

APPENDIX A: SAR TEST DATA

PCTEST

DUT: A3LSMA528B; Type: Portable Handset; Serial: 83019

Communication System: UID:10021-DAC, GSM; MAIA: Y; Frequency: 848.8 MHz

Medium: 835 Head; Medium parameters used:

f = 848.8 MHz; cond = 0.943 S/m; perm = 40.7; density = 1000 kg/m³

Phantom Section: Right Head

Test Date: 08/23/2021; Ambient Temp: 22.9°C; Tissue Temp: 22.6°C

Probe: EX3DV4 - SN7406; ConvF:(9.68,9.68,9.68); 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: cDASY8 Module SAR V16.0.0.65

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

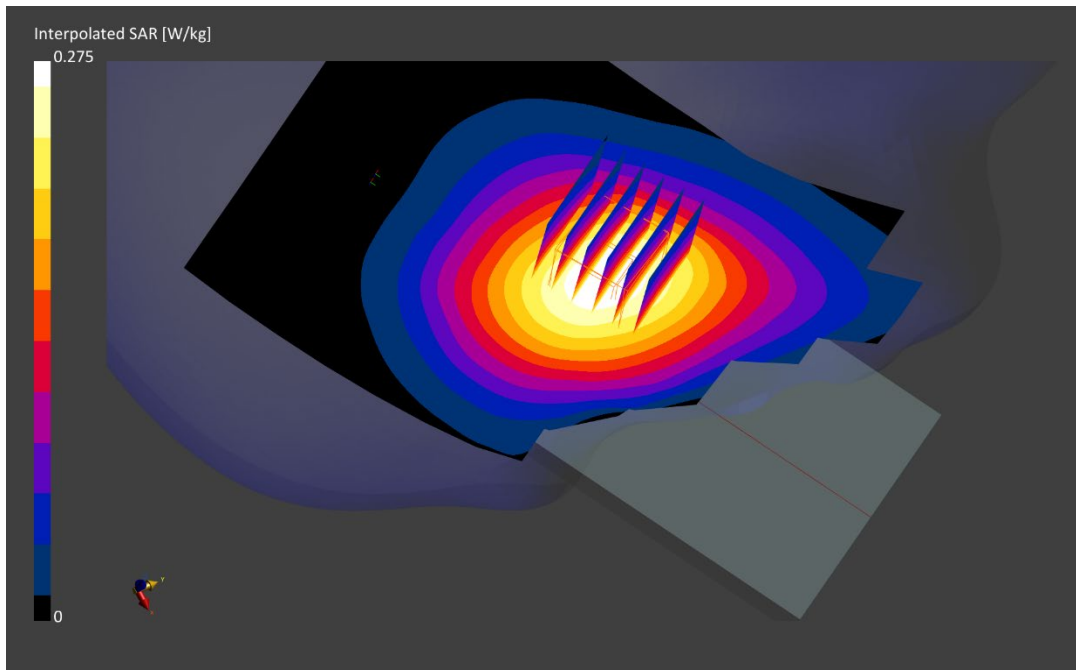
Area Scan (120.0 x 210.0): Measurement grid: dx=15.0 mm, dy=15.0 mm

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 = 0.23 W/kg; Power Drift = -0.16 dB

Peak SAR (extrapolated) = 0.275 W/kg

SAR(1 g) = 0.214 W/kg



PCTEST

DUT: A3LSMA528B; Type: Portable Handset; Serial: 82607

Communication System: UID:10021-DAC, GSM; MAIA: Y; Frequency: 1850.2 MHz

Medium: 1900 Head; Medium parameters used:

f = 1850.2 MHz; cond = 1.39 S/m; perm = 39.0; density = 1000 kg/m³

Phantom Section: Left Head

Test Date: 08/24/2021; Ambient Temp: 24.5°C; Tissue Temp: 22.8°C

Probe: EX3DV4 - SN7660; ConvF:(9.06,9.06,9.06); 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: cDASY8 Module SAR V16.0.0.65

