom edge, Mid.ch, 20 MHz Bandwidth, QPSK, 50 RB, 25 RB Offset

Area Scan (40.0 x 120.0): Measurement grid: dx=5.0 mm, dy=15.0 mm
Zoom Scan (30.0 x 30.0 x 30.0): Measurement grid: dx=6.0 mm, dy=6.0 mm, dz=1.5 mm; Graded Ratio: 1.5
Reference Value = 0.82 W/kg; Power Drift = 0.00 dB
Peak SAR (extrapolated) = 1.30 W/kg
SAR(1 g) = 0.751 W/kg
Smallest distance from peaks to all points 3 dB below is 9.6 mm
Ratio of SAR at M2 to SAR at M1 = 84.8 %



PCTEST

DUT: A3LSMS908JPN; Type: Portable Handset; Serial: 0095M

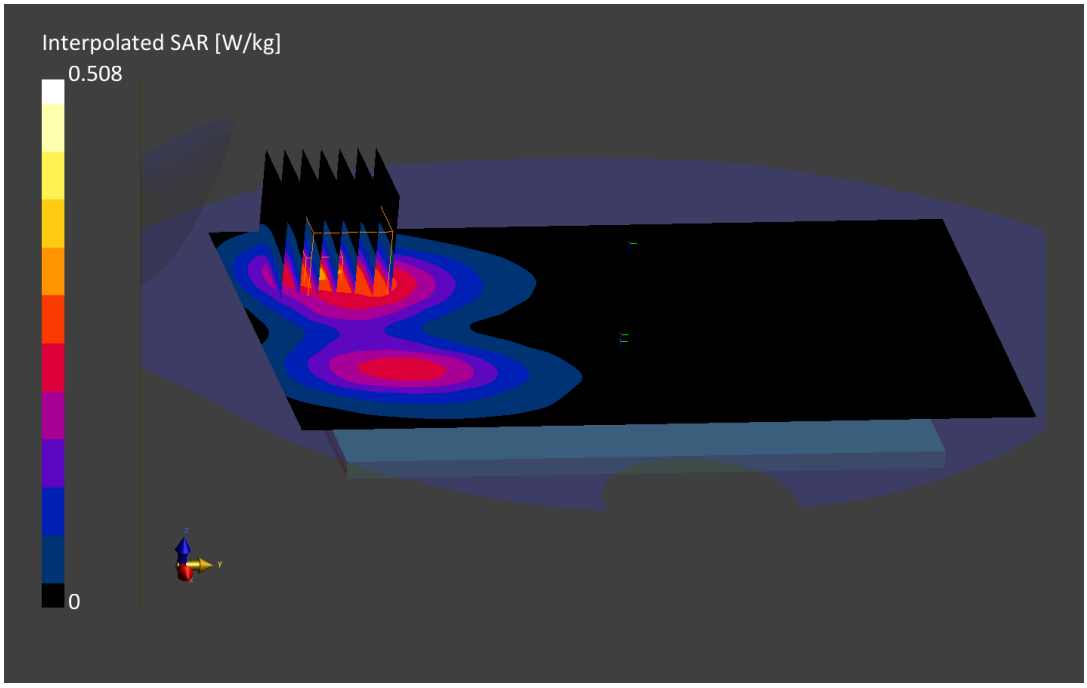
Communication System: UID:10435 - AAF, LTE-TDD; MAIA: Y; Frequency: 2636.5 MHz
Medium: 2450 Body; Medium parameters used:
f = 2636.5 MHz; cond = 2.13 S/m; perm = 52.7; density = 1000 kg/m^3
Phantom Section: Flat; Space: 15.00 mm

Test Date: 01/04/2022; Ambient Temp: 22.4°C; Tissue Temp: 22.1°C

Probe: EX3DV4 - SN3914; ConvF:(7.14,7.14,7.14); Calibrated: 2021-05-18
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn728; Calibrated: 2021-05-11
Phantom: Twin-SAM V5.0; Serial: 1873
Measurement SW: DASY Module SAR V16.0.0.116

Mode: LTE Band 41, ULCA, Body SAR, Back Side,
PCC: Ch. 41055, 20 MHz Bandwidth, QPSK, 1 RB, 0 RB Offset
SCC: Ch. 40857, 20 MHz Bandwidth, QPSK, 1 RB, 99 RB Offset

Area Scan (120.0 x 200.0): Measurement grid: dx=10.0 mm, dy=10.0 mm
Zoom Scan (30.0 x 30.0 x 30.0): Measurement grid: dx=5.0 mm, dy=5.0 mm, dz=1.5 mm; Graded Ratio: 1.5
Reference Value = 0.20 W/kg; Power Drift = 0.04 dB
Peak SAR (extrapolated) = 0.508 W/kg
SAR(1 g) = 0.246 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 = 76.7 %



