APPENDIX A: SAR TEST DATA

© 2021 PCTEST

PCTEST

DUT: A3LSMF711JPN; Type: Portable Handset; Serial: 0080M

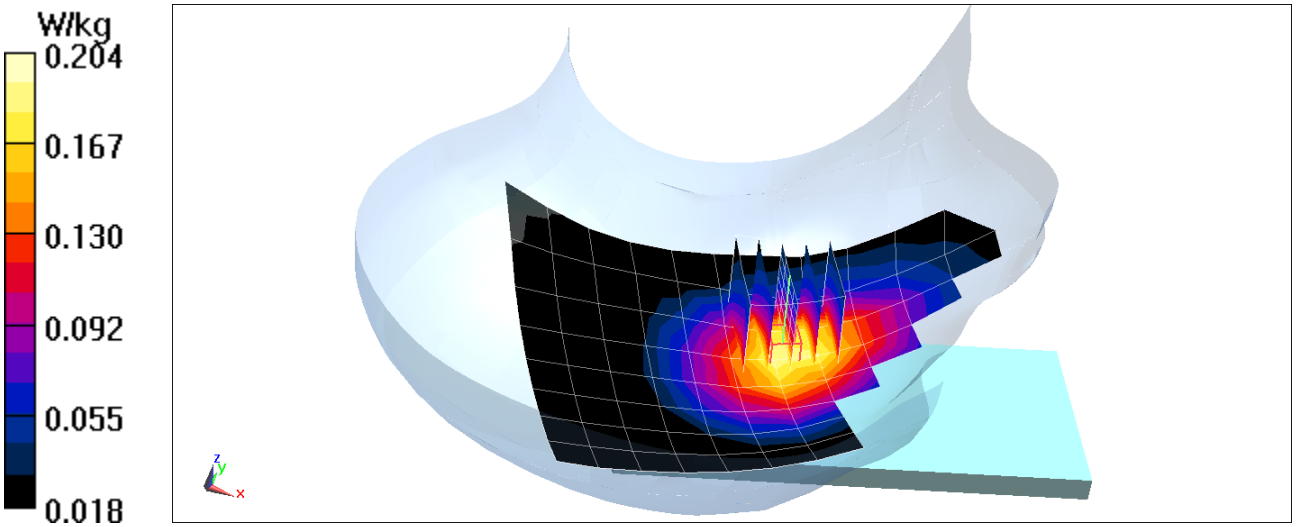
Communication System: UID 0, GSM; Frequency: 824.2 MHz; Duty Cycle: 1:8.3
Medium: 835 Head; Medium parameters used (interpolated):
f = 824.2 MHz; σ = 0.876 S/m; ε_r = 40.275; ρ = 1000 kg/m^3
Phantom section: Right Section

Test Date: 06/28/2021; Ambient Temp: 22.7°C; Tissue Temp: 22.5°C

Probe: EX3DV4 - SN7571; ConvF(9.76, 9.76, 9.76) @ 824.2 MHz; Calibrated: 12/11/2020
Sensor-Surface: 1.4mm (Mechanical Surface Detection)
Electronics: DAE4 Sn1533; Calibrated: 12/7/2020
Phantom: SAM 5.0 front; Type: QD000P40CD; Serial: 1648
Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

Mode: GSM 850, Right 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 = 13.48 V/m; Power Drift = 0.10 dB
Peak SAR (extrapolated) = 0.227 W/kg
SAR(1 g) = 0.171 W/kg



PCTEST

DUT: A3LSMF711JPN; Type: Portable Handset; Serial: 0405M

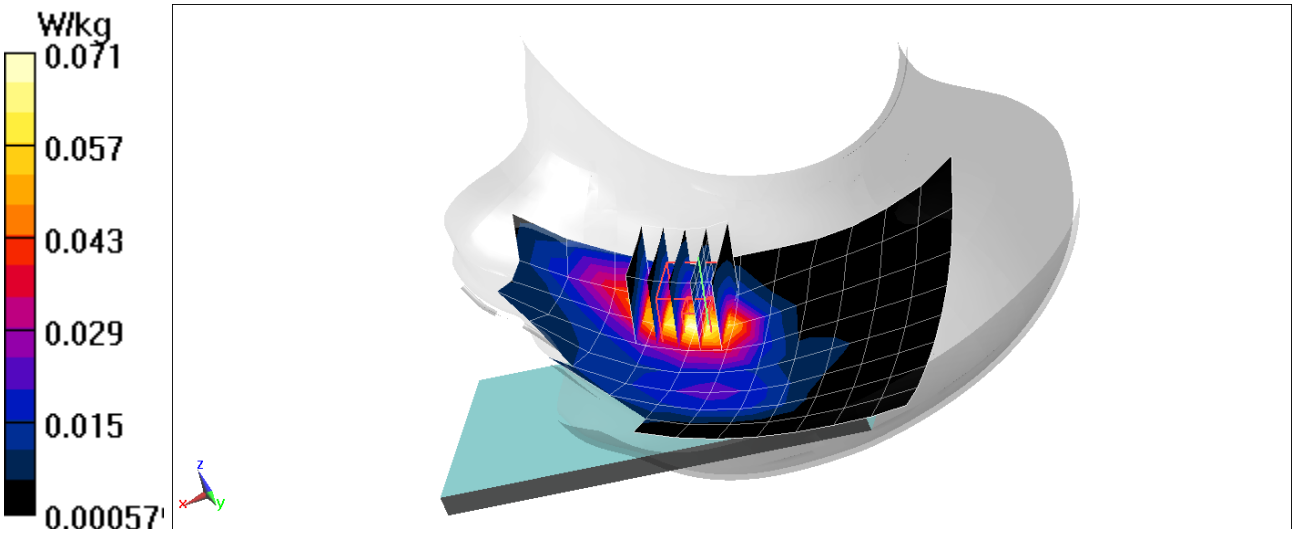
Communication System: UID 0, GSM; Frequency: 1850.2 MHz; Duty Cycle: 1:8.3
Medium: 1900 Head; Medium parameters used (interpolated):
f = 1850.2 MHz; σ = 1.395 S/m; ε_r = 39.673; ρ = 1000 kg/m^3
Phantom section: Left Section;

Test Date: 07/12/2021; Ambient Temp: 22.0°C; Tissue Temp: 21.7°C

Probe: EX3DV4 - SN7551; ConvF(8.12, 8.12, 8.12) @ 1850.2 MHz; Calibrated: 10/20/2020
Sensor-Surface: 1.4mm (Mechanical Surface Detection)
Electronics: DAE4 Sn1333; Calibrated: 10/16/2020
Phantom: Right Back Twin-SAM V5.0 (30); Type: QD 000 P40 CD; Serial: 1692
Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

Mode: GSM 1900, Left Head, Cheek, Low.ch

Area Scan (9x15x1): Measurement grid: dx=15mm, dy=15mm
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 6.335 V/m; Power Drift = 0.03 dB
Peak SAR (extrapolated) = 0.0830 W/kg
SAR(1 g) = 0.052 W/kg



PCTEST

DUT: A3LSMF711JPN; Type: Portable Handset; Serial: 0080M

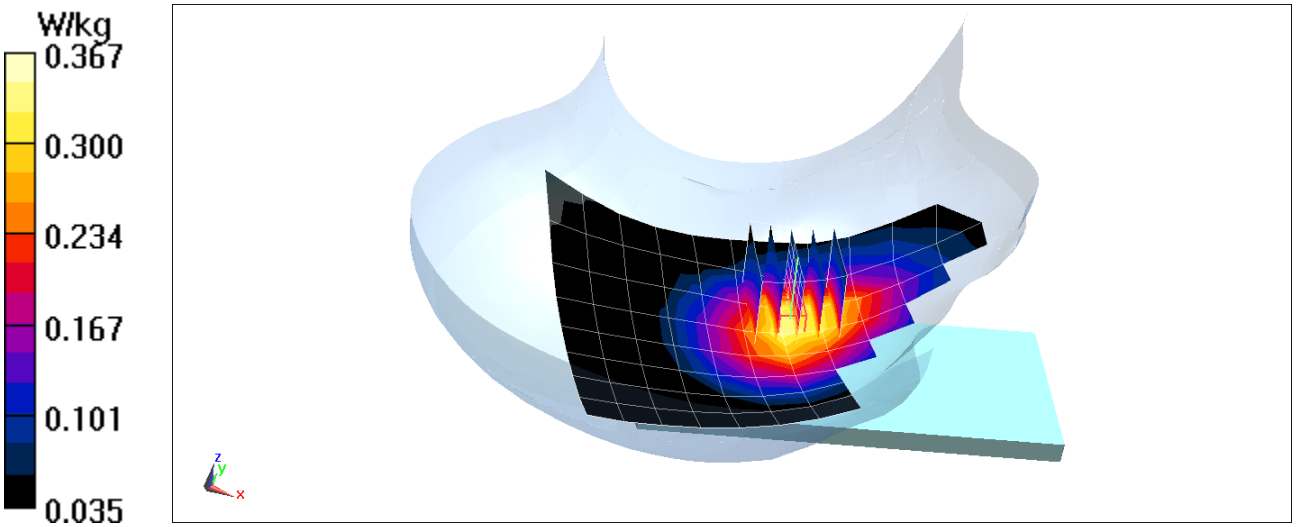
Communication System: UID 0, UMTS; Frequency: 826.4 MHz; Duty Cycle: 1:1
Medium: 835 Head; Medium parameters used (interpolated):
f = 826.4 MHz; σ = 0.878 S/m; ε_r = 40.247; ρ = 1000 kg/m^3
Phantom section: Right Section

Test Date: 06/28/2021; Ambient Temp: 22.7°C; Tissue Temp: 22.5°C

Probe: EX3DV4 - SN7571; ConvF(9.76, 9.76, 9.76) @ 826.4 MHz; Calibrated: 12/11/2020
Sensor-Surface: 1.4mm (Mechanical Surface Detection)
Electronics: DAE4 Sn1533; Calibrated: 12/7/2020
Phantom: SAM 5.0 front; Type: QD000P40CD; Serial: 1648
Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

Mode: UMTS 850, Right 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 = 18.96 V/m; Power Drift = -0.06 dB
Peak SAR (extrapolated) = 0.402 W/kg
SAR(1 g) = 0.302 W/kg



PCTEST

DUT: A3LSMF711JPN; Type: Portable Handset; Serial: 0080M

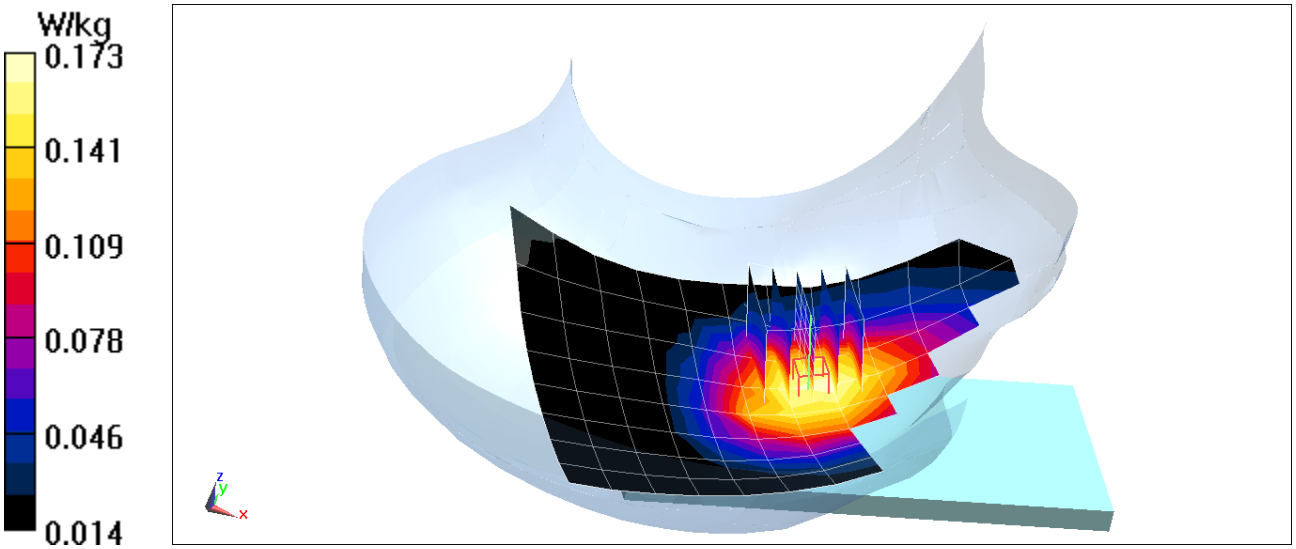
Communication System: UID 0, LTE Band 12; Frequency: 707.5 MHz; Duty Cycle: 1:1
Medium: 750 Head; Medium parameters used (interpolated): \
f = 707.5 MHz; σ = 0.877 S/m; ε_r = 41.38; ρ = 1000 kg/m^3
Phantom section: Right Section

Test Date: 07/05/2021; Ambient Temp: 22.2°C; Tissue Temp: 20.7°C

Probe: EX3DV4 - SN7571; ConvF(10.02, 10.02, 10.02) @ 707.5 MHz; Calibrated: 12/11/2020
Sensor-Surface: 1.4mm (Mechanical Surface Detection)
Electronics: DAE4 Sn1533; Calibrated: 12/7/2020
Phantom: SAM 5.0 front; Type: QD000P40CD; Serial: 1648
Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

Mode: LTE Band 12, Right Head, Cheek, Mid.ch, 10 MHz Bandwidth, QPSK, 1 RB, 0 RB Offset

Area Scan (9x15x1): Measurement grid: dx=15mm, dy=15mm
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 13.52 V/m; Power Drift = -0.09 dB
Peak SAR (extrapolated) = 0.190 W/kg
SAR(1 g) = 0.148 W/kg



PCTEST

DUT: A3LSMF711JPN; Type: Portable Handset; Serial: 0030M

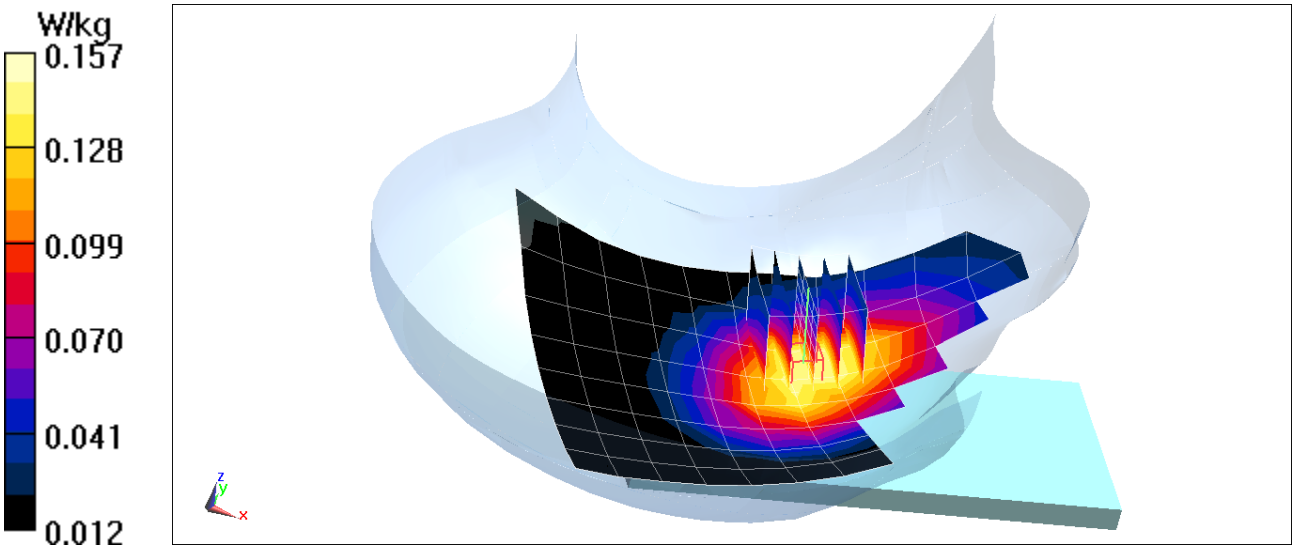
Communication System: UID 0, LTE Band 13; Frequency: 782 MHz; Duty Cycle: 1:1
Medium: 750 Head; Medium parameters used (interpolated):
f = 782 MHz; σ = 0.905 S/m; ε_r = 41.196; ρ = 1000 kg/m^3
Phantom section: Right Section