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

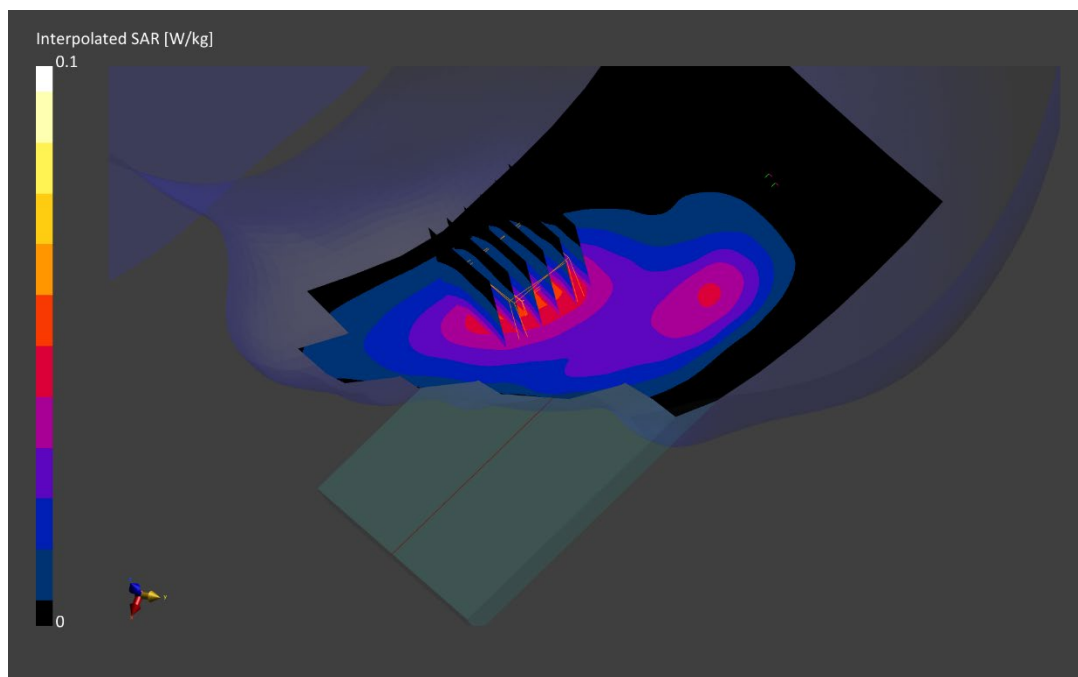
Area Scan (120.0 x 210.0): Measurement grid: dx=15.0 mm, dy=15.0 mm

Zoom Scan (30.0 x 30.0 x 30.0): Measurement grid: dx=6.0 mm, dy=6.0 mm, dz=1.5 mm; Graded Ratio: 1.5

Reference Value = 0.05 W/kg; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.1 W/kg

SAR(1 g) = 0.047 W/kg



PCTEST

DUT: A3LSMA528B; Type: Portable Handset; Serial: 83019

Communication System: UID:10011-CAB, WCDMA; MAIA: Y; Frequency: 826.4 MHz

Medium: 835 Head; Medium parameters used:

f = 826.4 MHz; cond = 0.934 S/m; perm = 40.7; density = 1000 kg/m³

Phantom Section: Right Head

Test Date: 08/23/2021; Ambient Temp: 22.9°C; Tissue Temp: 22.6°C

Probe: EX3DV4 - SN7406; ConvF:(9.68,9.68,9.68); 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: cDASY8 Module SAR V16.0.0.65

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

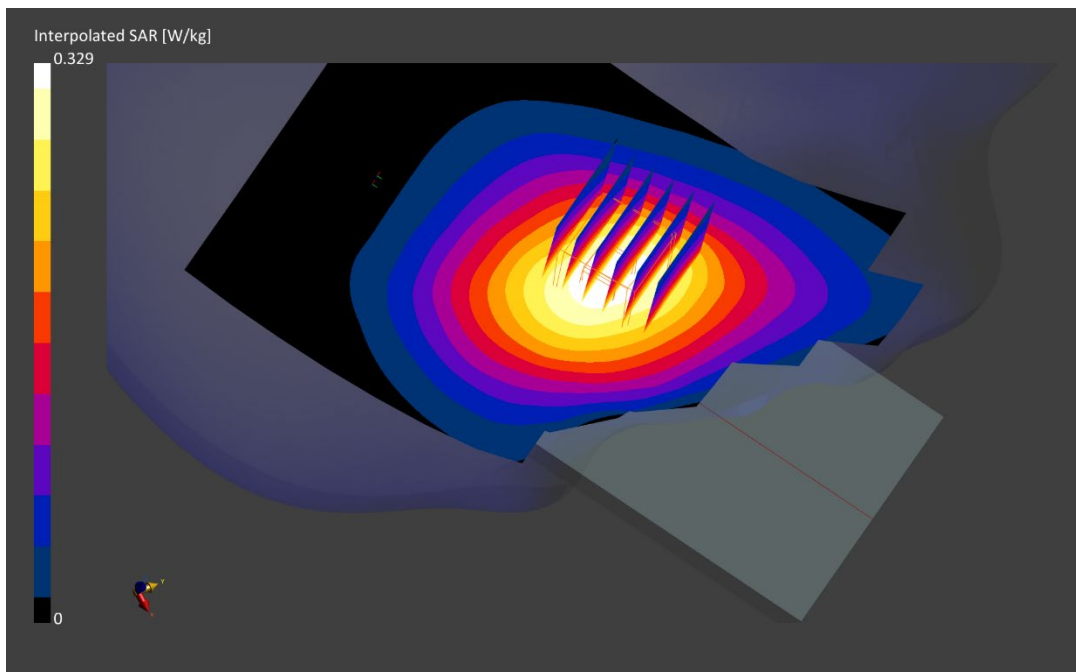
Area Scan (120.0 x 210.0): Measurement grid: dx=15.0 mm, dy=15.0 mm