PCTEST

DUT: A3LSMS908JPN; Type: Portable Handset; Serial: 0095M

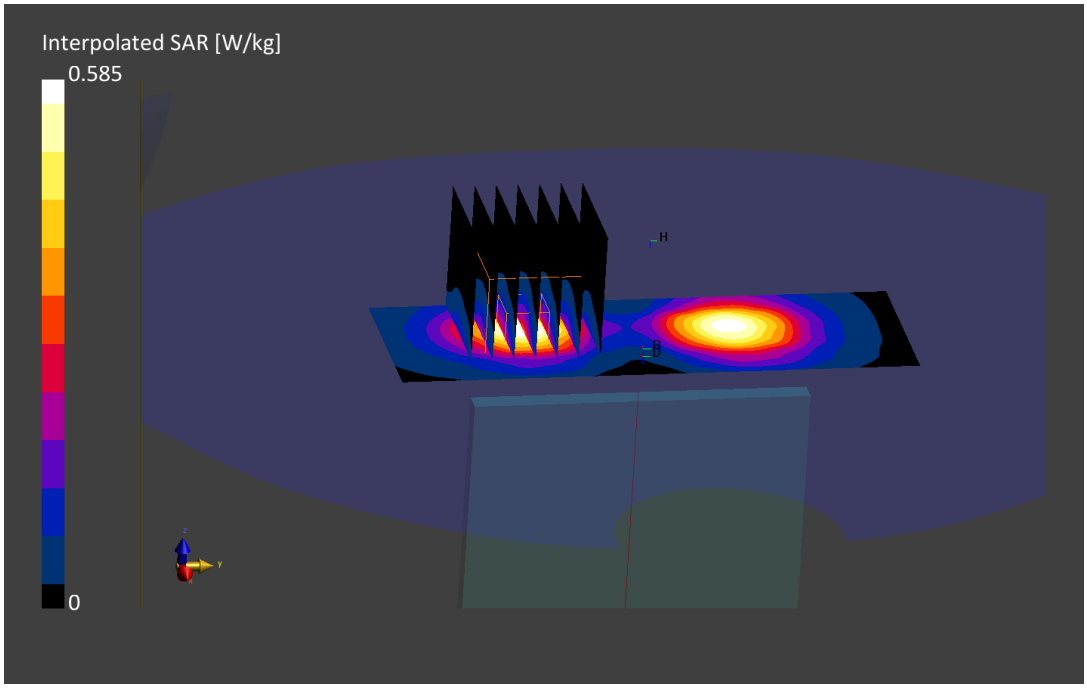
Communication System: UID:10435 - AAF, LTE-TDD; MAIA: Y; Frequency: 2636.5 MHz
Medium: 2450 Body; Medium parameters used:
f = 2636.5 MHz; cond = 2.13 S/m; perm = 52.7; density = 1000 kg/m^3
Phantom Section: Flat; Space: 10.00 mm

Test Date: 01/04/2022; Ambient Temp: 22.4°C; Tissue Temp: 22.1°C

Probe: EX3DV4 - SN3914; ConvF:(7.14,7.14,7.14); Calibrated: 2021-05-18
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn728; Calibrated: 2021-05-11
Phantom: Twin-SAM V5.0; Serial: 1873
Measurement SW: DASY Module SAR V16.0.0.116

Mode: LTE Band 41, Body SAR, Bottom Edge, Mid-high.ch, 20 MHz Bandwidth, QPSK, 1 RB, 50 RB Offset

Area Scan (40.0 x 120.0): Measurement grid: dx=5.0 mm, dy=10.0 mm
Zoom Scan (30.0 x 30.0 x 30.0): Measurement grid: dx=5.0 mm, dy=5.0 mm, dz=1.5 mm; Graded Ratio: 1.5
Reference Value = 0.21 W/kg; Power Drift = -0.13 dB
Peak SAR (extrapolated) = 0.585 W/kg
SAR(1 g) = 0.263 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 = 77.6 %



PCTEST

DUT: A3LSMS908JPN; Type: Portable Handset; Serial: 0114M

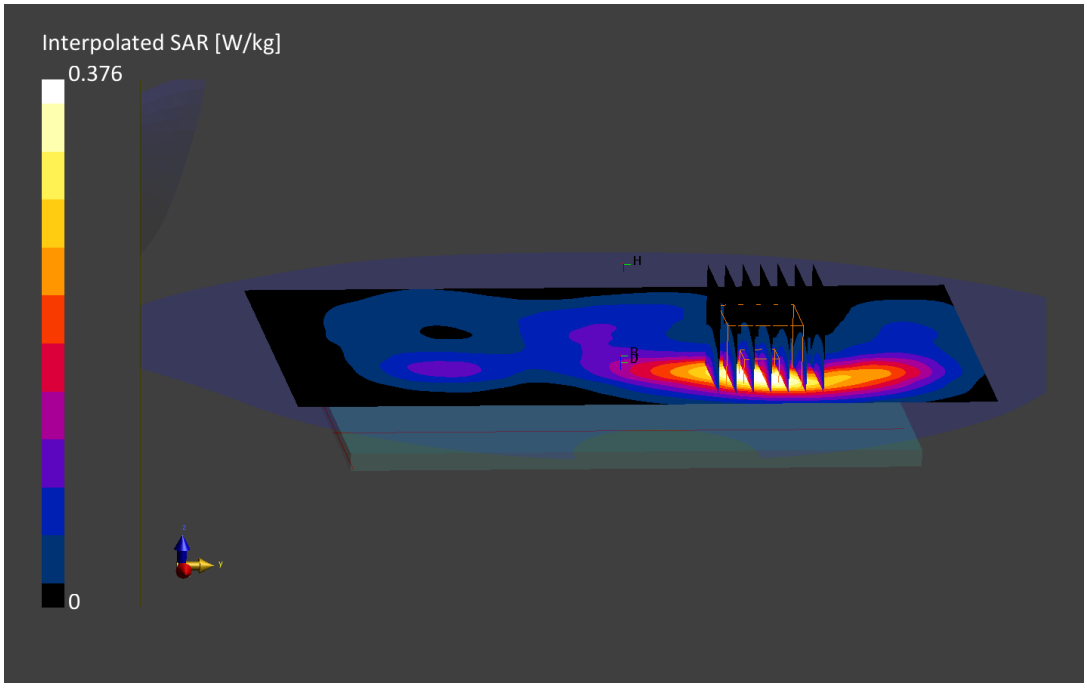
Communication System: UID:10415 - AAA, WLAN; MAIA: Y; Frequency: 2462.0 MHz
Medium: 2450 Body; Medium parameters used:
f = 2462.0 MHz; cond = 2.02 S/m; perm = 51.1; density = 1000 kg/m^3
Phantom Section: Flat; Space: 15.00 mm