Test Date: 07/05/2021; Ambient Temp: 22.2°C; Tissue Temp: 20.7°C

Probe: EX3DV4 - SN7571; ConvF(10.02, 10.02, 10.02) @ 782 MHz; Calibrated: 12/11/2020
Sensor-Surface: 1.4mm (Mechanical Surface Detection)
Electronics: DAE4 Sn1533; Calibrated: 12/7/2020
Phantom: SAM 5.0 front; Type: QD000P40CD; Serial: 1648
Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

Mode: LTE Band 13, Right 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 = 12.75 V/m; Power Drift = -0.04 dB
Peak SAR (extrapolated) = 0.173 W/kg
SAR(1 g) = 0.132 W/kg



PCTEST

DUT: A3LSMF711JPN; Type: Portable Handset; Serial: 0080M

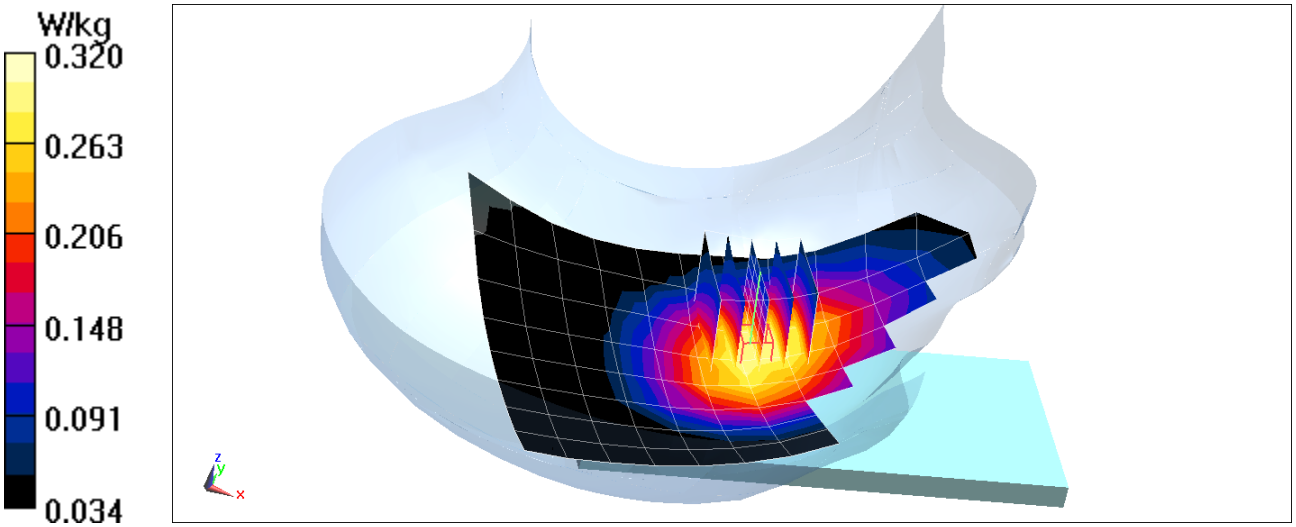
Communication System: UID 0, LTE Band 5 (Cell.); Frequency: 836.5 MHz; Duty Cycle: 1:1
Medium: 835 Head; Medium parameters used (interpolated):
f = 836.5 MHz; σ = 0.889 S/m; ε_r = 40.118; ρ = 1000 kg/m^3
Phantom section: Right Section

Test Date: 06/28/2021; Ambient Temp: 22.7°C; Tissue Temp: 22.5°C

Probe: EX3DV4 - SN7571; ConvF(9.76, 9.76, 9.76) @ 836.5 MHz; Calibrated: 12/11/2020
Sensor-Surface: 1.4mm (Mechanical Surface Detection)
Electronics: DAE4 Sn1533; Calibrated: 12/7/2020
Phantom: SAM 5.0 front; Type: QD000P40CD; Serial: 1648
Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

Mode: LTE Band 5 (Cell.), Right Head, Cheek, Mid.ch, 10 MHz Bandwidth, QPSK, 1 RB, 25 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 = 18.40 V/m; Power Drift = -0.02 dB
Peak SAR (extrapolated) = 0.346 W/kg
SAR(1 g) = 0.274 W/kg



PCTEST

DUT: A3LSMF711JPN; Type: Portable Handset; Serial: 0006M

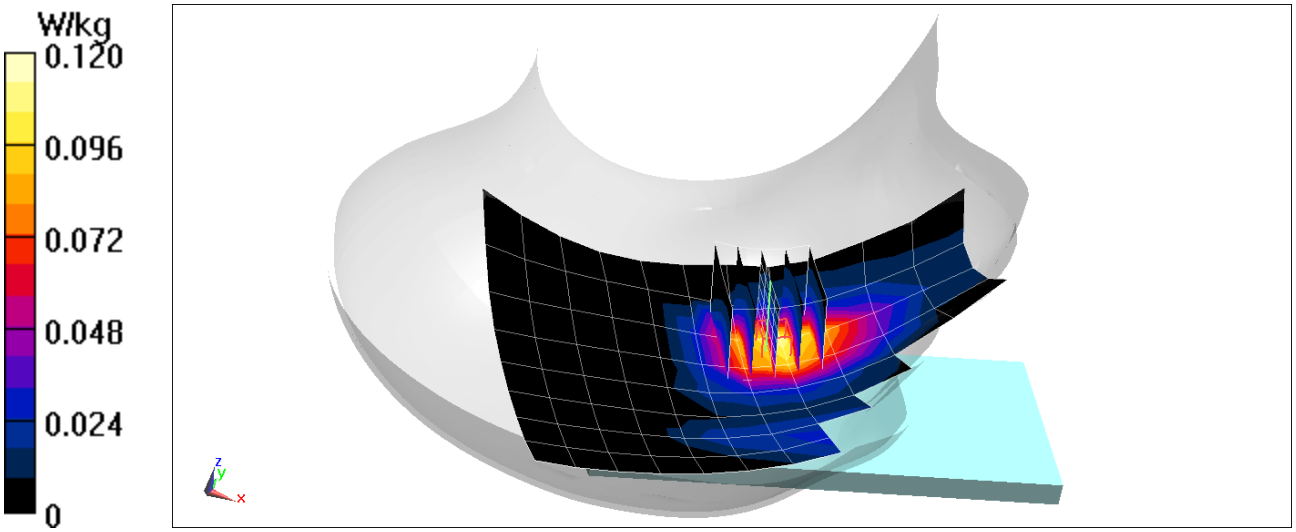
Communication System: UID 0, LTE Band 4 (AWS); Frequency: 1732.5 MHz; Duty Cycle: 1:1
Medium: 1750 Head; Medium parameters used (interpolated):
f = 1732.5 MHz; σ = 1.393 S/m; ε_r = 39.139; ρ = 1000 kg/m^3
Phantom section: Right Section

Test Date: 07/06/2021; Ambient Temp: 21.5°C; Tissue Temp: 20.2°C

Probe: EX3DV4 - SN7308; ConvF(8.55, 8.55, 8.55) @ 1732.5 MHz; Calibrated: 7/31/2020
Sensor-Surface: 1.4mm (Mechanical Surface Detection)
Electronics: DAE4 Sn1450; Calibrated: 8/11/2020
Phantom: Twin-SAM V5.0; Type: QD 000 P40 CD; Serial: 1792
Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

Mode: LTE Band 4 (AWS), Right Head, Cheek, Mid.ch, 20 MHz Bandwidth, QPSK, 1 RB, 50 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 = 8.486 V/m; Power Drift = 0.16 dB
Peak SAR (extrapolated) = 0.144 W/kg
SAR(1 g) = 0.087 W/kg



PCTEST

DUT: A3LSMF711JPN; Type: Portable Handset; Serial: 0080M

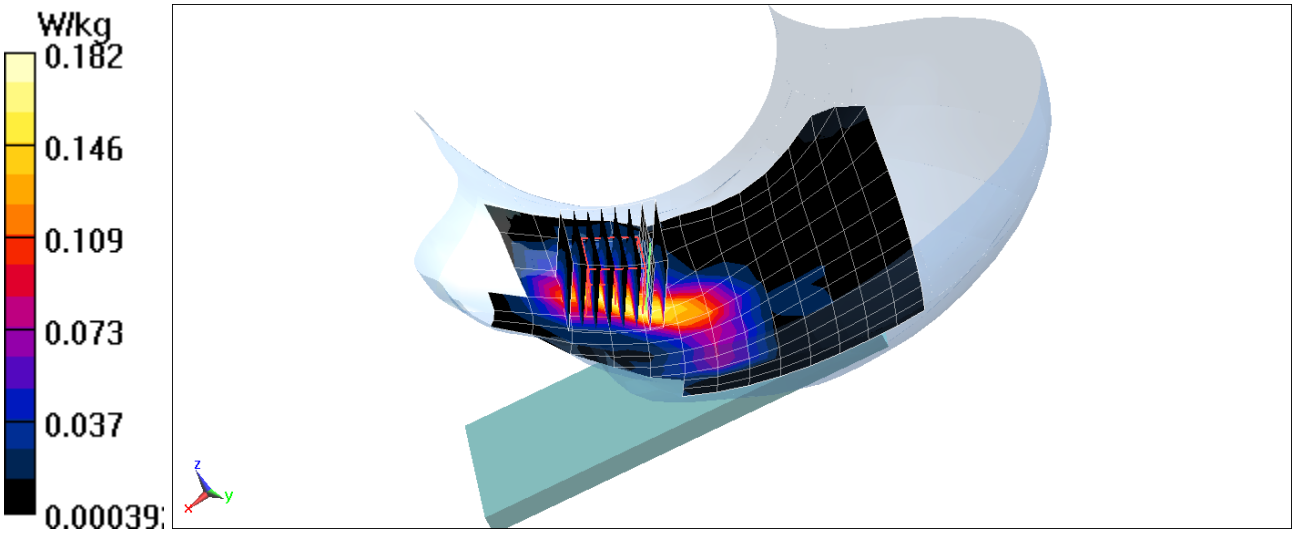
Communication System: UID 0, LTE Band 41 (Class 3); Frequency: 2680 MHz; Duty Cycle: 1:1.58
Medium: 2450 Head; Medium parameters used:
f = 2680 MHz; σ = 2.018 S/m; ε_r = 37.315; ρ = 1000 kg/m^3
Phantom section: Left Section

Test Date: 07/11/2021; Ambient Temp: 24.0°C; Tissue Temp: 22.0°C

Probe: EX3DV4 - SN7571; ConvF(7.05, 7.05, 7.05) @ 2680 MHz; Calibrated: 12/11/2020
Sensor-Surface: 1.4mm (Mechanical Surface Detection)
Electronics: DAE4 Sn1533; Calibrated: 12/7/2020
Phantom: SAM 5.0 front; Type: QD000P40CD; Serial: 1648
Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

Mode: LTE Band 41, Left Head, Cheek, High.ch, QPSK, 20 MHz Bandwidth, 1 RB, 50 RB Offset

Area Scan (13x18x1): Measurement grid: dx=12mm, dy=12mm
Zoom Scan (8x8x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 8.506 V/m; Power Drift = 0.03 dB
Peak SAR (extrapolated) = 0.224 W/kg
SAR(1 g) = 0.119 W/kg



PCTEST

DUT: A3LSMF711JPN; Type: Portable Handset; Serial: 0710M

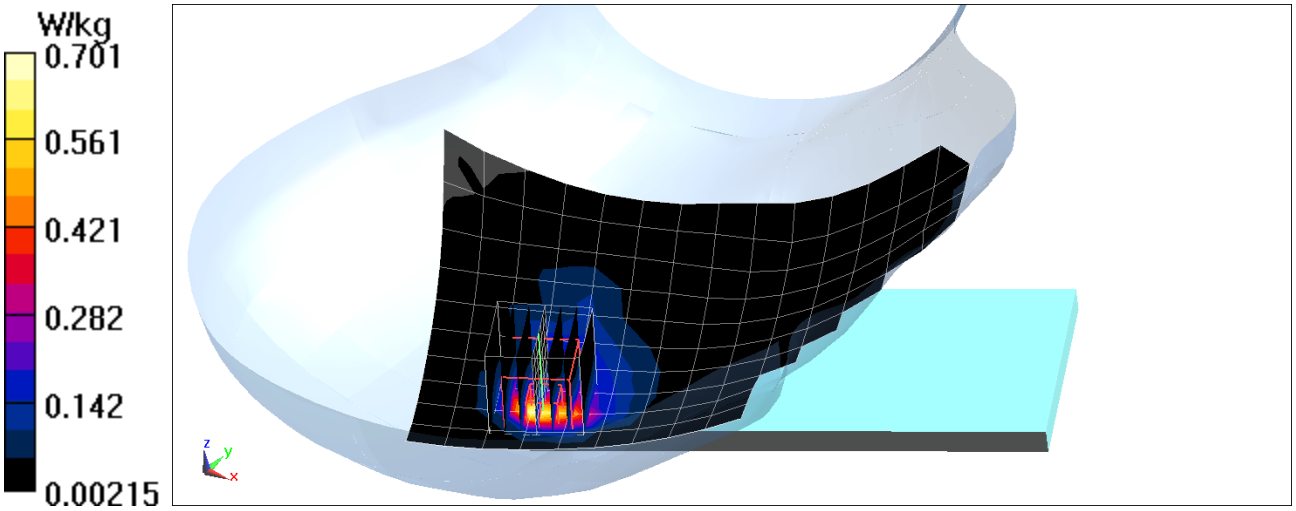
Communication System: UID 0, IEEE 802.11n; Frequency: 2462 MHz; Duty Cycle: 1:1
Medium: 2450 Head; Medium parameters used (interpolated):
f = 2462 MHz; σ = 1.828 S/m; ε_r = 37.289; ρ = 1000 kg/m^3
Phantom section: Right Section

Test Date: 07/07/2021; Ambient Temp: 25.0°C; Tissue Temp: 24.0°C

Probe: EX3DV4 - SN7571; ConvF(7.28, 7.28, 7.28) @ 2462 MHz; Calibrated: 12/11/2020
Sensor-Surface: 1.4mm (Mechanical Surface Detection)
Electronics: DAE4 Sn1533; Calibrated: 12/7/2020
Phantom: SAM 5.0 front; Type: QD000P40CD; Serial: 1648
Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

Mode: IEEE 802.11n MIMO, 20 MHz Bandwidth, Right Head, Cheek, Ch 11, 13 Mbps

Area Scan (11x18x1): Measurement grid: dx=12mm, dy=12mm
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 8.363 V/m; Power Drift = 0.05 dB
Peak SAR (extrapolated) = 1.06 W/kg
SAR(1 g) = 0.348 W/kg