Zoom Scan (30.0 x 30.0 x 30.0): Measurement grid: dx=6.0 mm, dy=6.0 mm, dz=1.5 mm; Graded Ratio: 1.5

Reference Value = 0.28 W/kg; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 0.329 W/kg

SAR(1 g) = 0.259 W/kg



PCTEST

DUT: A3LSMA528B; Type: Portable Handset; Serial: 83019

Communication System: UID:10011-CAB, WCDMA; MAIA: Y; Frequency: 1712.4 MHz

Medium: 1750 Head; Medium parameters used:

f = 1712.4 MHz; cond = 1.35 S/m; perm = 38.5; density = 1000 kg/m³

Phantom Section: Left Head

Test Date: 08/25/2021; Ambient Temp: 24.0°C; Tissue Temp: 22.0°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: cDASY8 Module SAR V16.0.0.65

Mode: UMTS 1750, Left Head, Cheek, Low.Ch

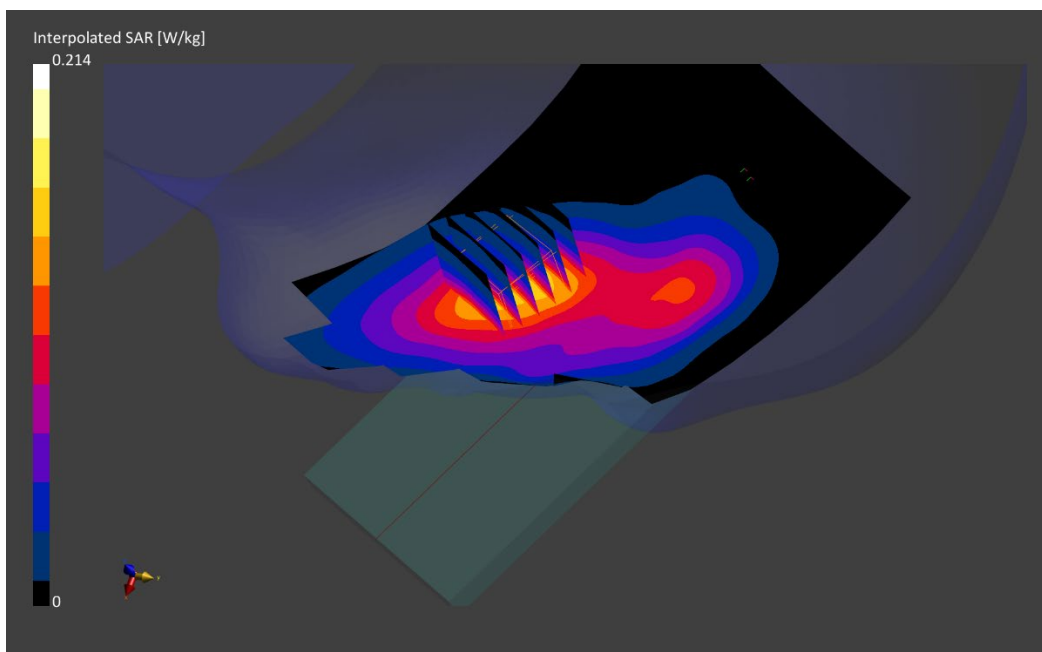
Area Scan (120.0 x 210.0): Measurement grid: dx=15.0 mm, dy=15.0 mm

Zoom Scan (30.0 x 30.0 x 30.0): Measurement grid: dx=6.0 mm, dy=6.0 mm, dz=1.5 mm; Graded Ratio: 1.5