Test Date: 01/02/2022; Ambient Temp: 22.0°C; Tissue Temp: 24.0°C

Probe: EX3DV4 - SN3914; ConvF:(7.33,7.33,7.33); Calibrated: 2021-05-18
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn728; Calibrated: 2021-05-11
Phantom: Twin-SAM V5.0; Serial: 1873
Measurement SW: DASY Module SAR V16.0.0.116

Mode: IEEE 802.11b, 22 MHz Bandwidth, Antenna 2, Body SAR, Back side, Ch. 11, 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 = 0.15 W/kg; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 0.376 W/kg
SAR(1 g) = 0.185 W/kg
Smallest distance from peaks to all points 3 dB below is 11.3 mm
Ratio of SAR at M2 to SAR at M1 = 78.4 %



PCTEST

DUT: A3LSMS908JPN; Type: Portable Handset; Serial: 0114M

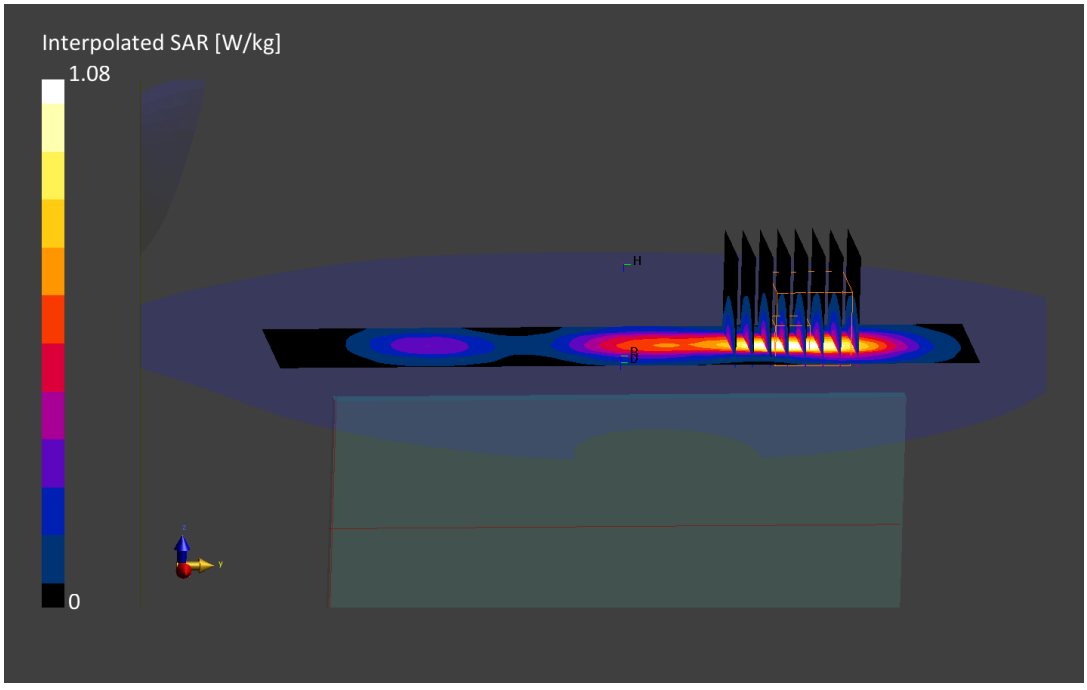
Communication System: UID:10415 - AAA, WLAN; MAIA: Y; Frequency: 2462.0 MHz
Medium: 2450 Body; Medium parameters used:
f = 2462.0 MHz; cond = 2.02 S/m; perm = 51.1; density = 1000 kg/m^3
Phantom Section: Flat; Space: 10.00 mm

Test Date: 01/02/2022; Ambient Temp: 22.0°C; Tissue Temp: 24.0°C

Probe: EX3DV4 - SN3914; ConvF:(7.33,7.33,7.33); Calibrated: 2021-05-18
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn728; Calibrated: 2021-05-11
Phantom: Twin-SAM V5.0; Serial: 1873
Measurement SW: DASY Module SAR V16.0.0.116

Mode: IEEE 802.11b, 22 MHz Bandwidth, Antenna 2, Body SAR, Left Edge, Ch. 11, 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 = 0.45 W/kg; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 1.09 W/kg
SAR(1 g) = 0.517 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 = 82.3 %