DUT: A3LSMF711JPN; Type: Portable Handset; S/N: 0880M

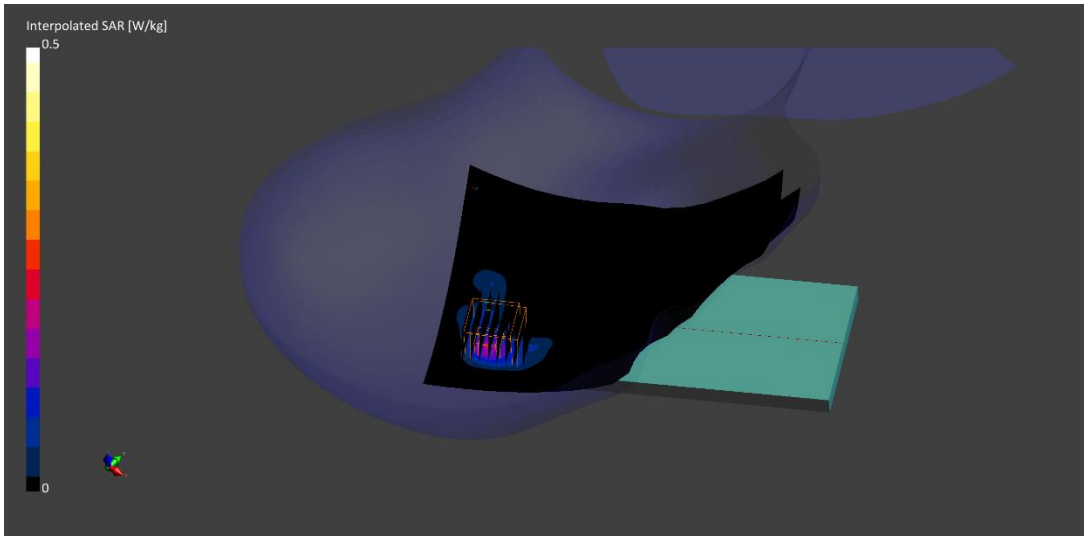
Communication System: UID:10544-AAC, WLAN; MAIA: Y; Frequency: 5290.0 MHz
Medium: 5200-5800 Head; Medium parameters used:
f = 5290.0 MHz; cond = 4.61 S/m; perm = 34.5; density = 1000 kg/m3
Phantom Section: Right Head

Test Date: 07/09/2021; Ambient Temp: 23.5°C; Tissue Temp: 21.0°C

Probe: EX3DV4 - SN7538; ConvF:(5.29,5.29,5.29); Calibrated: 2020-11-23
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1449; Calibrated: 2020-09-10
Phantom: Twin-SAM V5.0 (Left); Serial: 1873
Measurement SW: cDASY6 Module SAR V6.14.0.959

Mode: IEEE 802.11ac, U-NII-2A, MIMO, 80 MHz Bandwidth, Right Head, Cheek, Ch. 58, 58.5 Mbps

Area Scan (120.0 x 200.0): Measurement grid: dx=10.0mm, dy=10.0mm
Zoom Scan (22.0 x 22.0 x 22.0): Measurement grid: dx=4.0mm, dy=4.0mm, dz=1.4mm; Graded Ratio: 1.4
Reference Value = 0.27 W/kg; Power Drift = 0.04 dB
Peak SAR (extrapolated) = 0.683 W/kg
SAR(1 g) = 0.165 W/kg



PCTEST

DUT: A3LSMF711JPN; Type: Portable Handset; Serial: 0710M

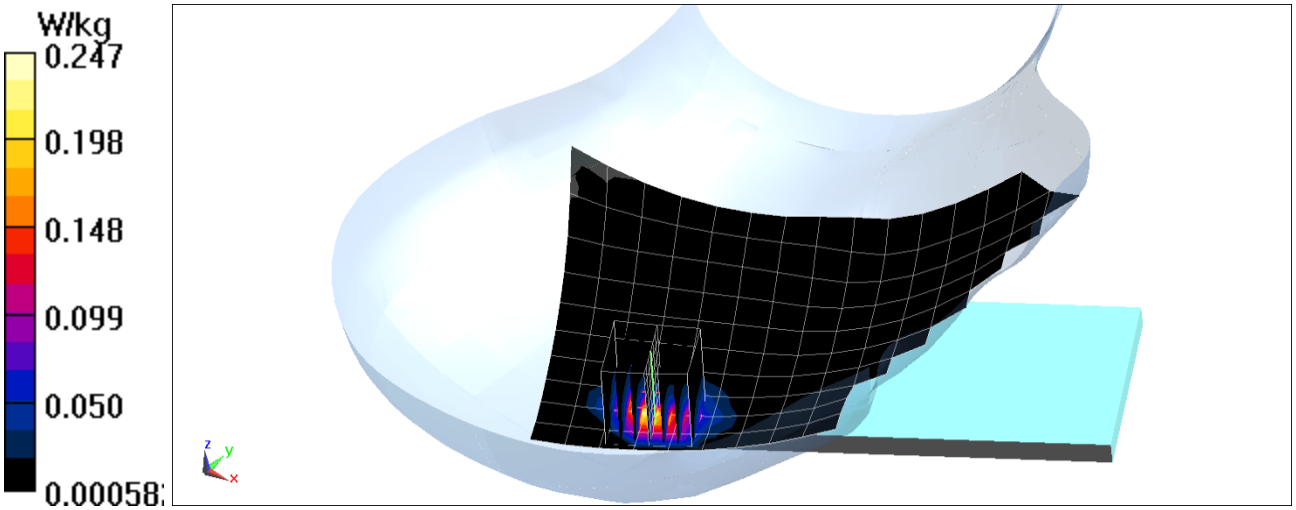
Communication System: UID 0, Bluetooth; Frequency: 2441 MHz; Duty Cycle: 1:1.302
Medium: 2450 Head; Medium parameters used (interpolated):
f = 2441 MHz; σ = 1.834 S/m; ε_r = 38.532; ρ = 1000 kg/m^3
Phantom section: Right Section

Test Date: 07/31/2021; Ambient Temp: 24.2°C; Tissue Temp: 22.9°C

Probe: EX3DV4 - SN7571; ConvF(7.28, 7.28, 7.28) @ 2441 MHz; Calibrated: 12/11/2020
Sensor-Surface: 1.4mm (Mechanical Surface Detection)
Electronics: DAE4 Sn1533; Calibrated: 12/7/2020
Phantom: SAM 5.0 front; Type: QD000P40CD; Serial: 1648
Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

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

Area Scan (11x19x1): Measurement grid: dx=12mm, dy=12mm
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 8.913 V/m; Power Drift = 0.14 dB
Peak SAR (extrapolated) = 0.381 W/kg
SAR(1 g) = 0.123 W/kg



PCTEST

DUT: A3LSMF711JPN; Type: Portable Handset; Serial: 0006M

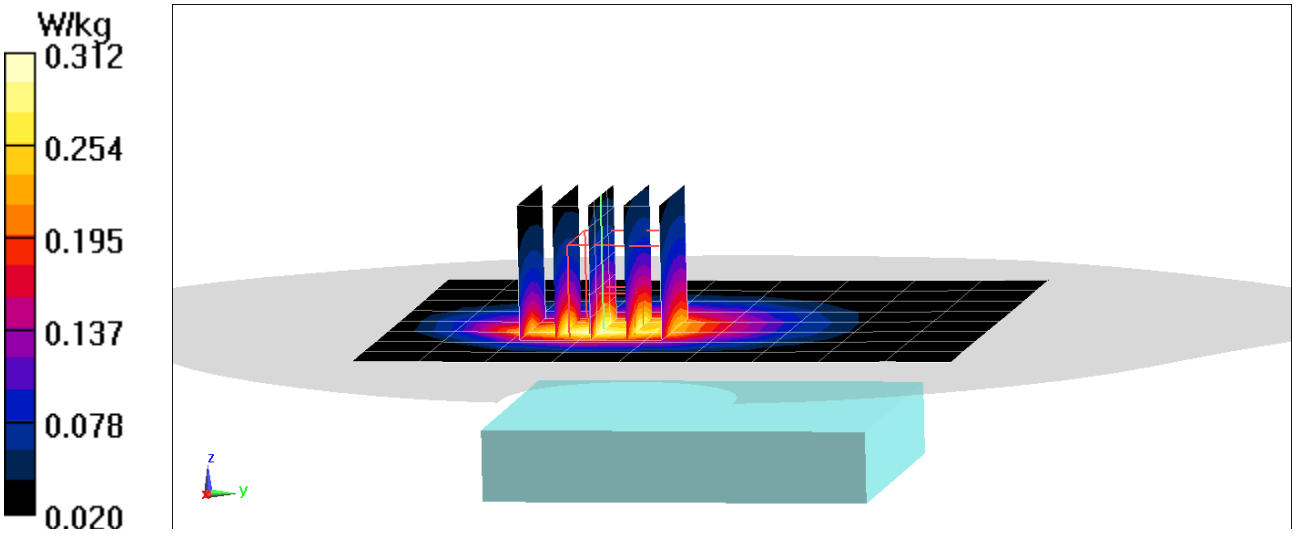
Communication System: UID 0, GSM; Frequency: 824.2 MHz; Duty Cycle: 1:8.3
Medium: 835 Body; Medium parameters used (interpolated):
f = 824.2 MHz; σ = 0.927 S/m; ε_r = 52.675; ρ = 1000 kg/m^3
Phantom section: Flat Section; Space: 1.5 cm

Test Date: 07/04/2021; Ambient Temp: 24.8°C; Tissue Temp: 22.8°C

Probe: EX3DV4 - SN7409; ConvF(9.66, 9.66, 9.66) @ 824.2 MHz; Calibrated: 6/21/2021
Sensor-Surface: 1.4mm (Mechanical Surface Detection)
Electronics: DAE4 Sn1334; Calibrated: 6/15/2021
Phantom: Twin-SAM V5.0 Left 20; Type: QD 000 P40 CD; Serial: 1715
Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

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

Area Scan (9x10x1): Measurement grid: dx=15mm, dy=15mm
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 16.48 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 0.353 W/kg
SAR(1 g) = 0.236 W/kg;



PCTEST

DUT: A3LSMF711JPN; Type: Portable Handset; Serial: 0080M

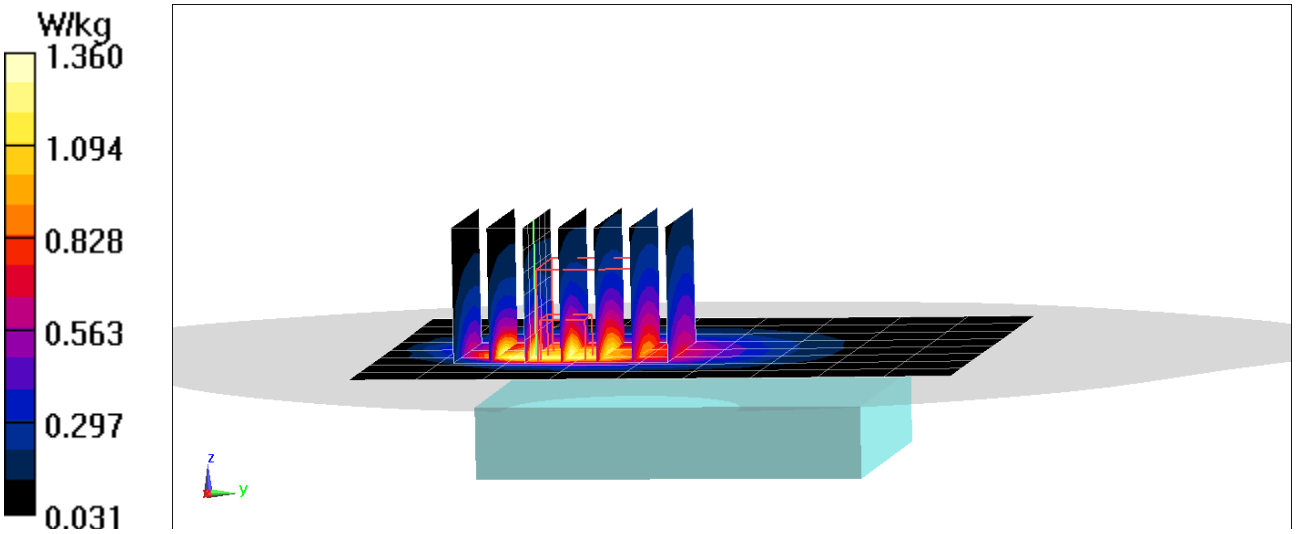
Communication System: UID 0, GSM GPRS; 3 Tx slots; Frequency: 824.2 MHz; Duty Cycle: 1:2.76
Medium: 835 Body; Medium parameters used (interpolated):
f = 824.2 MHz; σ = 0.927 S/m; ε_r = 52.675; ρ = 1000 kg/m^3
Phantom section: Flat Section; Space: 0.5 cm

Test Date: 07/04/2021; Ambient Temp: 24.8°C; Tissue Temp: 22.8°C

Probe: EX3DV4 - SN7409; ConvF(9.66, 9.66, 9.66) @ 824.2 MHz; Calibrated: 6/21/2021
Sensor-Surface: 1.4mm (Mechanical Surface Detection)
Electronics: DAE4 Sn1334; Calibrated: 6/15/2021
Phantom: Twin-SAM V5.0 Left 20; Type: QD 000 P40 CD; Serial: 1715
Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

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

Area Scan (9x10x1): Measurement grid: dx=15mm, dy=15mm
Zoom Scan (6x7x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 32.57 V/m; Power Drift = -0.15 dB
Peak SAR (extrapolated) = 1.71 W/kg
SAR(1 g) = 0.949 W/kg



DUT: A3LSMF711JPN; Type: Portable Handset; Serial: 0006M

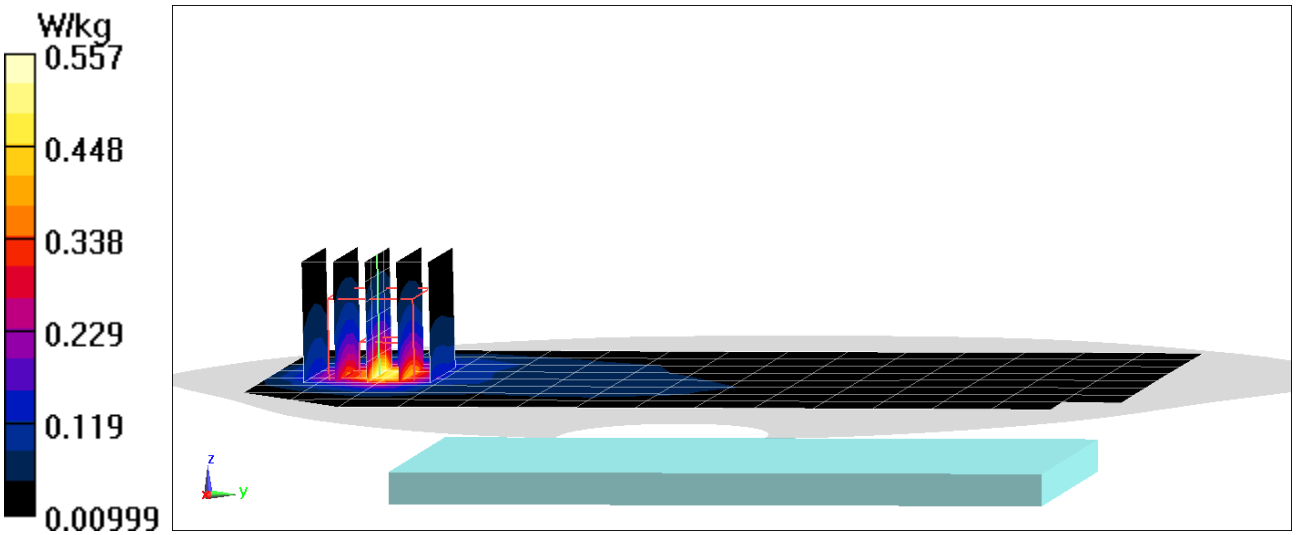
Communication System: UID 0, GSM; Frequency: 1850.2 MHz; Duty Cycle: 1:8.3
Medium: 1900 Body; Medium parameters used (interpolated):
f = 1850.2 MHz; σ = 1.523 S/m; ε_r = 52.198; ρ = 1000 kg/m^3
Phantom section: Flat Section; Space: 1.5 cm

Test Date: 07/05/2021; Ambient Temp: 23.0°C; Tissue Temp: 23.2°C

Probe: EX3DV4 - SN3589; ConvF(6.84, 6.84, 6.84) @ 1850.2 MHz; Calibrated: 1/20/2021
Sensor-Surface: 1.4mm (Mechanical Surface Detection)
Electronics: DAE4 Sn1558; Calibrated: 1/13/2021
Phantom: Twin-SAM V5.0 (30); Type: QD 000 P40 CD; Serial: 1646
Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