Reference Value = 0.15 W/kg; Power Drift = -0.11 dB

Peak SAR (extrapolated) = 0.214 W/kg

SAR(1 g) = 0.138 W/kg



PCTEST

DUT: A3LSMA528B; Type: Portable Handset; Serial: 82672

Communication System: UID:10011-CAB, WCDMA; MAIA: Y; Frequency: 1852.4 MHz

Medium: 1900 Head; Medium parameters used:

f = 1852.4 MHz; cond = 1.39 S/m; perm = 39.0; density = 1000 kg/m³

Phantom Section: Left Head

Test Date: 08/24/2021; Ambient Temp: 24.5°C; Tissue Temp: 22.8°C

Probe: EX3DV4 - SN7660; ConvF:(9.06,9.06,9.06); 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: cDASY8 Module SAR V16.0.0.65

Mode: UMTS 1900, Left Head, Cheek, Low.Ch

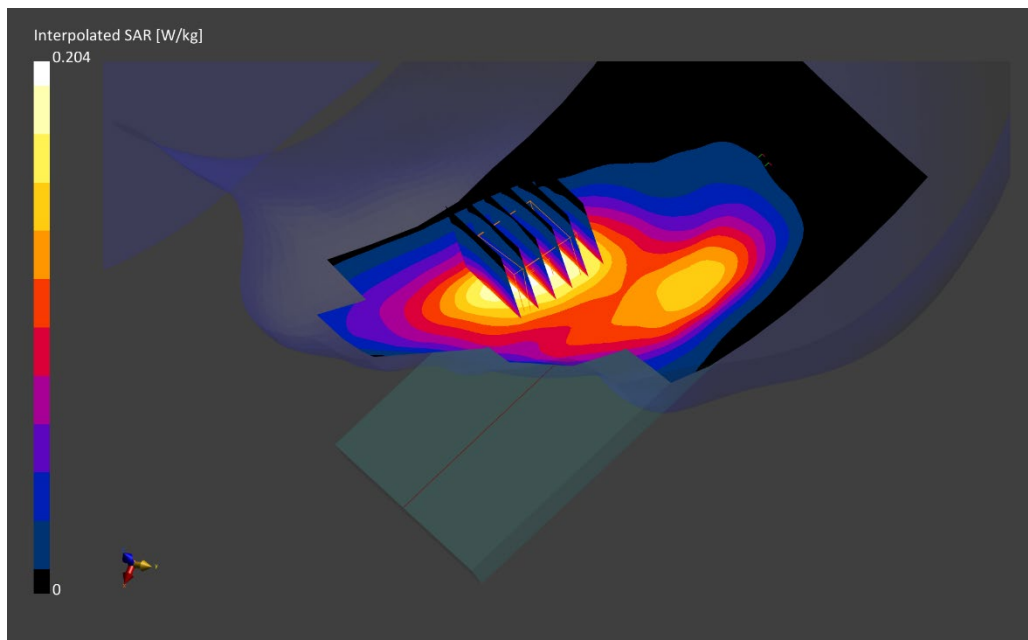
Area Scan (120.0 x 210.0): Measurement grid: dx=15.0 mm, dy=15.0 mm

Zoom Scan (30.0 x 30.0 x 30.0): Measurement grid: dx=6.0 mm, dy=6.0 mm, dz=1.5 mm; Graded Ratio: 1.5

Reference Value = 0.13 W/kg; Power Drift = 0.12 dB

Peak SAR (extrapolated) = 0.204 W/kg

SAR(1 g) = 0.126 W/kg



PCTEST

DUT: A3LSMA528B; Type: Portable Handset; Serial: 83019

Communication System: UID:10175 - CAG, LTE-FDD; MAIA: Y; Frequency: 707.5 MHz

Medium: 750 Head; Medium parameters used:

f = 707.5 MHz; cond = 0.889 S/m; perm = 41.1; density = 1000 kg/m³

Phantom Section: Right Head

Test Date: 08/23/2021; Ambient Temp: 22.9°C; Tissue Temp: 22.6°C

Probe: EX3DV4 - SN7406; ConvF:(10.08,10.08,10.08); 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: cDASY8 Module SAR V16.0.0.65

Mode: LTE Band 12, Right Head, Cheek, Mid.ch
10 MHz Bandwidth, QPSK, 1 RB, 49 RB Offset