PCTEST

DUT: A3LSMS908JPN; Type: Portable Handset; Serial: 0114M

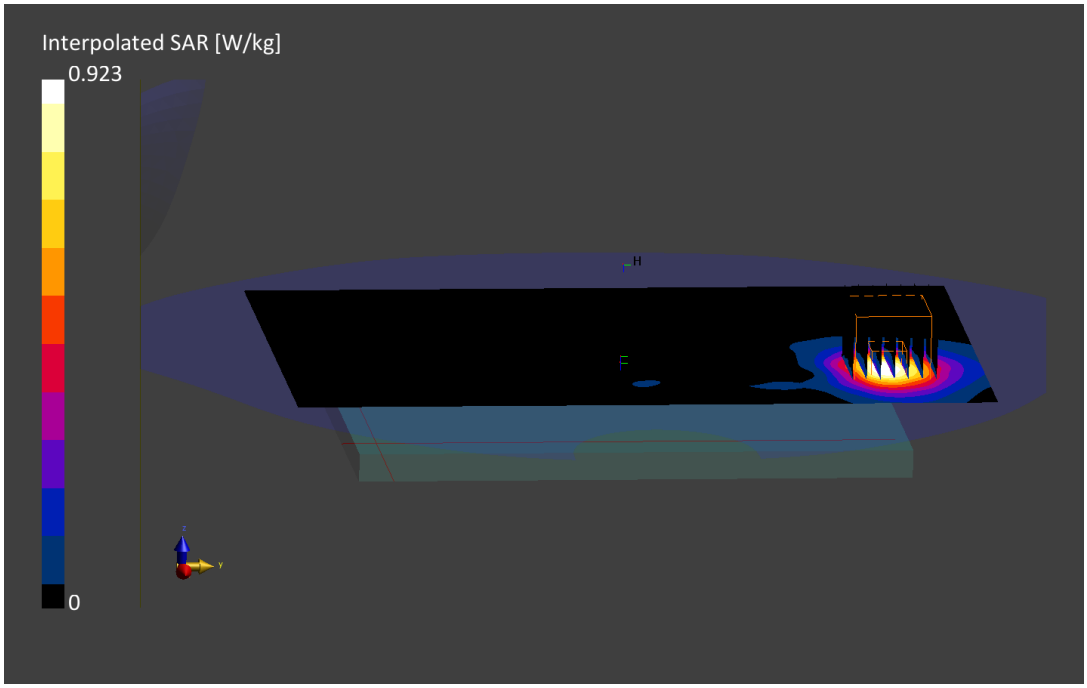
Communication System: UID:10626 - AAC, WLAN; MAIA: Y; Frequency: 5610.0 MHz
Medium: 5200-5800 Body; Medium parameters used:
f = 5610.0 MHz; cond = 5.92 S/m; perm = 47.4; density = 1000 kg/m^3
Phantom Section: Flat; Space: 15.00 mm

Test Date: 12/27/2021; Ambient Temp: 20.3°C; Tissue Temp: 21.0°C

Probe: EX3DV4 - SN7668; ConvF:(4.04,4.04,4.04); Calibrated: 2021-08-04
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1272; Calibrated: 2021-03-18
Phantom: Twin-SAM V5.0; Serial: 1800
Measurement SW: DASY Module SAR V16.0.0.116

Mode: IEEE 802.11ac, 80 MHz Bandwidth, UNII-2C, MIMO, Ch. 122, Body SAR, Back side, 58.5 Mbps

Area Scan (120.0 x 200.0): Measurement grid: dx=10.0 mm, dy=10.0 mm
Zoom Scan (22.0 x 22.0 x 22.0): Measurement grid: dx=4.0 mm, dy=4.0 mm, dz=1.4 mm; Graded Ratio: 1.4
Reference Value = 0.14 W/kg; Power Drift = 0.08 dB
Peak SAR (extrapolated) = 0.923 W/kg
SAR(1 g) = 0.250 W/kg
Smallest distance from peaks to all points 3 dB below is 11.1 mm
Ratio of SAR at M2 to SAR at M1 = 61.3 %



PCTEST

DUT: A3LSMS908JPN; Type: Portable Handset; Serial: 0114M

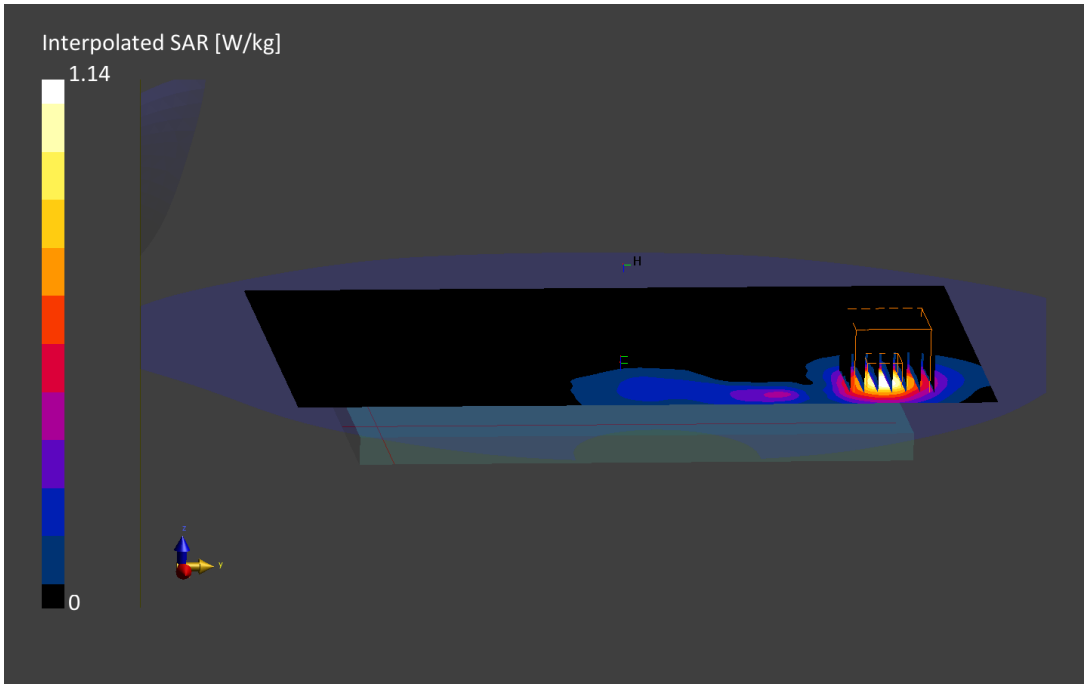
Communication System: UID:10626 - AAC, WLAN; MAIA: Y; Frequency: 5775.0 MHz
Medium: 5200-5800 Body; Medium parameters used:
f = 5775.0 MHz; cond = 6.17 S/m; perm = 47.1; density = 1000 kg/m^3
Phantom Section: Flat; Space: 10.00 mm