Mode: GSM 1900 Open, Body SAR, Back side, Low.ch

Area Scan (9x16x1): Measurement grid: dx=15mm, dy=15mm
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 16.67 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 0.655 W/kg
SAR(1 g) = 0.385 W/kg



DUT: A3LSMF711JPN; Type: Portable Handset; Serial: 0710M

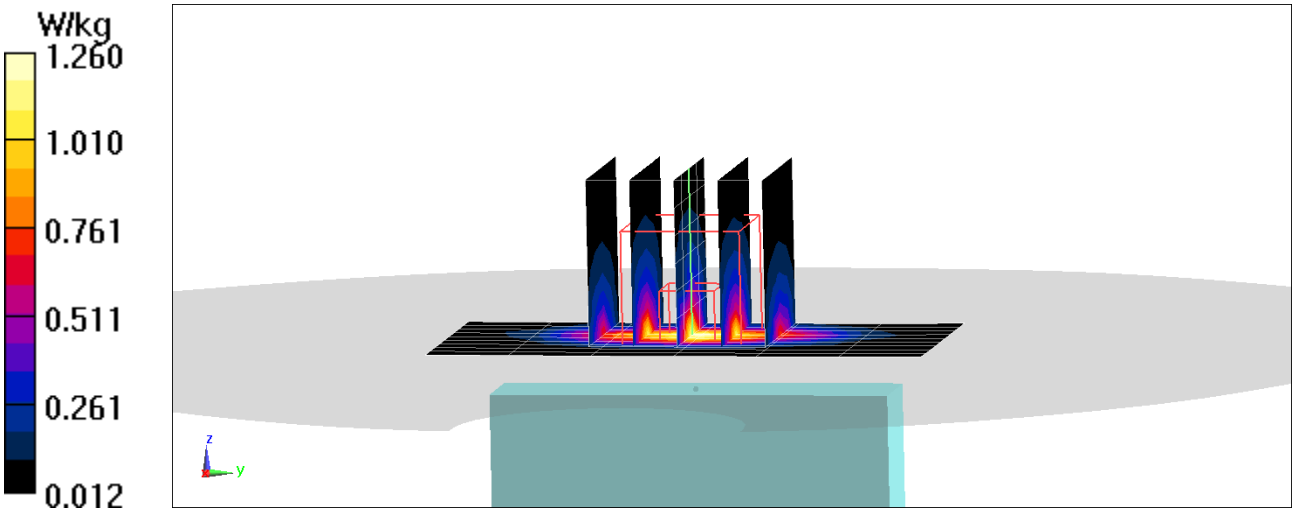
Communication System: UID 0, GSM GPRS; 3 Tx slots; Frequency: 1909.8 MHz; Duty Cycle: 1:2.76
Medium: 1900 Body; Medium parameters used:
f = 1910 MHz; σ = 1.596 S/m; ε_r = 51.344; ρ = 1000 kg/m^3
Phantom section: Flat Section; Space: 0.5 cm

Test Date: 07/15/2021; Ambient Temp: 23.4°C; Tissue Temp: 22.3°C

Probe: EX3DV4 - SN7551; ConvF(7.84, 7.84, 7.84) @ 1909.8 MHz; Calibrated: 10/20/2020
Sensor-Surface: 1.4mm (Mechanical Surface Detection)
Electronics: DAE4 Sn1333; Calibrated: 10/16/2020
Phantom: Right Back Twin-SAM V5.0 (30); Type: QD 000 P40 CD; Serial: 1692
Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

Mode: GPRS 1900 Closed, Body SAR, Bottom Edge, High.ch, 3 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 = 23.57 V/m; Power Drift = -0.02 dB
Peak SAR (extrapolated) = 1.48 W/kg
SAR(1 g) = 0.793 W/kg



PCTEST

DUT: A3LSMF711JPN; Type: Portable Handset; Serial: 0030M

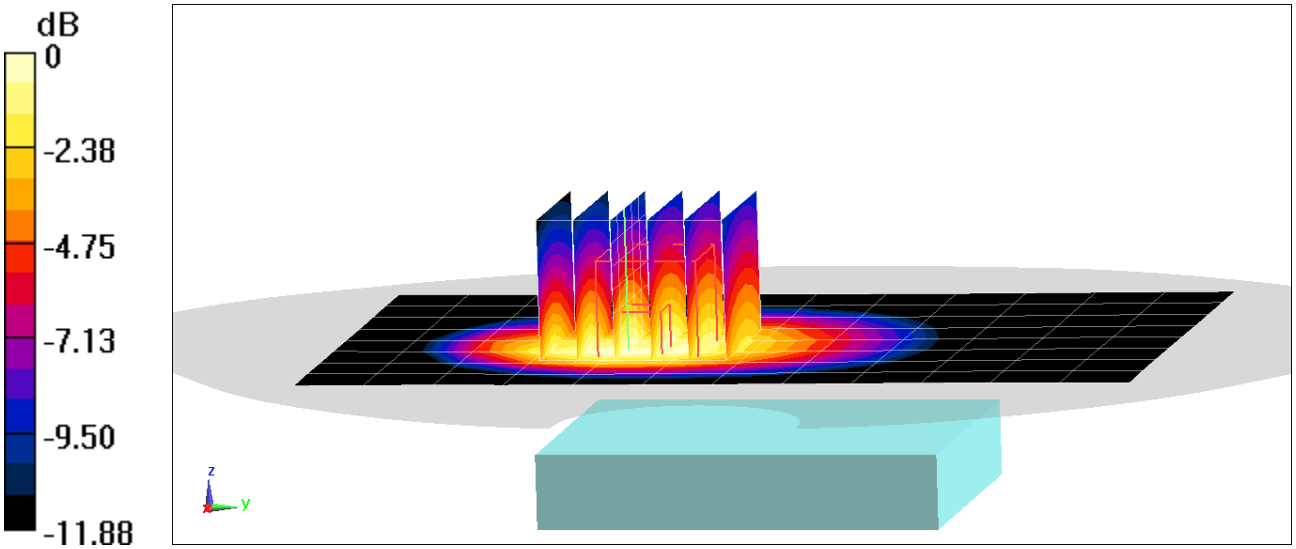
Communication System: UID 0, UMTS; Frequency: 826.4 MHz; Duty Cycle: 1:1
Medium: 835 Body; Medium parameters used (interpolated):
f = 826.4 MHz; σ = 0.939 S/m; ε_r = 53.918; ρ = 1000 kg/m^3
Phantom section: Flat Section; Space: 1.5 cm

Test Date: 06/29/2021; Ambient Temp: 25.0°C; Tissue Temp: 23.0°C

Probe: EX3DV4 - SN7410; ConvF(9.73, 9.73, 9.73) @ 826.4 MHz; Calibrated: 7/20/2020
Sensor-Surface: 1.4mm (Mechanical Surface Detection)
Electronics: DAE4 Sn1322; Calibrated: 7/15/2020
Phantom: Twin-SAM V5.0 Left 20; Type: QD 000 P40 CD; Serial: 1715
Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

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

Area Scan (9x13x1): Measurement grid: dx=15mm, dy=15mm
Zoom Scan (6x6x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 19.92 V/m; Power Drift = -0.02 dB
Peak SAR (extrapolated) = 0.522 W/kg
SAR(1 g) = 0.352 W/kg



0 dB = 0.461 W/kg = -3.36 dBW/kg

DUT: A3LSMF711JPN; Type: Portable Handset; Serial: 0006M

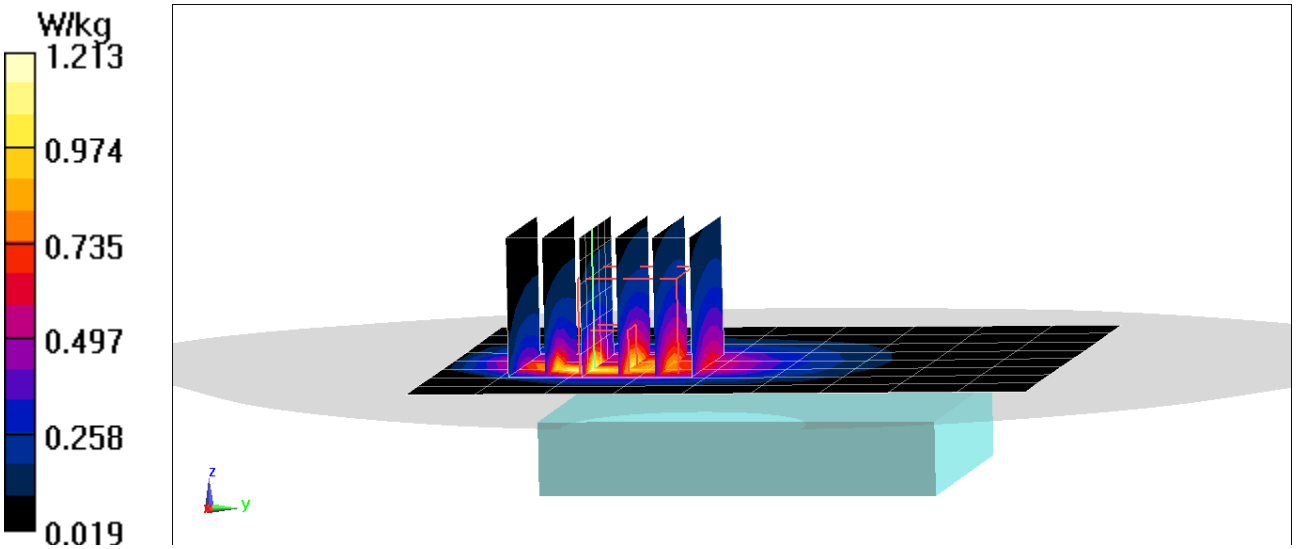
Communication System: UID 0, UMTS; Frequency: 836.6 MHz; Duty Cycle: 1:1
Medium: 835 Body; Medium parameters used (interpolated):
f = 836.6 MHz; σ = 0.94 S/m; ε_r = 52.559; ρ = 1000 kg/m^3
Phantom section: Flat Section; Space: 0.5 cm

Test Date: 07/04/2021; Ambient Temp: 24.8°C; Tissue Temp: 22.8°C

Probe: EX3DV4 - SN7409; ConvF(9.66, 9.66, 9.66) @ 836.6 MHz; Calibrated: 6/21/2021
Sensor-Surface: 1.4mm (Mechanical Surface Detection)
Electronics: DAE4 Sn1334; Calibrated: 6/15/2021
Phantom: Twin-SAM V5.0 Left 20; Type: QD 000 P40 CD; Serial: 1715
Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

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

Area Scan (9x10x1): Measurement grid: dx=15mm, dy=15mm
Zoom Scan (6x6x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 30.26 V/m; Power Drift = -0.03 dB
Peak SAR (extrapolated) = 1.48 W/kg
SAR(1 g) = 0.789 W/kg



PCTEST

DUT: A3LSMF711JPN; Type: Portable Handset; Serial: 0026M

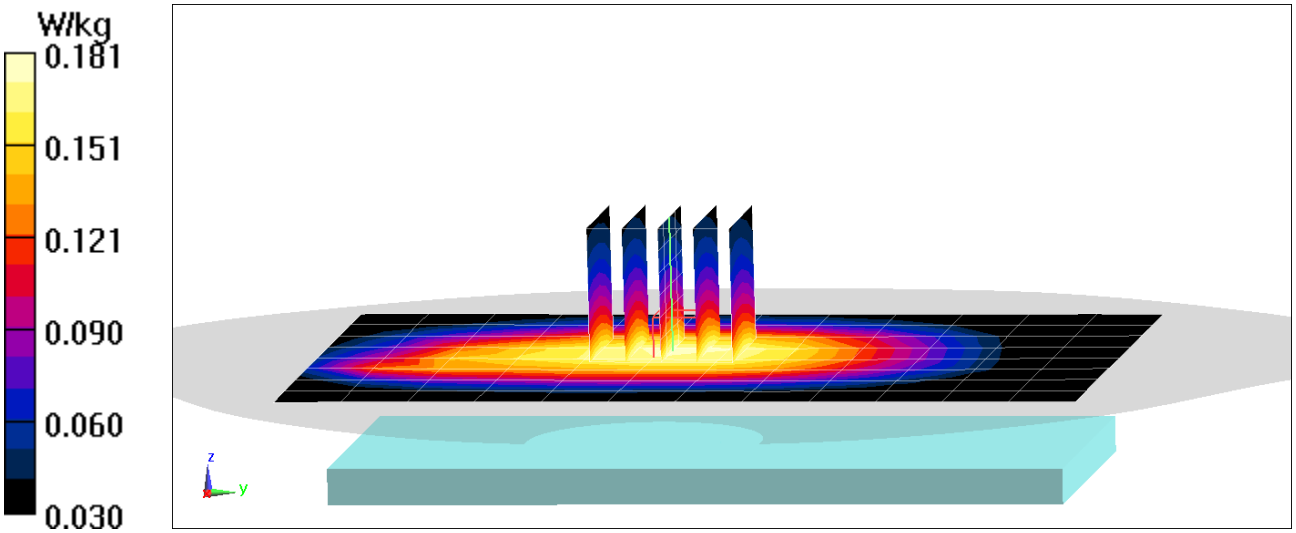
Communication System: UID 0, LTE Band 12; Frequency: 707.5 MHz; Duty Cycle: 1:1
Medium: 750 Body; Medium parameters used (interpolated):
f = 707.5 MHz; σ = 0.943 S/m; ε_r = 55.655; ρ = 1000 kg/m^3
Phantom section: Flat Section; Space: 1.5 cm

Test Date: 06/28/2021; Ambient Temp: 22.0°C; Tissue Temp: 21.2°C

Probe: EX3DV4 - SN7357; ConvF(10.29, 10.29, 10.29) @ 707.5 MHz; Calibrated: 4/19/2021
Sensor-Surface: 1.4mm (Mechanical Surface Detection)
Electronics: DAE4 Sn1407; Calibrated: 4/7/2021
Phantom: Front; Type: QD 000 P40 CD; Serial: 1686
Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

Mode: LTE Band 12 Open, Body SAR, Back side, 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 = 12.60 V/m; Power Drift = -0.03 dB
Peak SAR (extrapolated) = 0.199 W/kg
SAR(1 g) = 0.149 W/kg



PCTEST

DUT: A3LSMF711JPN; Type: Portable Handset; Serial: 0037M

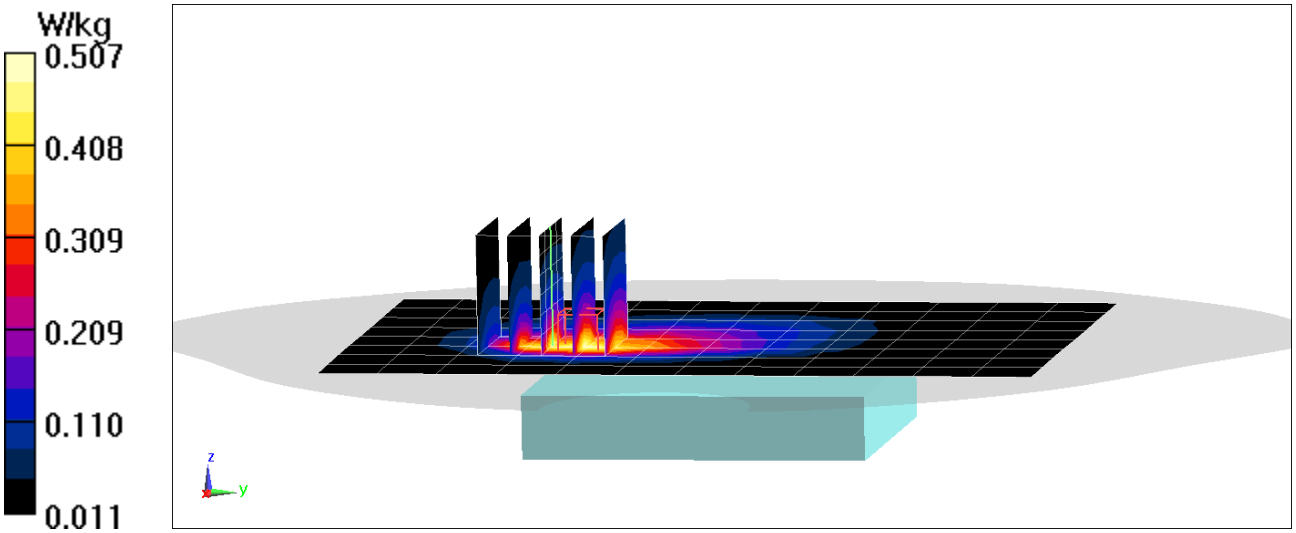
Communication System: UID 0, LTE Band 12; Frequency: 707.5 MHz; Duty Cycle: 1:1
Medium: 750 Body; Medium parameters used (interpolated):
f = 707.5 MHz; σ = 0.975 S/m; ε_r = 54.155; ρ = 1000 kg/m^3
Phantom section: Flat Section; Space: 0.5 cm