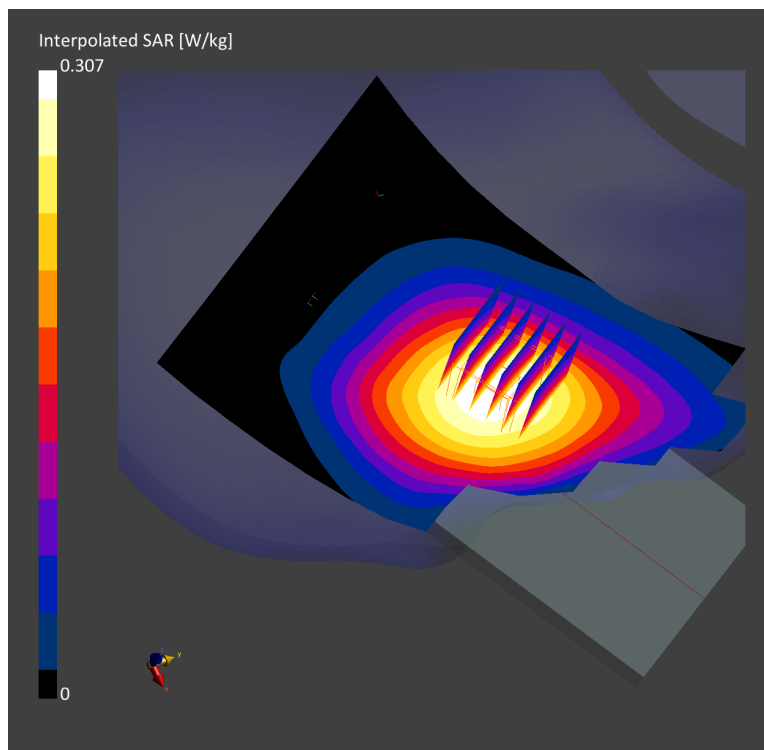
Area Scan (120.0 x 210.0): Measurement grid: dx=15.0 mm, dy=15.0 mm

Zoom Scan (30.0 x 30.0 x 30.0): Measurement grid: dx=6.0 mm, dy=6.0 mm, dz=1.5 mm; Graded Ratio: 1.5

Reference Value = 0.27 W/kg; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 0.307 W/kg

SAR(1 g) = 0.238 W/kg



PCTEST

DUT: A3LSMA528B; Type: Portable Handset; Serial: 83019

Communication System: UID:10181 - CAE, LTE-FDD; MAIA: Y; Frequency: 831.5 MHz

Medium: 835 Head; Medium parameters used:

f = 831.5 MHz; cond = 0.936 S/m; perm = 40.7; density = 1000 kg/m³

Phantom Section: Right Head

Test Date: 08/23/2021; Ambient Temp: 22.9°C; Tissue Temp: 22.6°C

Probe: EX3DV4 - SN7406; ConvF:(9.68,9.68,9.68); 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: cDASY8 Module SAR V16.0.0.65

Mode: LTE Band 26, Right Head, Cheek, Mid.ch
15 MHz Bandwidth, QPSK, 1 RB, 0 RB Offset

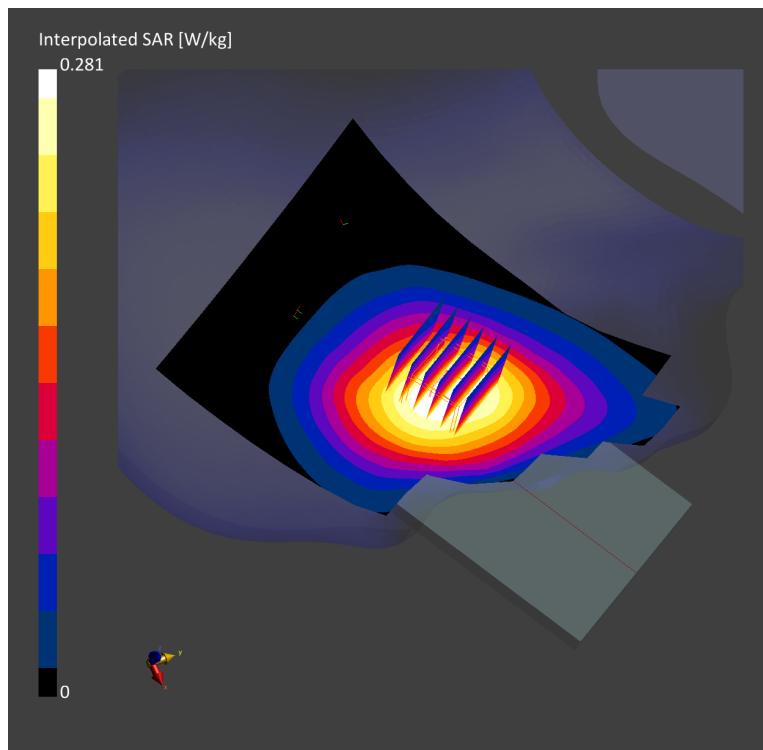
Area Scan (120.0 x 210.0): Measurement grid: dx=15.0 mm, dy=15.0 mm