Test Date: 12/27/2021; Ambient Temp: 20.3°C; Tissue Temp: 21.0°C

Probe: EX3DV4 - SN7668; ConvF:(4.02,4.02,4.02); Calibrated: 2021-08-04
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1272; Calibrated: 2021-03-18
Phantom: Twin-SAM V5.0; Serial: 1800
Measurement SW: DASY Module SAR V16.0.0.116

Mode: IEEE 802.11ac, 80 MHz Bandwidth, UNII-3, MIMO, Ch. 155, Body SAR, Back side, 58.5 Mbps

Area Scan (120.0 x 200.0): Measurement grid: dx=10.0 mm, dy=10.0 mm
Zoom Scan (22.0 x 22.0 x 22.0): Measurement grid: dx=4.0 mm, dy=4.0 mm, dz=1.4 mm; Graded Ratio: 1.4
Reference Value = 0.16 W/kg; Power Drift = 0.03 dB
Peak SAR (extrapolated) = 1.14 W/kg
SAR(1 g) = 0.279 W/kg
Smallest distance from peaks to all points 3 dB below is 8.2 mm
Ratio of SAR at M2 to SAR at M1 = 57.2 %



PCTEST

DUT: A3LSMS908JPN; Type: Portable Handset; Serial: 0095M

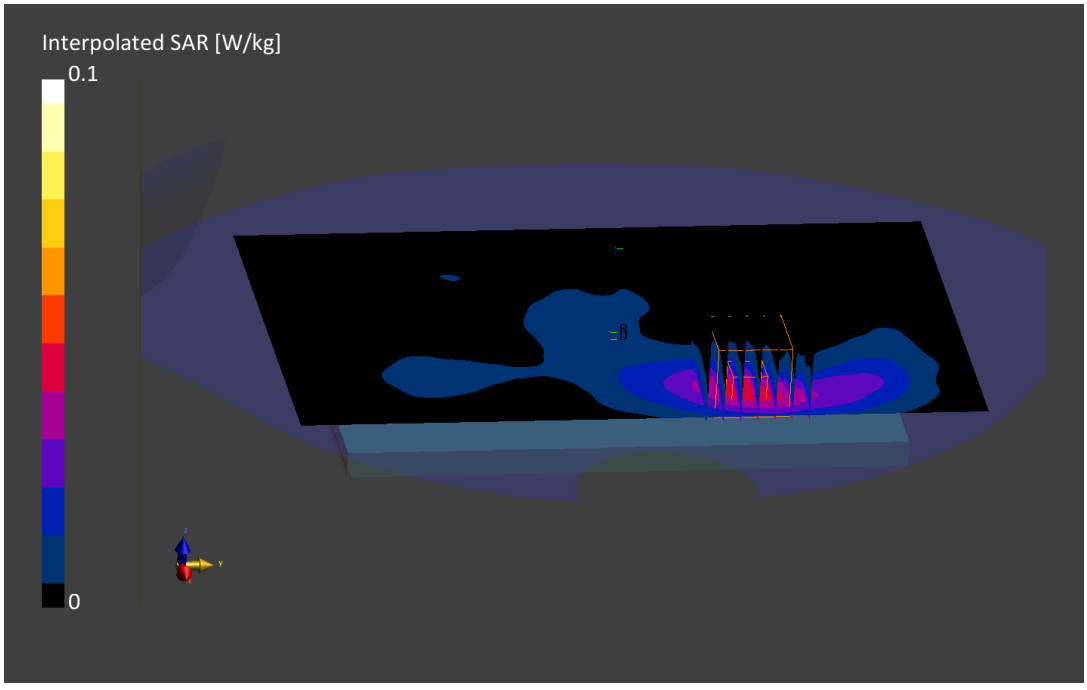
Communication System: UID:10032 - CAA, Bluetooth; MAIA: Y; Frequency: 2441.0 MHz
Medium: 2450 Body; Medium parameters used:
f = 2441.0 MHz; cond = 1.90 S/m; perm = 53.2; density = 1000 kg/m^3
Phantom Section: Flat; Space: 15.00 mm

Test Date: 01/04/2022; Ambient Temp: 22.4°C; Tissue Temp: 22.1°C

Probe: EX3DV4 - SN3914; ConvF:(7.33,7.33,7.33); Calibrated: 2021-05-18
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn728; Calibrated: 2021-05-11
Phantom: Twin-SAM V5.0; Serial: 1873
Measurement SW: DASY Module SAR V16.0.0.116

Mode: Bluetooth, Antenna 2, 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 = 0.02 dB
Peak SAR (extrapolated) = 0.081 W/kg
SAR(1 g) = 0.041 W/kg
Smallest distance from peaks to all points 3 dB below is > 15.0 mm
Ratio of SAR at M2 to SAR at M1 = 80.8 %