Test Date: 07/06/2021; Ambient Temp: 23.2°C; Tissue Temp: 22.1°C

Probe: EX3DV4 - SN7357; ConvF(10.29, 10.29, 10.29) @ 707.5 MHz; Calibrated: 4/19/2021
Sensor-Surface: 1.4mm (Mechanical Surface Detection)
Electronics: DAE4 Sn1407; Calibrated: 4/7/2021
Phantom: Front; Type: QD 000 P40 CD; Serial: 1686
Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

Mode: LTE Band 12 Closed, Body SAR, Back side, 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 = 18.98 V/m; Power Drift = -0.11 dB
Peak SAR (extrapolated) = 0.634 W/kg
SAR(1 g) = 0.346 W/kg



PCTEST

DUT: A3LSMF711JPN; Type: Portable Handset; Serial: 0026M

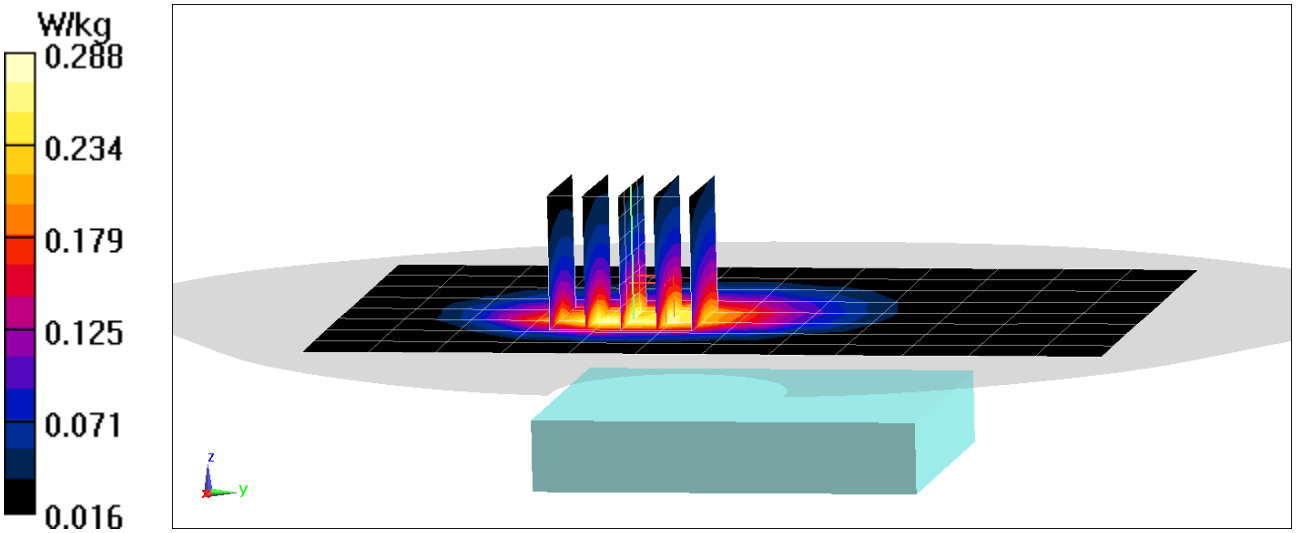
Communication System: UID 0, LTE Band 13; Frequency: 782 MHz; Duty Cycle: 1:1
Medium: 750 Body; Medium parameters used (interpolated):
f = 782 MHz; σ = 0.977 S/m; ε_r = 54.834; ρ = 1000 kg/m^3
Phantom section: Flat Section; Space: 1.5 cm

Test Date: 06/30/2021; Ambient Temp: 22.6°C; Tissue Temp: 21.0°C

Probe: EX3DV4 - SN7357; ConvF(10.29, 10.29, 10.29) @ 782 MHz; Calibrated: 4/19/2021
Sensor-Surface: 1.4mm (Mechanical Surface Detection)
Electronics: DAE4 Sn1407; Calibrated: 4/7/2021
Phantom: Front; Type: QD 000 P40 CD; Serial: 1686
Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

Mode: LTE Band 13 Closed, Body SAR, Back side, 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 = 15.26 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 0.332 W/kg
SAR(1 g) = 0.215 W/kg



PCTEST

DUT: A3LSMF711JPN; Type: Portable Handset; Serial: 0026M

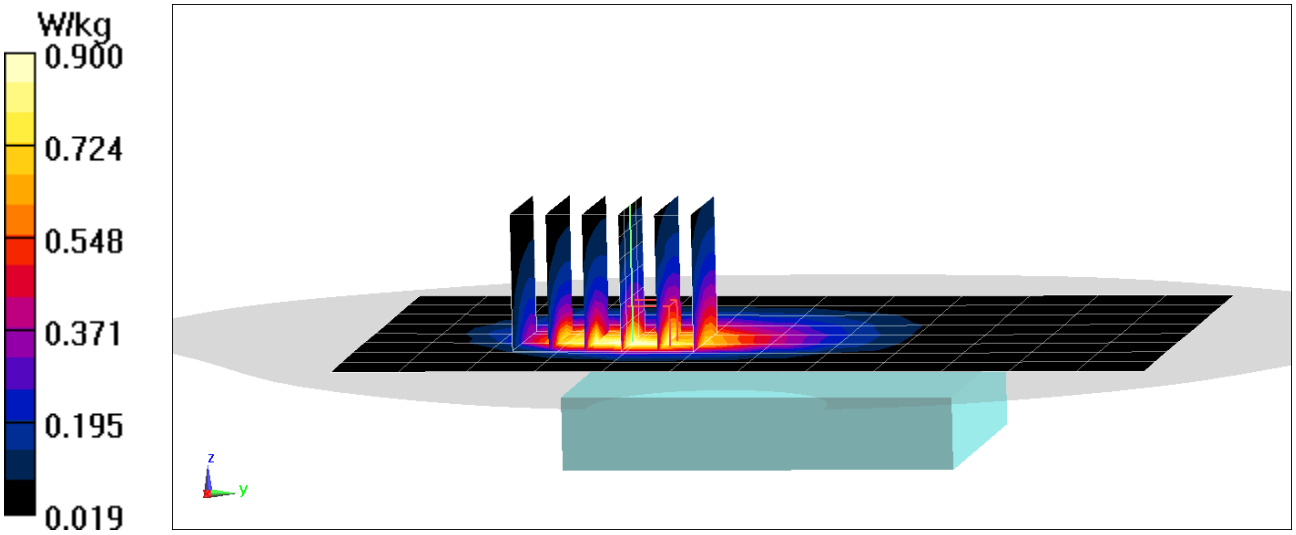
Communication System: UID 0, LTE Band 13; Frequency: 782 MHz; Duty Cycle: 1:1
Medium: 750 Body; Medium parameters used (interpolated):
f = 782 MHz; σ = 0.977 S/m; ε_r = 54.834; ρ = 1000 kg/m^3
Phantom section: Flat Section; Space: 0.5 cm

Test Date: 06/30/2021; Ambient Temp: 22.6°C; Tissue Temp: 21.0°C

Probe: EX3DV4 - SN7357; ConvF(10.29, 10.29, 10.29) @ 782 MHz; Calibrated: 4/19/2021
Sensor-Surface: 1.4mm (Mechanical Surface Detection)
Electronics: DAE4 Sn1407; Calibrated: 4/7/2021
Phantom: Front; Type: QD 000 P40 CD; Serial: 1686
Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

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

Area Scan (9x13x1): Measurement grid: dx=15mm, dy=15mm
Zoom Scan (5x6x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 25.09 V/m; Power Drift = -0.17 dB
Peak SAR (extrapolated) = 1.10 W/kg
SAR(1 g) = 0.639 W/kg



PCTEST

DUT: A3LSMF711JPN; Type: Portable Handset; Serial: 0030M

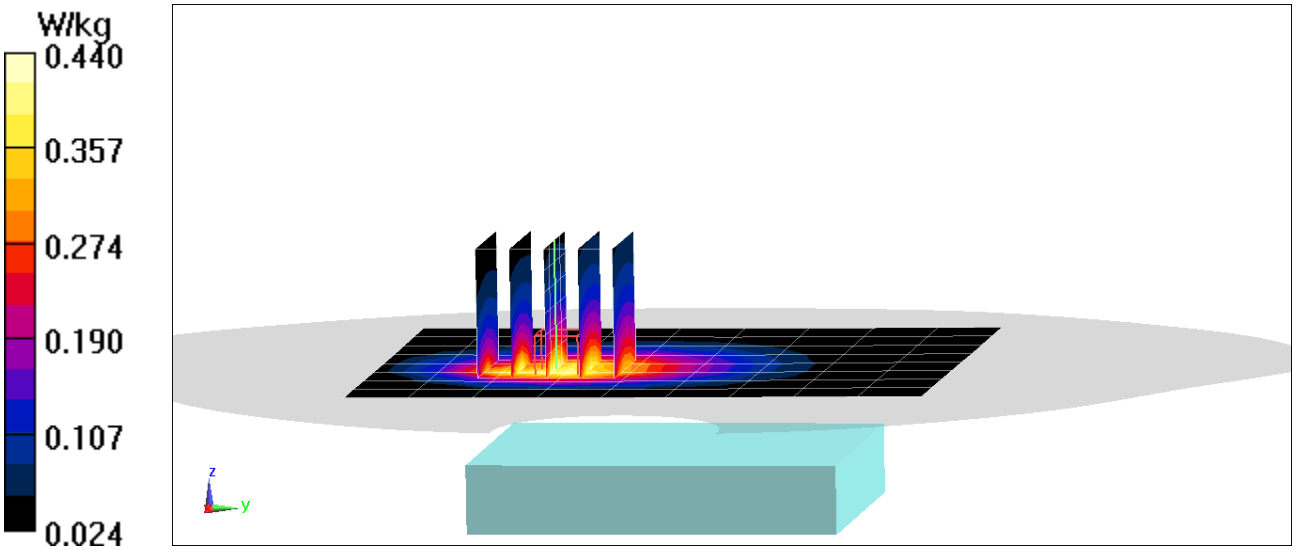
Communication System: UID 0, LTE Band 5; Frequency: 836.5 MHz; Duty Cycle: 1:1
Medium: 835 Body; Medium parameters used (interpolated):
f = 836.5 MHz; σ = 0.95 S/m; ε_r = 53.829; ρ = 1000 kg/m^3
Phantom section: Flat Section; Space: 1.5 cm

Test Date: 06/29/2021; Ambient Temp: 25.0°C; Tissue Temp: 23.0°C

Probe: EX3DV4 - SN7410; ConvF(9.73, 9.73, 9.73) @ 836.5 MHz; Calibrated: 7/20/2020
Sensor-Surface: 1.4mm (Mechanical Surface Detection)
Electronics: DAE4 Sn1322; Calibrated: 7/15/2020
Phantom: Twin-SAM V5.0 Left 20; Type: QD 000 P40 CD; Serial: 1715
Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

Mode: LTE Band 5 (Cell.) Closed, Body SAR, Back side, Mid.ch, 10 MHz Bandwidth, QPSK, 1 RB, 25 RB Offset

Area Scan (9x10x1): Measurement grid: dx=15mm, dy=15mm
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 19.20 V/m; Power Drift = -0.02 dB
Peak SAR (extrapolated) = 0.505 W/kg
SAR(1 g) = 0.328 W/kg



PCTEST

DUT: A3LSMF711JPN; Type: Portable Handset; Serial: 0080M

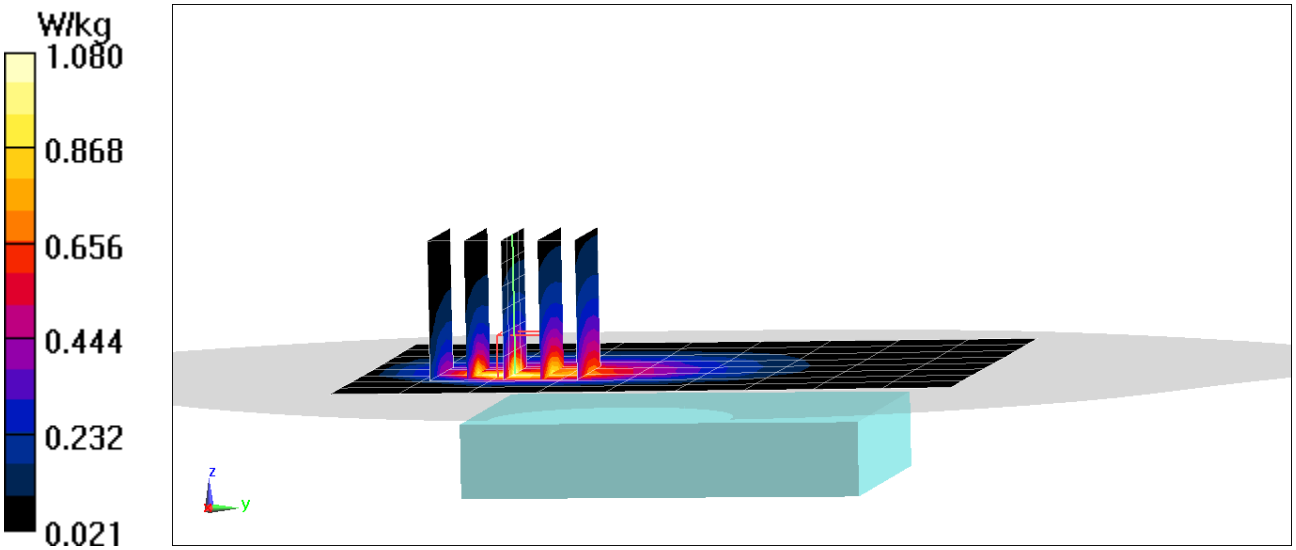
Communication System: UID 0, LTE Band 5; Frequency: 836.5 MHz; Duty Cycle: 1:1
Medium: 835 Body; Medium parameters used (interpolated):
f = 836.5 MHz; σ = 0.94 S/m; ε_r = 52.56; ρ = 1000 kg/m^3
Phantom section: Flat Section; Space: 0.5 cm

Test Date: 07/04/2021; Ambient Temp: 24.8°C; Tissue Temp: 22.8°C

Probe: EX3DV4 - SN7409; ConvF(9.66, 9.66, 9.66) @ 836.5 MHz; Calibrated: 6/21/2021
Sensor-Surface: 1.4mm (Mechanical Surface Detection)
Electronics: DAE4 Sn1334; Calibrated: 6/15/2021
Phantom: Twin-SAM V5.0 Left 20; Type: QD 000 P40 CD; Serial: 1715
Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

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

Area Scan (9x10x1): Measurement grid: dx=15mm, dy=15mm
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 28.54 V/m; Power Drift = -0.04 dB
Peak SAR (extrapolated) = 1.33 W/kg
SAR(1 g) = 0.693 W/kg