PCTEST

DUT: A3LSMS908JPN; Type: Portable Handset; Serial: 0095M

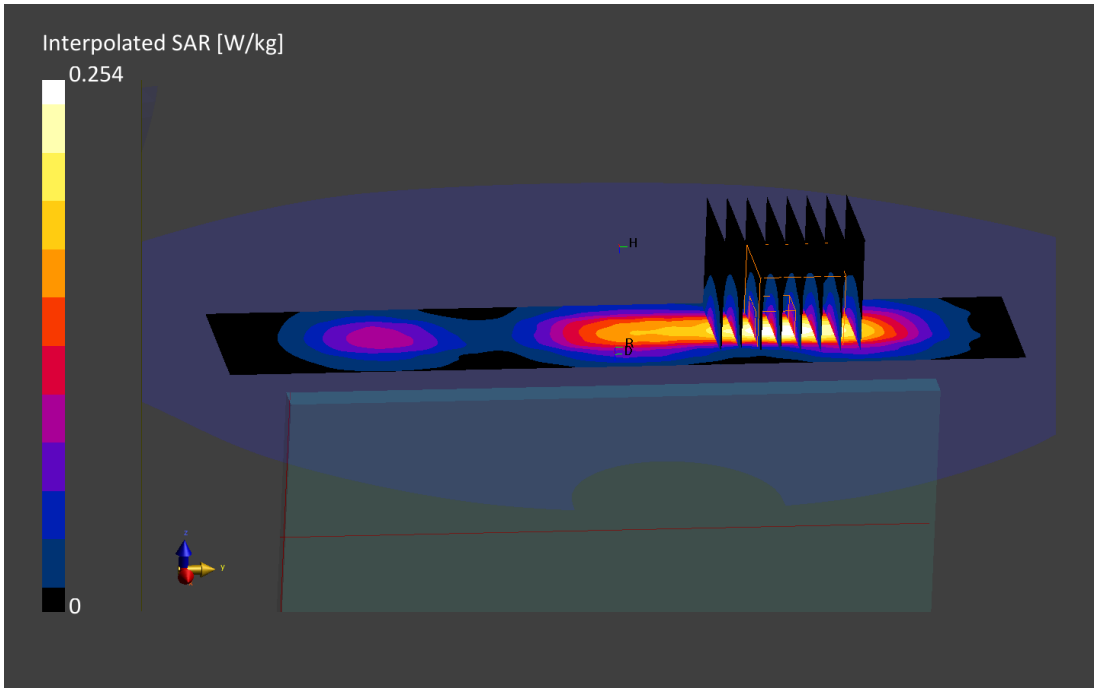
Communication System: UID:10032 - CAA, Bluetooth; MAIA: Y; Frequency: 2441.0 MHz
Medium: 2450 Body; Medium parameters used:
f = 2441.0 MHz; cond = 1.90 S/m; perm = 53.2; density = 1000 kg/m^3
Phantom Section: Flat; Space: 10.00 mm

Test Date: 01/04/2022; Ambient Temp: 22.4°C; Tissue Temp: 22.1°C

Probe: EX3DV4 - SN3914; ConvF:(7.33,7.33,7.33); Calibrated: 2021-05-18
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn728; Calibrated: 2021-05-11
Phantom: Twin-SAM V5.0; Serial: 1873
Measurement SW: DASY Module SAR V16.0.0.116

Mode: Bluetooth, Antenna 2, Body SAR, Left Edge, Ch. 39, 1Mbps

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 = 0.10 W/kg; Power Drift = -0.02 dB
Peak SAR (extrapolated) = 0.254 W/kg
SAR(1 g) = 0.116 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 = 78.5 %



PCTEST

DUT: A3LSMS908JPN; Type: Portable Handset; Serial: 0115M

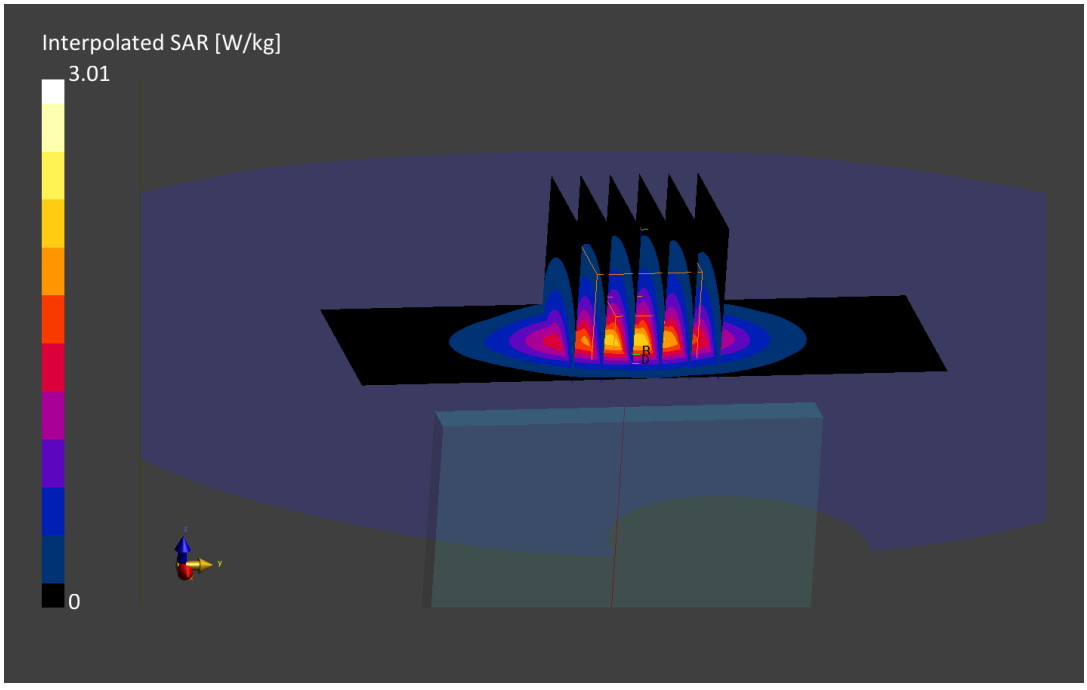
Communication System: UID:10027 - DAC, GSM; MAIA: Y; Frequency: 1909.8 MHz
Medium: 1900 Body; Medium parameters used:
f = 1909.8 MHz; cond = 1.59 S/m; perm = 52.4; density = 1000 kg/m^3
Phantom Section: Flat; Space: 12.00 mm

Test Date: 12/27/2021; Ambient Temp: 23.6°C; Tissue Temp: 23.7°C

Probe: EX3DV4 - SN7410; ConvF:(7.7,7.7,7.7); Calibrated: 2021-07-20
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1583; Calibrated: 2021-07-13
Phantom: Twin-SAM V5.0; Serial: 1792
Measurement SW: DASY Module SAR V16.0.0.116

Mode: GPRS 1900, Phablet SAR, Bottom edge, High.ch, 3 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 = 1.71 W/kg; Power Drift = -0.04 dB
Peak SAR (extrapolated) = 3.01 W/kg
SAR(10 g) = 0.909 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 = 83.6 %



PCTEST

DUT: A3LSMS908JPN; Type: Portable Handset; Serial: 0124M

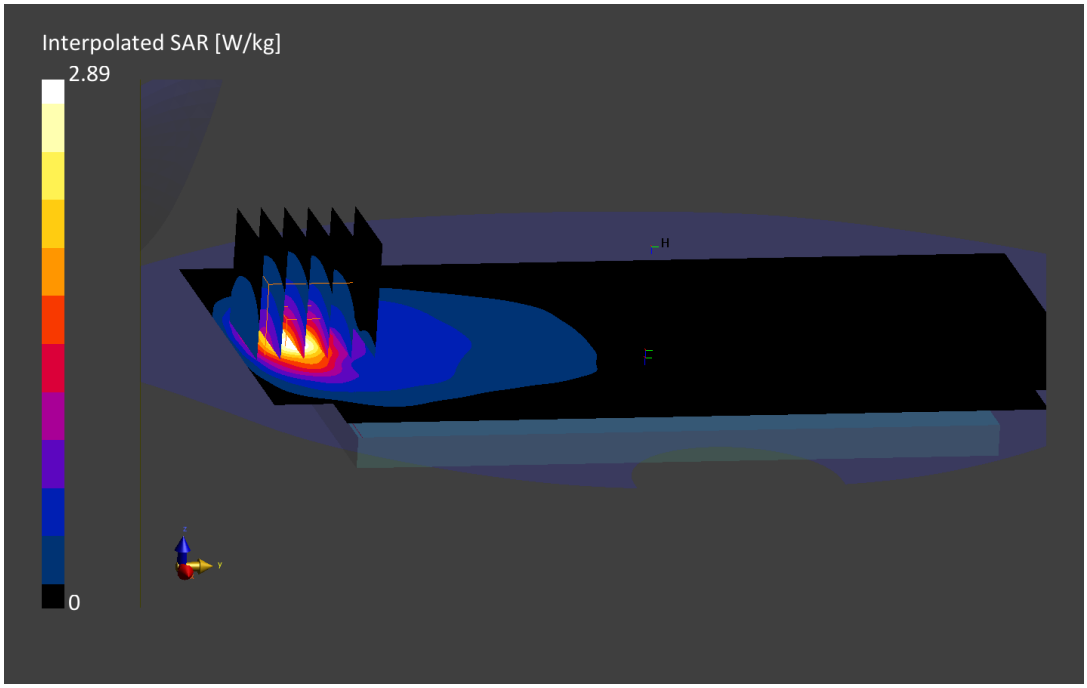
Communication System: UID:10169 - CAE, LTE-FDD; MAIA: Y; Frequency: 1732.5 MHz
Medium: 1750 Body; Medium parameters used:
f = 1732.5 MHz; cond = 1.45 S/m; perm = 53.7; density = 1000 kg/m^3
Phantom Section: Flat; Space: 6.00 mm

Test Date: 12/27/2021; Ambient Temp: 22.4°C; Tissue Temp: 21.0°C

Probe: EX3DV4 - SN7357; ConvF:(8.12,8.12,8.12); Calibrated: 2021-04-19
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1407; Calibrated: 2021-04-07
Phantom: Twin-SAM V5.0; Serial: 1757
Measurement SW: DASY Module SAR V16.0.0.116

Mode: LTE Band 4, Phablet SAR, Front side, Mid.ch, 20 MHz Bandwidth, QPSK, 1 RB, 50 RB Offset

Area Scan (120.0 x 210.0): Measurement grid: dx=15.0 mm, dy=15.0 mm
Zoom Scan (30.0 x 30.0 x 30.0): Measurement grid: dx=6.0 mm, dy=6.0 mm, dz=1.5 mm; Graded Ratio: 1.5
Reference Value = 1.83 W/kg; Power Drift = 0.06 dB
Peak SAR (extrapolated) = 2.89 W/kg
SAR(10 g) = 0.822 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 = 83.4 %