DUT: A3LSMF711JPN; Type: Portable Handset; Serial: 0006M

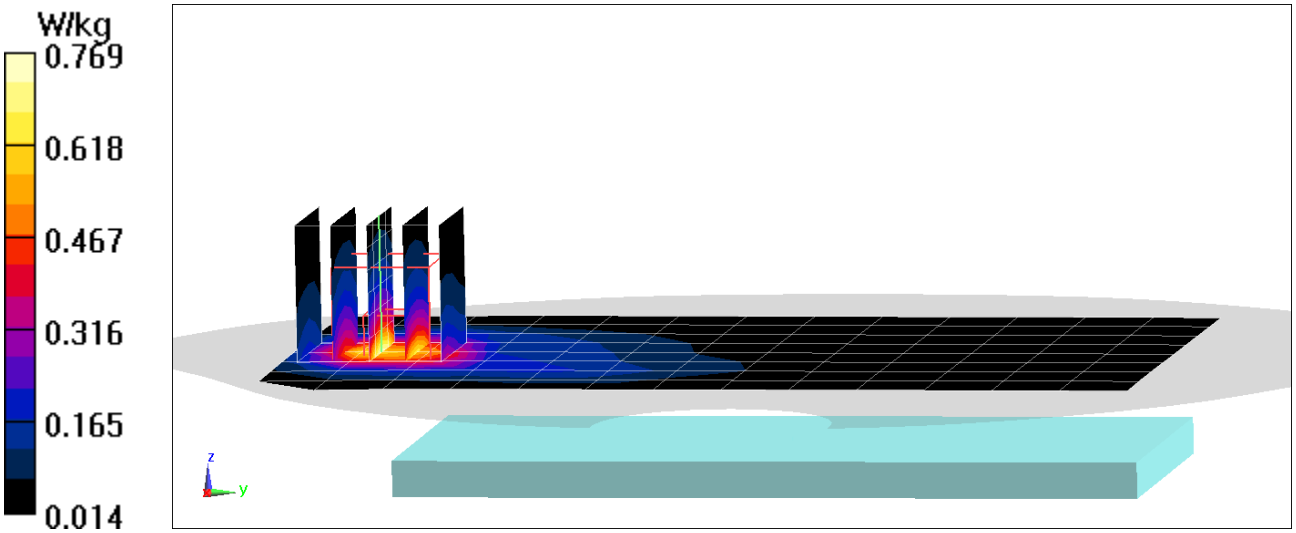
Communication System: UID 0, LTE Band 4 (AWS); Frequency: 1732.5 MHz; Duty Cycle: 1:1
Medium: 1750 Body; Medium parameters used (interpolated):
f = 1732.5 MHz; σ = 1.507 S/m; ε_r = 52.726; ρ = 1000 kg/m^3
Phantom section: Flat Section; Space: 1.5 cm

Test Date: 06/28/2021; Ambient Temp: 21.2°C; Tissue Temp: 21.4°C

Probe: EX3DV4 - SN7308; ConvF(8.2, 8.2, 8.2) @ 1732.5 MHz; Calibrated: 7/31/2020
Sensor-Surface: 1.4mm (Mechanical Surface Detection)
Electronics: DAE4 Sn1450; Calibrated: 8/11/2020
Phantom: Twin-SAM V5.0; Type: QD 000 P40 CD; Serial: 1792
Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

Mode: LTE Band 4 (AWS) Open, Body SAR, Back side, Mid.ch, 20 MHz Bandwidth, QPSK, 1 RB, 50 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 = 19.77 V/m; Power Drift = 0.03 dB
Peak SAR (extrapolated) = 0.918 W/kg
SAR(1 g) = 0.545 W/kg



PCTEST

DUT: A3LSMF711JPN; Type: Portable Handset; Serial: 0006M

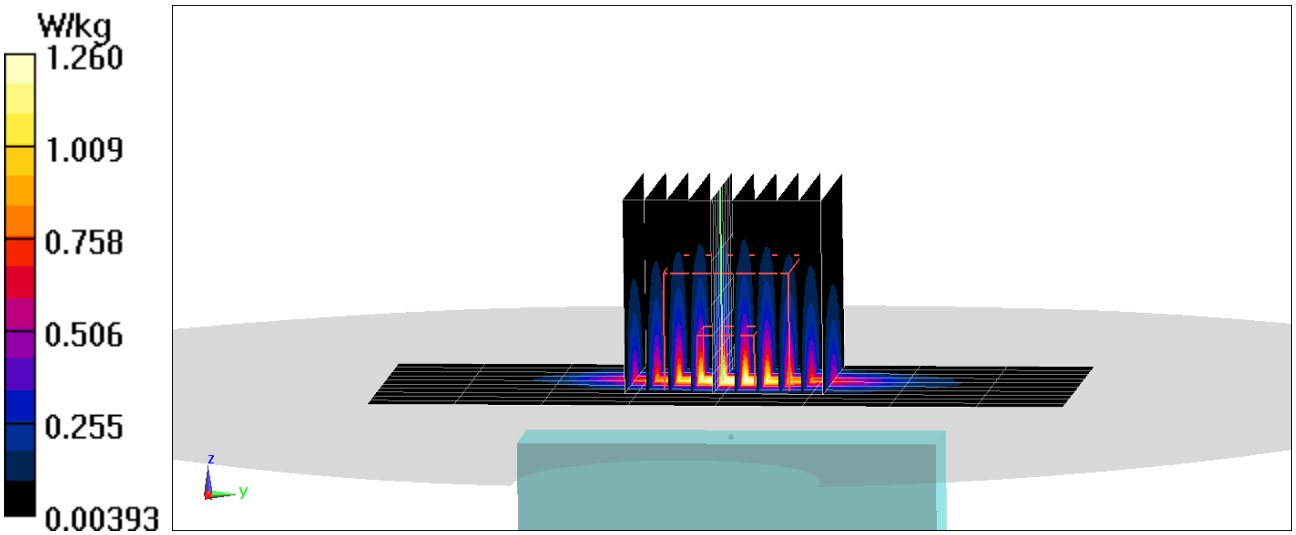
Communication System: UID 0, LTE Band 4 (AWS); Frequency: 1732.5 MHz; Duty Cycle: 1:1
Medium: 1750 Body; Medium parameters used (interpolated):
f = 1732.5 MHz; σ = 1.512 S/m; ε_r = 52.425; ρ = 1000 kg/m^3
Phantom section: Flat Section; Space: 0.5 cm

Test Date: 06/30/2021; Ambient Temp: 21.6°C; Tissue Temp: 21.3°C

Probe: EX3DV4 - SN7308; ConvF(8.2, 8.2, 8.2) @ 1732.5 MHz; Calibrated: 7/31/2020
Sensor-Surface: 1.4mm (Mechanical Surface Detection)
Electronics: DAE4 Sn1450; Calibrated: 8/11/2020
Phantom: Twin-SAM V5.0; Type: QD 000 P40 CD; Serial: 1792
Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

Mode: LTE Band 4 (AWS) Closed, Body SAR, Bottom Edge, Mid.ch, 20 MHz Bandwidth, QPSK, 100 RB, 0 RB Offset

Area Scan (11x9x1): Measurement grid: dx=5mm, dy=15mm
Zoom Scan (10x10x8)/Cube 0: Measurement grid: dx=3.8mm, dy=3.8mm, dz=1.4mm; Graded Ratio: 1.4
Reference Value = 25.66 V/m; Power Drift = -0.20 dB
Peak SAR (extrapolated) = 2.01 W/kg
SAR(1 g) = 0.852 W/kg



DUT: A3LSMF711JPN; Type: Portable Handset; S/N: 0080M

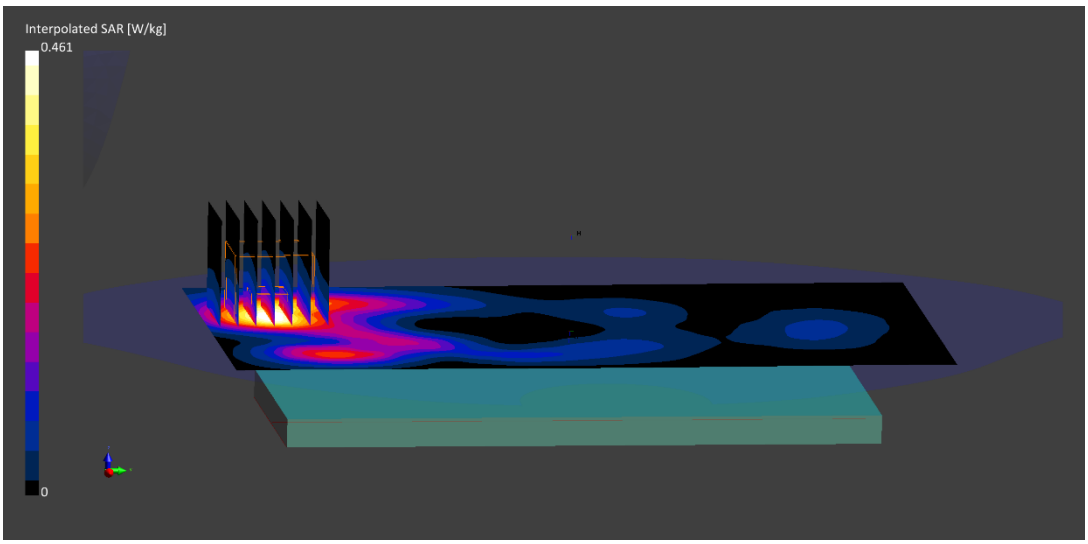
Communication System: UID:10435-AAF, LTE-TDD; MAIA: Y; Frequency: 2680.0 MHz
Medium: 2450 Body; Medium parameters used:
f = 2680.0 MHz; cond = 2.32 S/m; perm = 49.9; density = 1000 kg/m3
Phantom Section: Flat; Space: 15.00 mm

Test Date: 07/14/2021; Ambient Temp: 23.6°C; Tissue Temp: 24.2°C

Probe: EX3DV4 - SN7538; ConvF:(7.25,7.25,7.25); Calibrated: 2020-11-23
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1449; Calibrated: 2020-09-10
Phantom: Twin-SAM V5.0 (Left); Serial: 1873
Measurement SW: cDASY6 Module SAR V6.14.0.959

Mode: LTE Band 41 Open, Body SAR, Back Side, High.ch, 20 MHz Bandwidth, QPSK, 1 RB, 50 RB Offset

Area Scan (120.0 x 200.0): Measurement grid: dx=10.0mm, dy=10.0mm
Zoom Scan (30.0 x 30.0 x 30.0): Measurement grid: dx=5.0mm, dy=5.0mm, dz=1.5mm; Graded Ratio: 1.5
Reference Value = 0.28 W/kg; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 0.461 W/kg
SAR(1 g) = 0.229 W/kg



DUT: A3LSMF711JPN; Type: Portable Handset; S/N: 0080M

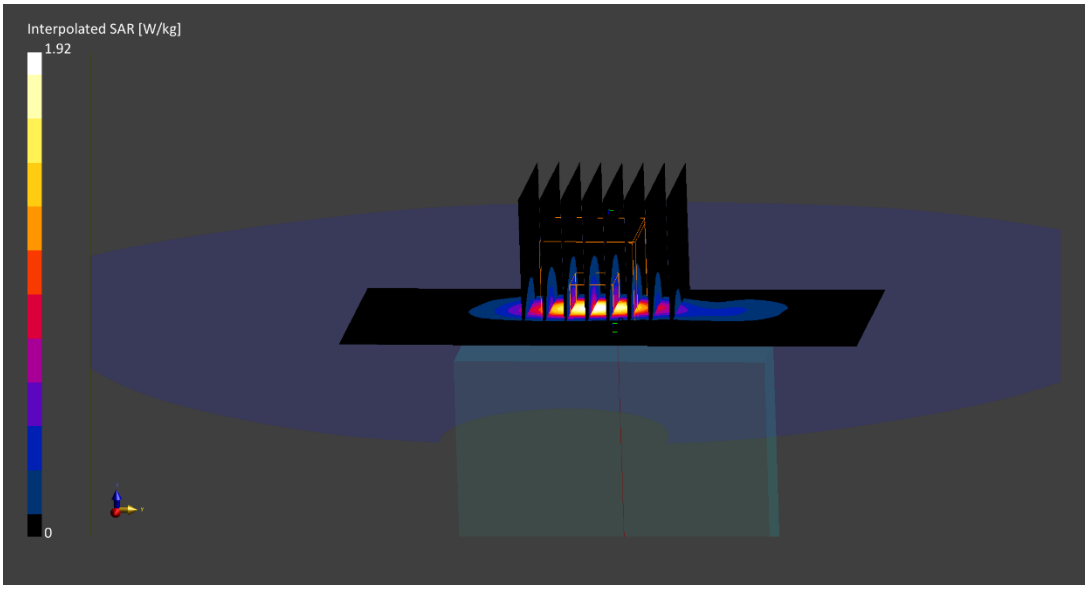
Communication System: UID:10494-AAF, LTE-TDD; MAIA: Y; Frequency: 2636.5 MHz
Medium: 2450 Body; Medium parameters used:
f = 2636.5 MHz; cond = 2.26 S/m; perm = 50.0; density = 1000 kg/m3
Phantom Section: Flat; Space: 5.00 mm

Test Date: 07/14/2021; Ambient Temp: 23.6°C; Tissue Temp: 24.2°C

Probe: EX3DV4 - SN7538; ConvF:(7.25,7.25,7.25); Calibrated: 2020-11-23
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1449; Calibrated: 2020-09-10
Phantom: Twin-SAM V5.0 (Left); Serial: 1873
Measurement SW: cDASY6 Module SAR V6.14.0.959

Mode: LTE Band 41 Closed, Body SAR, Bottom Edge, Mid-high.ch, 20 MHz Bandwidth, QPSK, 50 RB, 25 RB Offset

Area Scan (50.0 x 120.0): Measurement grid: dx=5.0mm, dy=10.0mm
Zoom Scan (30.0 x 30.0 x 30.0): Measurement grid: dx=4.9mm, dy=4.9mm, dz=1.5mm; Graded Ratio: 1.5
Reference Value = 0.94 W/kg; Power Drift = 0.08 dB
Peak SAR (extrapolated) = 1.920 W/kg
SAR(1 g) = 0.751 W/kg



DUT: A3LSMF711JPN; Type: Portable Handset; S/N: 0710M

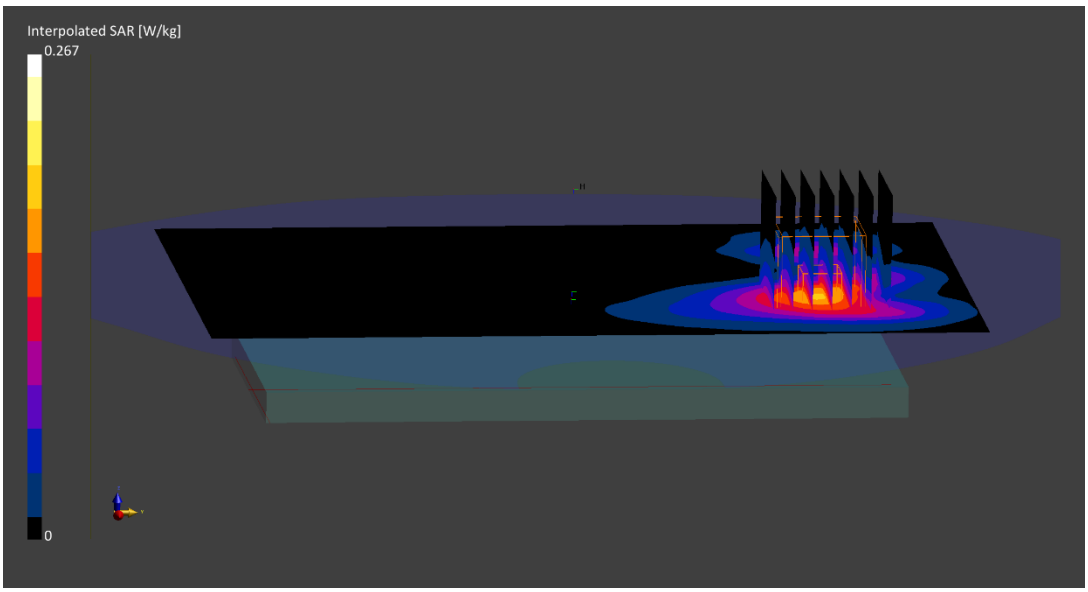
Communication System: UID:10415-AAA, WLAN; MAIA: Y; Frequency: 2412.0 MHz
Medium: 2450 Body; Medium parameters used:
f = 2412.0 MHz; cond = 1.89 S/m; perm = 52.3; density = 1000 kg/m3
Phantom Section: Flat; Space: 15.00 mm