PCTEST

DUT: A3LSMS908JPN; Type: Portable Handset; Serial: 0095M

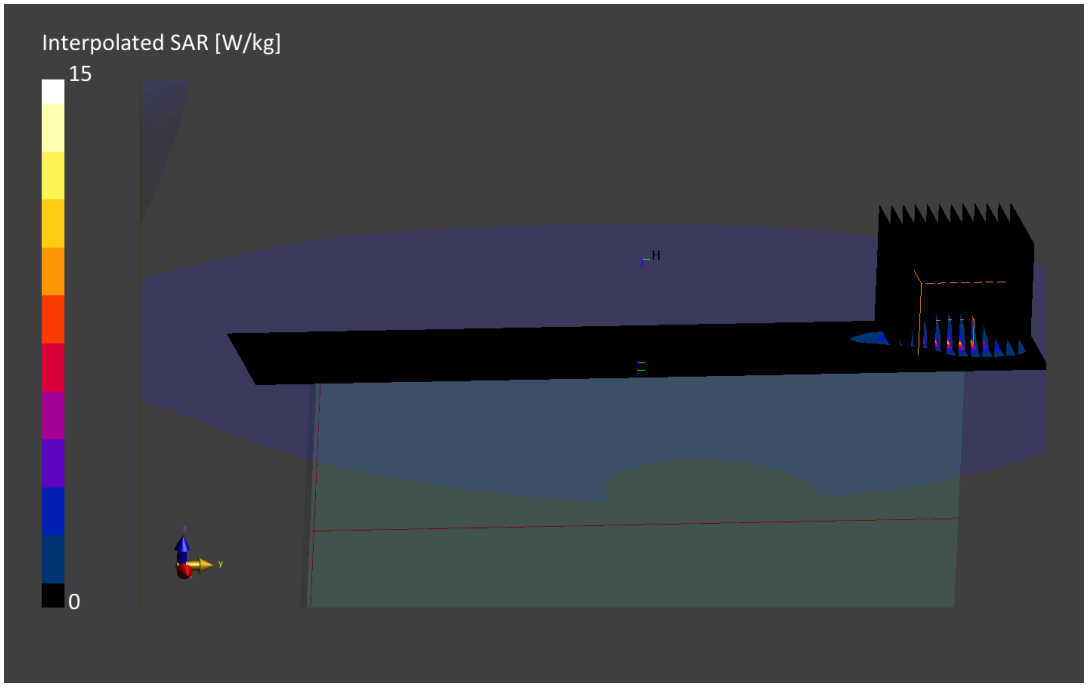
Communication System: UID:10435 - AAF, LTE-TDD; MAIA: Y; Frequency: 2636.5 MHz
Medium: 2450 Body; Medium parameters used:
f = 2636.5 MHz; cond = 2.13 S/m; perm = 52.7; density = 1000 kg/m^3
Phantom Section: Flat; Space: 0.00 mm

Test Date: 01/04/2022; Ambient Temp: 22.4°C; Tissue Temp: 22.1°C

Probe: EX3DV4 - SN3914; ConvF:(7.14,7.14,7.14); Calibrated: 2021-05-18
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn728; Calibrated: 2021-05-11
Phantom: Twin-SAM V5.0; Serial: 1873
Measurement SW: DASY Module SAR V16.0.0.116

Mode: LTE Band 41, ULCA, Phablet SAR, Right Edge,
PCC: Ch. 41055, 20 MHz Bandwidth, QPSK, 1 RB, 0 RB Offset
SCC: Ch. 40857, 20 MHz Bandwidth, QPSK, 1 RB, 99 RB Offset

Area Scan (40.0 x 200.0): Measurement grid: dx=5.0 mm, dy=10.0 mm
Zoom Scan (33.0 x 33.0 x 30.0): Measurement grid: dx=3.0 mm, dy=3.0 mm, dz=1.5 mm; Graded Ratio: 1.5
Reference Value = 2.73 W/kg; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 15.0 W/kg
SAR(10 g) = 1.04 W/kg
Smallest distance from peaks to all points 3 dB below is 4.2 mm
Ratio of SAR at M2 to SAR at M1 = 62.7 %



PCTEST

DUT: A3LSMS908JPN; Type: Portable Handset; Serial: 0114M

Communication System: UID:10626 - AAC, WLAN; MAIA: Y; Frequency: 5290.0 MHz
Medium: 5200-5800 Body; Medium parameters used:
f = 5290.0 MHz; cond = 5.46 S/m; perm = 48.0; density = 1000 kg/m^3
Phantom Section: Flat; Space: 0.00 mm

Test Date: 12/27/2021; Ambient Temp: 20.3°C; Tissue Temp: 21.0°C

Probe: EX3DV4 - SN7668; ConvF:(4.61,4.61,4.61); Calibrated: 2021-08-04
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1272; Calibrated: 2021-03-18
Phantom: Twin-SAM V5.0; Serial: 1800
Measurement SW: DASY Module SAR V16.0.0.116

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

Area Scan (120.0 x 200.0): Measurement grid: dx=10.0 mm, dy=10.0 mm
Zoom Scan (22.0 x 22.0 x 22.0): Measurement grid: dx=3.4 mm, dy=3.4 mm, dz=1.2 mm; Graded Ratio: 1.2
Reference Value = 3.82 W/kg; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 34.1 W/kg
SAR(10 g) = 1.13 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 = 58.0 %