Test Date: 07/06/2021; Ambient Temp: 21.0°C; Tissue Temp: 24.5°C

Probe: EX3DV4 - SN7539; ConvF:(7.62,7.62,7.62); Calibrated: 2020-10-20
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1415; Calibrated: 2021-03-10
Phantom: Twin-SAM V8.0 (Right); Serial: 1966
Measurement SW: cDASY6 Module SAR V16.0.0.116

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

Area Scan (120.0 x 200.0): Measurement grid: dx=10.0mm, dy=10.0mm
Zoom Scan (30.0 x 30.0 x 30.0): Measurement grid: dx=5.0mm, dy=5.0mm, dz=1.5mm; Graded Ratio: 1.5
Reference Value = 0.14 W/kg; Power Drift = -0.03 dB
Peak SAR (extrapolated) = 0.267 W/kg
SAR(1 g) = 0.145 W/kg



DUT: A3LSMF711JPN; Type: Portable Handset; S/N: 0710M

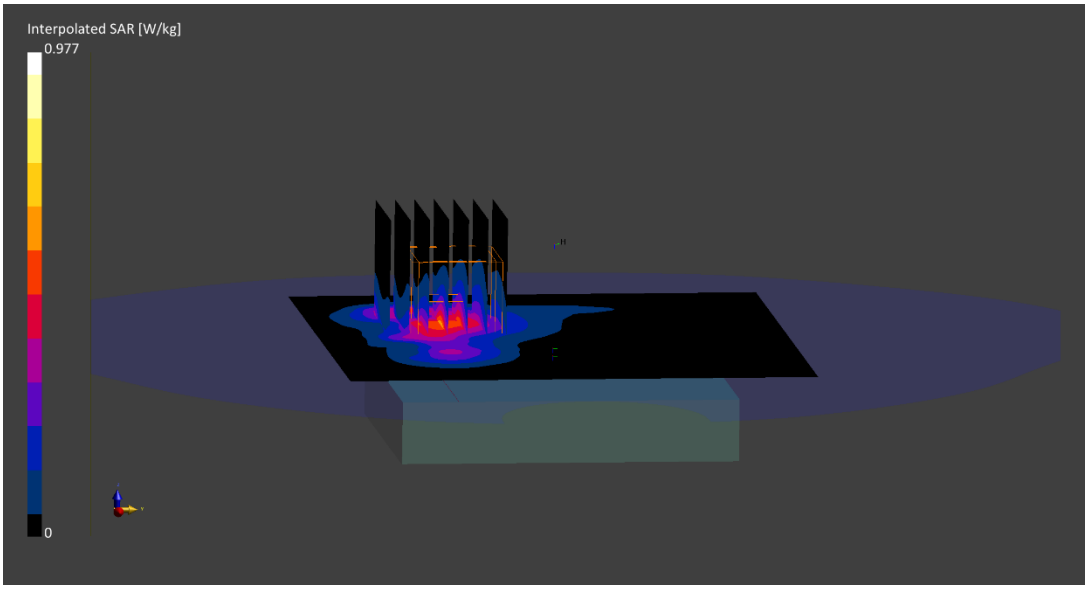
Communication System: UID:10415-AAA, WLAN; MAIA: Y; Frequency: 2412.0 MHz
Medium: 2450 Body; Medium parameters used:
f = 2412.0 MHz; cond = 1.89 S/m; perm = 52.3; density = 1000 kg/m3
Phantom Section: Flat; Space: 5.00 mm

Test Date: 07/06/2021; Ambient Temp: 21.0°C; Tissue Temp: 24.5°C

Probe: EX3DV4 - SN7539; ConvF:(7.62,7.62,7.62); Calibrated: 2020-10-20
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1415; Calibrated: 2021-03-10
Phantom: Twin-SAM V8.0 (Right); Serial: 1966
Measurement SW: cDASY6 Module SAR V16.0.0.116

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

Area Scan (120.0 x 120.0): Measurement grid: dx=10.0mm, dy=10.0mm
Zoom Scan (30.0 x 30.0 x 30.0): Measurement grid: dx=5.0mm, dy=5.0mm, dz=1.5mm; Graded Ratio: 1.5
Reference Value = 0.47 W/kg; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 0.977 W/kg
SAR(1 g) = 0.493 W/kg



DUT: A3LSMF711JPN; Type: Portable Handset; S/N: 0880M

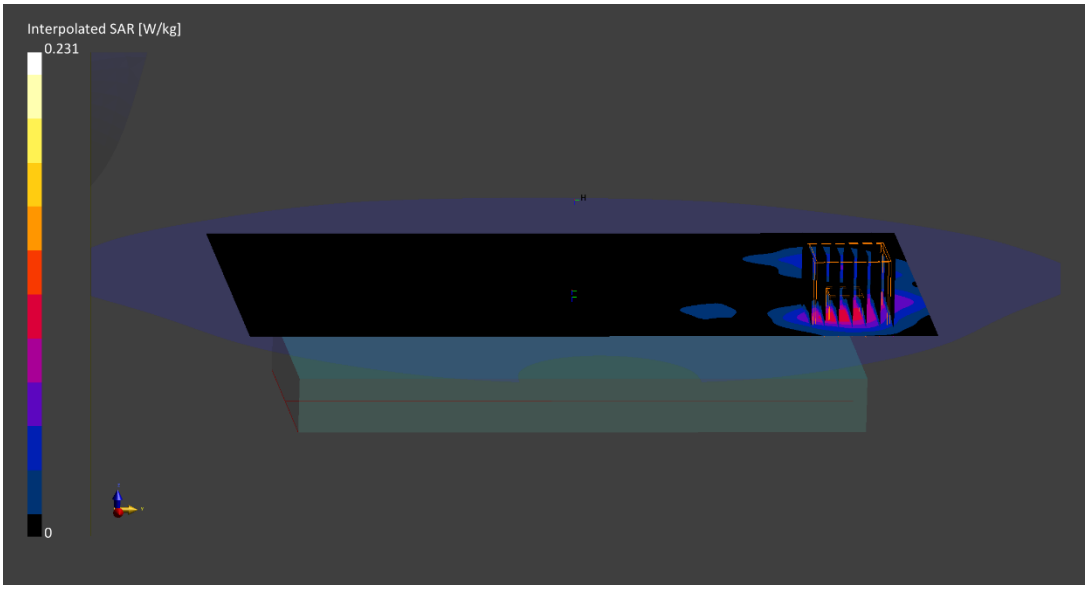
Communication System: UID:10196-CAD, WLAN; MAIA: Y; Frequency: 5260.0 MHz
Medium: 5200-5800 Body; Medium parameters used:
f = 5260.0 MHz; cond = 5.32 S/m; perm = 47.9; density = 1000 kg/m3
Phantom Section: Flat; Space: 15.00 mm

Test Date: 07/04/2021; Ambient Temp: 21.3°C; Tissue Temp: 22.5°C

Probe: EX3DV4 - SN7526; ConvF:(4.55,4.55,4.55); Calibrated: 2021-03-16
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1272; Calibrated: 2021-03-18
Phantom: Twin-SAM V5.0 (left); Serial: 1758
Measurement SW: cDASY6 Module SAR V6.14.0.959

Mode: IEEE 802.11n Open, 20 MHz Bandwidth, UNII-2A, MIMO, Ch. 52, Body SAR, Back side, 13 Mbps

Area Scan (120.0 x 200.0): Measurement grid: dx=10.0mm, dy=10.0mm
Zoom Scan (22.0 x 22.0 x 22.0): Measurement grid: dx=4.0mm, dy=4.0mm, dz=1.4mm; Graded Ratio: 1.4
Reference Value = 0.12 W/kg; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 0.331 W/kg
SAR(1 g) = 0.077 W/kg



DUT: A3LSMF711JPN; Type: Portable Handset; S/N: 0880M

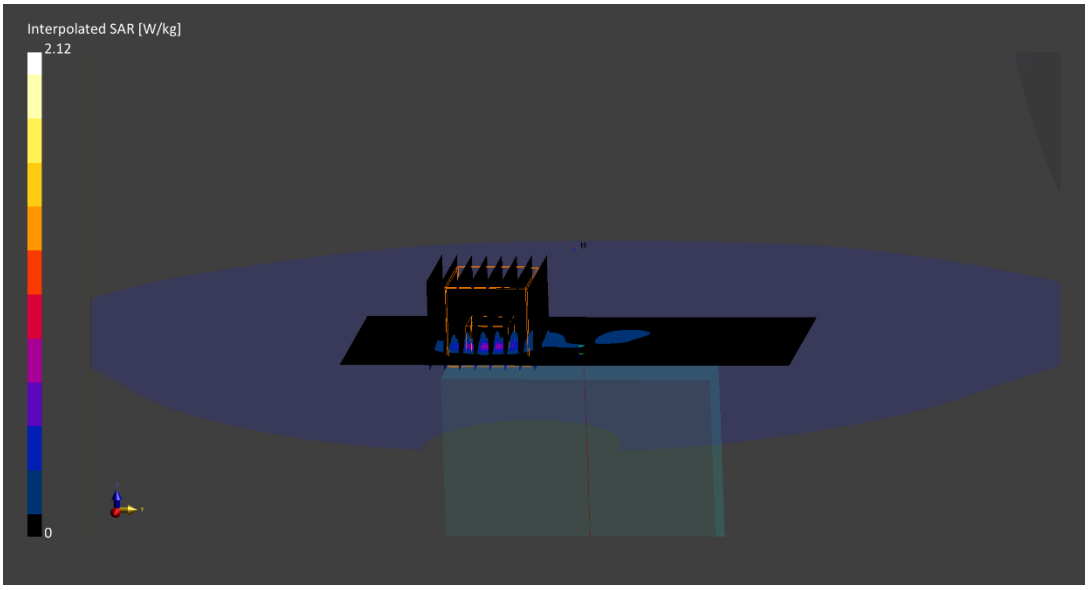
Communication System: UID:10196-CAD, WLAN; MAIA: Y; Frequency: 5745.0 MHz
Medium: 5200-5800 Body; Medium parameters used:
f = 5745.0 MHz; cond = 5.94 S/m; perm = 46.6; density = 1000 kg/m3
Phantom Section: Flat; Space: 5.00 mm

Test Date: 07/11/2021; Ambient Temp: 22.1°C; Tissue Temp: 22.0°C

Probe: EX3DV4 - SN7526; ConvF:(4.14,4.14,4.14); Calibrated: 2021-03-16
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1272; Calibrated: 2021-03-18
Phantom: Twin-SAM V5.0 (left); Serial: 1758
Measurement SW: cDASY6 Module SAR V6.14.0.959

Mode: IEEE 802.11n Closed, 20 MHz Bandwidth, UNII-3, MIMO, Ch. 149, Body SAR, Bottom Edge, 13 Mbps

Area Scan (50.0 x 120.0): Measurement grid: dx=5.0mm, dy=10.0mm
Zoom Scan (22.0 x 22.0 x 22.0): Measurement grid: dx=4.0mm, dy=4.0mm, dz=1.4mm; Graded Ratio: 1.4
Reference Value = 0.74 W/kg; Power Drift = -0.09 dB
Peak SAR (extrapolated) = 2.32 W/kg
SAR(1 g) = 0.463 W/kg



DUT: A3LSMF711JPN; Type: Portable Handset; S/N: 0710M

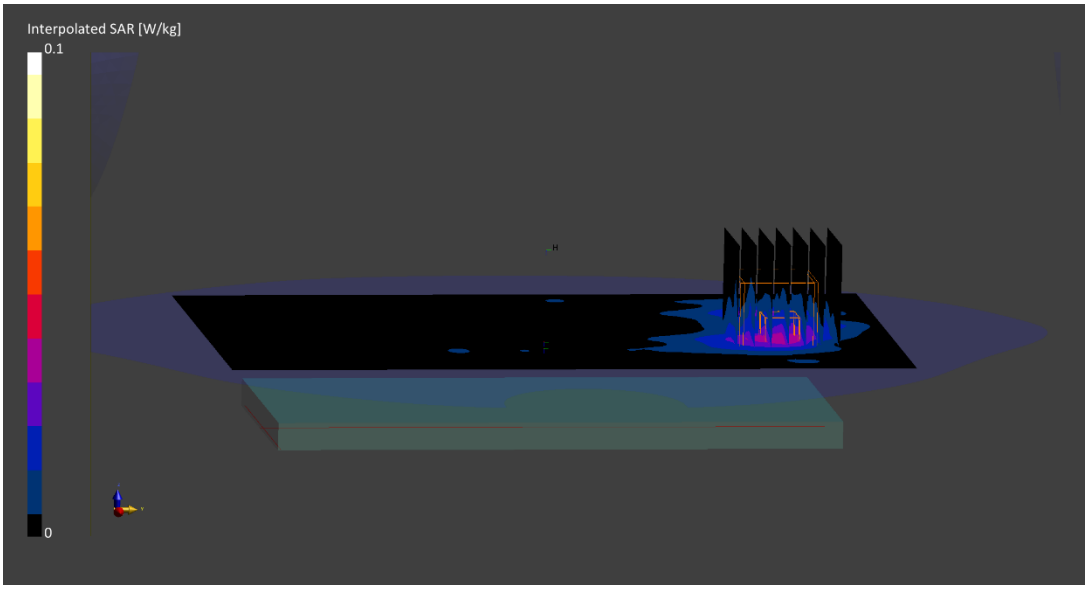
Communication System: UID:10032-CAA, Bluetooth; MAIA: Y; Frequency: 2441.0 MHz
Medium: 2450 Body; Medium parameters used:
f = 2441.0 MHz; cond = 1.93 S/m; perm = 52.7; density = 1000 kg/m3
Phantom Section: Flat; Space: 15.00 mm

Test Date: 07/08/2021; Ambient Temp: 22.1°C; Tissue Temp: 24.3°C

Probe: EX3DV4 - SN7539; ConvF:(7.62,7.62,7.62); Calibrated: 2020-10-20
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1415; Calibrated: 2021-03-10
Phantom: Twin-SAM V8.0 (Right); Serial: 1966
Measurement SW: cDASY6 Module SAR V16.0.0.116

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

Area Scan (120.0 x 200.0): Measurement grid: dx=10.0mm, dy=10.0mm
Zoom Scan (30.0 x 30.0 x 30.0): Measurement grid: dx=5.0mm, dy=5.0mm, dz=1.5mm; Graded Ratio: 1.5
Reference Value = 0.03 W/kg; Power Drift = 0.03 dB
Peak SAR (extrapolated) = 0.060 W/kg
SAR(1 g) = 0.032 W/kg



DUT: A3LSMF711JPN; Type: Portable Handset; S/N: 0710M

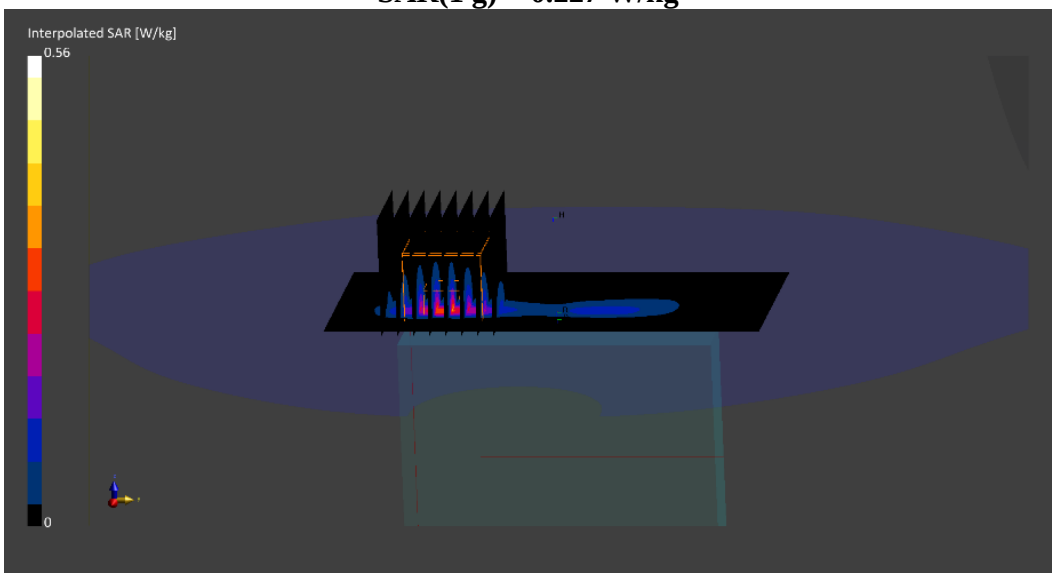
Communication System: UID:10032-CAA, Bluetooth; MAIA: Y; Frequency: 2441.0 MHz
Medium: 2450 Body; Medium parameters used:
f = 2441.0 MHz; cond = 1.93 S/m; perm = 52.2; density = 1000 kg/m3
Phantom Section: Flat; Space: 5.00 mm

Test Date: 07/06/2021; Ambient Temp: 21.0°C; Tissue Temp: 24.5°C

Probe: EX3DV4 - SN7539; ConvF:(7.62,7.62,7.62); Calibrated: 2020-10-20
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1415; Calibrated: 2021-03-10
Phantom: Twin-SAM V8.0 (Right); Serial: 1966
Measurement SW: cDASY6 Module SAR V16.0.0.116

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

Area Scan (60.0 x 120.0): Measurement grid: dx=10.0mm, dy=10.0mm
Zoom Scan (30.0 x 30.0 x 30.0): Measurement grid: dx=4.4mm, dy=4.4mm, dz=1.5mm; Graded Ratio: 1.5
Reference Value = 0.23 W/kg; Power Drift = -0.09 dB
Peak SAR (extrapolated) = 0.560 W/kg
SAR(1 g) = 0.227 W/kg



PCTEST

DUT: A3LSMF711JPN; Type: Portable Handset; Serial: 0006M

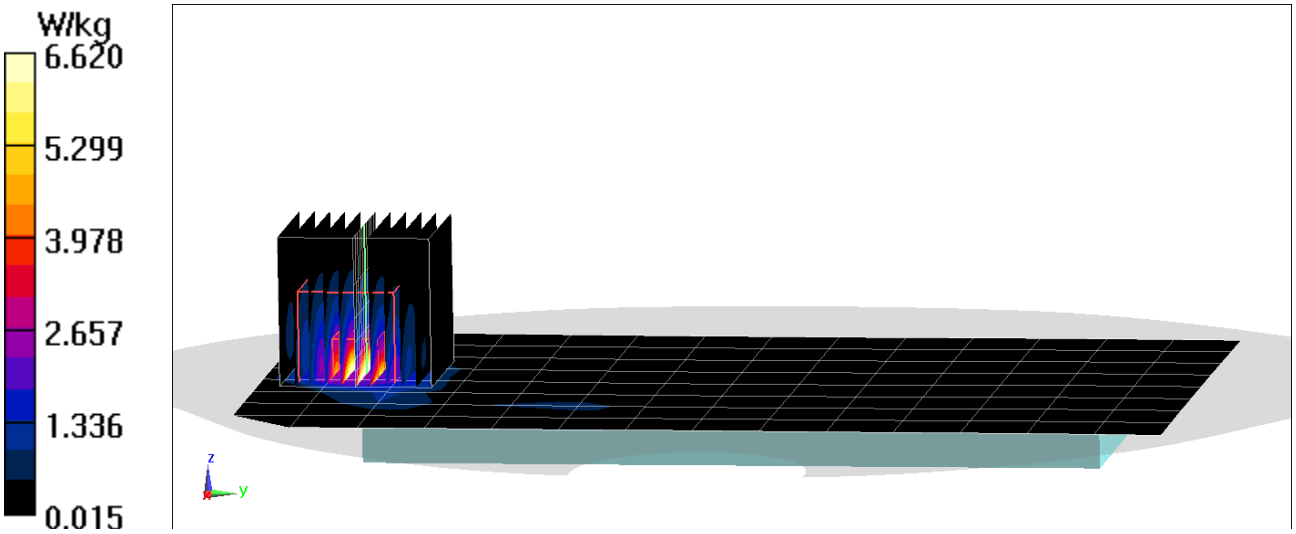
Communication System: UID 0, GSM GPRS; 3 Tx slots; Frequency: 1909.8 MHz; Duty Cycle: 1:2.76
Medium: 1900 Body; Medium parameters used:
f = 1910 MHz; σ = 1.586 S/m; ε_r = 52.621; ρ = 1000 kg/m^3
Phantom section: Flat Section; Space: 0.0 cm

Test Date: 07/12/2021; Ambient Temp: 23.3°C; Tissue Temp: 22.4°C

Probe: EX3DV4 - SN3589; ConvF(6.84, 6.84, 6.84) @ 1909.8 MHz; Calibrated: 1/20/2021
Sensor-Surface: 1.4mm (Mechanical Surface Detection)
Electronics: DAE4 Sn1558; Calibrated: 1/13/2021
Phantom: Twin-SAM V5.0 (30); Type: QD 000 P40 CD; Serial: 1646
Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

Mode: GPRS 1900, Phablet SAR, Back side, High.ch, 3 Tx Slots

Area Scan (9x15x1): Measurement grid: dx=15mm, dy=15mm
Zoom Scan (11x11x8)/Cube 0: Measurement grid: dx=3.4mm, dy=3.4mm, dz=1.4mm; Graded Ratio: 1.4
Reference Value = 61.23 W/kg; Power Drift = 0.04 dB
Peak SAR (extrapolated) = 14.4 W/kg
SAR(10 g) = 2 W/kg



DUT: A3LSMF711JPN; Type: Portable Handset; Serial: 0006M

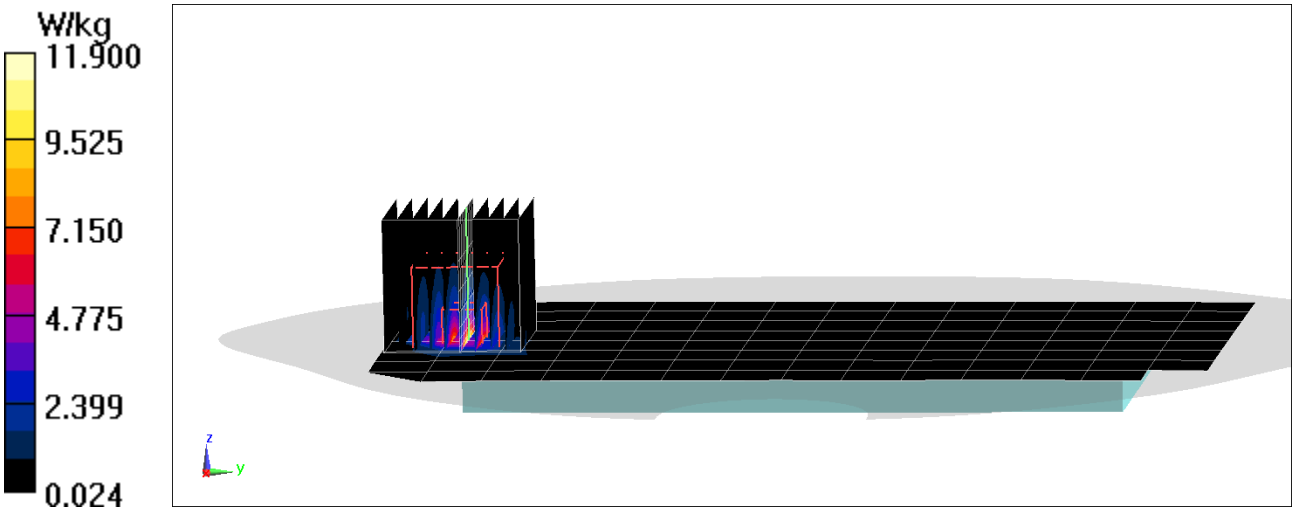
Communication System: UID 0, LTE Band 4 (AWS); Frequency: 1732.5 MHz; Duty Cycle: 1:1
Medium: 1750 Body; Medium parameters used (interpolated):
f = 1732.5 MHz; σ = 1.512 S/m; ε_r = 52.425; ρ = 1000 kg/m^3
Phantom section: Flat Section; Space: 0.0 cm

Test Date: 06/30/2021; Ambient Temp: 21.6°C; Tissue Temp: 21.3°C

Probe: EX3DV4 - SN7308; ConvF(8.2, 8.2, 8.2) @ 1732.5 MHz; Calibrated: 7/31/2020
Sensor-Surface: 1.4mm (Mechanical Surface Detection)
Electronics: DAE4 Sn1450; Calibrated: 8/11/2020
Phantom: Twin-SAM V5.0; Type: QD 000 P40 CD; Serial: 1792
Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

Mode: LTE Band 4 (AWS), Phablet SAR, Back side, Mid.ch,
20 MHz Bandwidth, QPSK, 50 RB, 25 RB Offset

Area Scan (9x15x1): Measurement grid: dx=15mm, dy=15mm
Zoom Scan (10x10x8)/Cube 0: Measurement grid: dx=3.8mm, dy=3.8mm, dz=1.4mm; Graded Ratio: 1.4
Reference Value = 66.57 V/m; Power Drift = 0.10 dB
Peak SAR (extrapolated) = 17.5 W/kg
SAR(10 g) = 2.35 W/kg



DUT: A3LSMF711JPN; Type: Portable Handset; S/N: 0080M

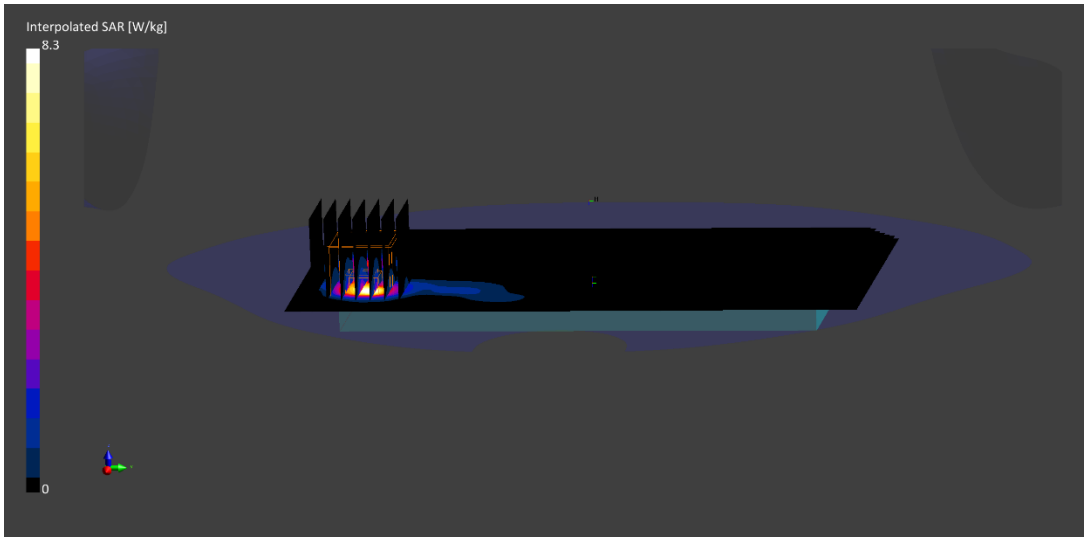
Communication System: UID:10494-AAF, LTE-TDD; MAIA: Y; Frequency: 2549.5 MHz
Medium: 2450 Body; Medium parameters used:
f = 2549.5 MHz; cond = 2.16 S/m; perm = 50.3; density = 1000 kg/m3
Phantom Section: Flat; Space: 0.00 mm

Test Date: 07/14/2021; Ambient Temp: 23.6°C; Tissue Temp: 24.2°C

Probe: EX3DV4 - SN7538; ConvF:(7.25,7.25,7.25); Calibrated: 2020-11-23
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1449; Calibrated: 2020-09-10
Phantom: Twin-SAM V5.0 (Left); Serial: 1873
Measurement SW: cDASY6 Module SAR V6.14.0.959

Mode: LTE Band 41, Phablet SAR, Back Side, Low-mid.ch, 20 MHz Bandwidth, QPSK, 50 RB, 25 RB Offset

Area Scan (120.0 x 200.0): Measurement grid: dx=10.0mm, dy=10.0mm
Zoom Scan (30.0 x 30.0 x 30.0): Measurement grid: dx=5.0mm, dy=5.0mm, dz=1.5mm; Graded Ratio: 1.5
Reference Value = 4.11 W/kg; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 8.296 W/kg
SAR(10 g) = 1.01 W/kg

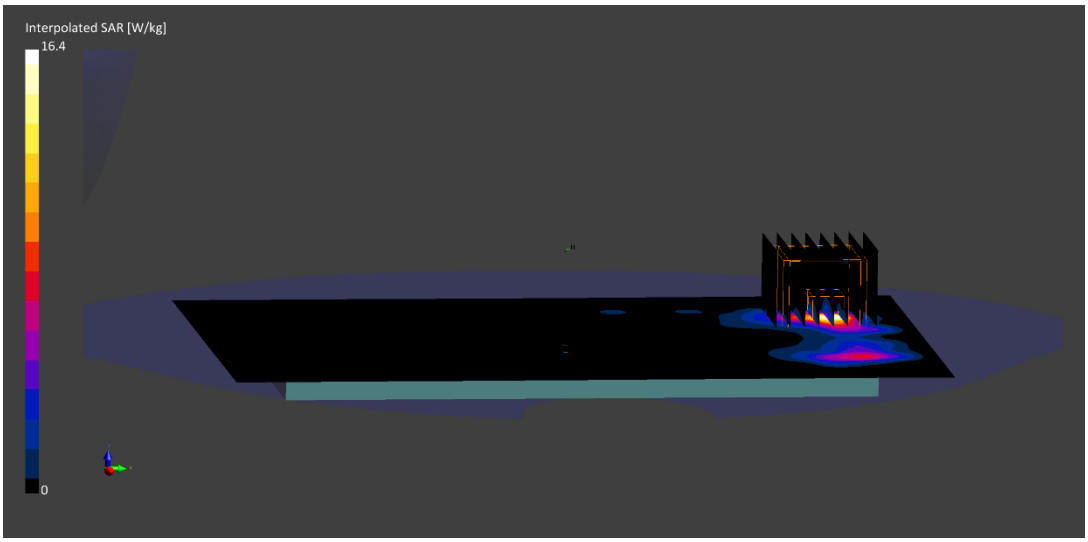


DUT: A3LSMF711JPN; Type: Portable Handset; S/N: 0880M

Communication System: UID:10196-CAD, WLAN; MAIA: Y; Frequency: 5260.0 MHz
Medium: 5200-5800 Body; Medium parameters used:
f = 5260.0 MHz; cond = 5.32 S/m; perm = 47.9; density = 1000 kg/m3
Phantom Section: Flat; Space: 0.00 mm

Test Date: 07/04/2021; Ambient Temp: 21.3°C; Tissue Temp: 22.5°C

Probe: EX3DV4 - SN7526; ConvF:(4.55,4.55,4.55); Calibrated: 2021-03-16
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1272; Calibrated: 2021-03-18
Phantom: Twin-SAM V5.0 (left); Serial: 1758
Measurement SW: cDASY6 Module SAR V6.14.0.959

Mode: IEEE 802.11n, UNII-2A, 20 MHz Bandwidth, MIMO, Phablet SAR, Front Side, Ch. 52, 13 Mbps

Area Scan (120.0 x 200.0): Measurement grid: dx=10.0mm, dy=10.0mm
Zoom Scan (22.0 x 22.0 x 22.0): Measurement grid: dx=4.0mm, dy=4.0mm, dz=1.4mm; Graded Ratio: 1.4
Reference Value = 5.90 W/kg; Power Drift = 0.00 dB
Peak SAR (extrapolated) = 16.415 W/kg
SAR(10 g) = 0.907 W/kg