Zoom Scan (30.0 x 30.0 x 30.0): Measurement grid: dx=6.0 mm, dy=6.0 mm, dz=1.5 mm; Graded Ratio: 1.5

Reference Value = 0.24 W/kg; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 0.281 W/kg

SAR(1 g) = 0.219 W/kg



PCTEST

DUT: A3LSMA528B; Type: Portable Handset; Serial: 83019

Communication System: UID:10169 - CAE, LTE-FDD; MAIA: Y; Frequency: 1720.0 MHz

Medium: 1750 Head; Medium parameters used:

f = 1720.0 MHz; cond = 1.35 S/m; perm = 38.5; density = 1000 kg/m³

Phantom Section: Left Head

Test Date: 08/25/2021; Ambient Temp: 24.3°C; Tissue Temp: 22.0°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: cDASY8 Module SAR V16.0.0.65

Mode: LTE Band 66 (AWS), Left Head, Cheek, Low.ch
20 MHz Bandwidth, QPSK, 1 RB, 50 RB Offset

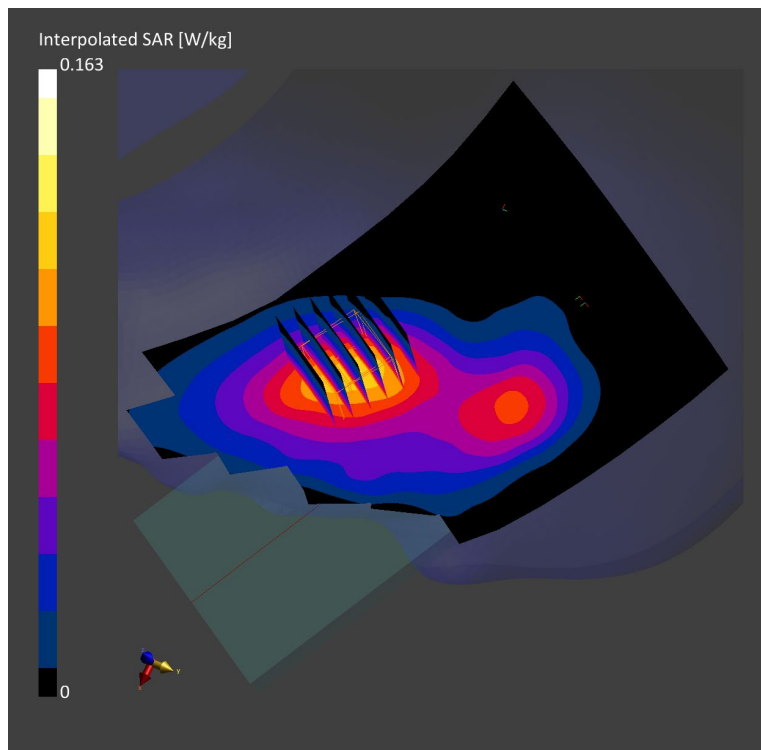
Area Scan (120.0 x 210.0): Measurement grid: dx=15.0 mm, dy=15.0 mm

Zoom Scan (30.0 x 30.0 x 30.0): Measurement grid: dx=6.0 mm, dy=6.0 mm, dz=1.5 mm; Graded Ratio: 1.5

Reference Value = 0.11 W/kg; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 0.163 W/kg

SAR(1 g) = 0.104 W/kg



PCTEST

DUT: A3LSMA528B; Type: Portable Handset; Serial: 82672

Communication System: UID:10169 - CAE, LTE-FDD; MAIA: Y; Frequency: 1860.0 MHz

Medium: 1900 Head; Medium parameters used:

f = 1860.0 MHz; cond = 1.43 S/m; perm = 38.8; density = 1000 kg/m³

Phantom Section: Right Head

Test Date: 08/31/2021; Ambient Temp: 24.3°C; Tissue Temp: 20.9°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: cDASY8 Module SAR V16.0.0.65

**Mode: LTE Band 2, Right Head, Cheek, Low.Ch
20 MHz Bandwidth, QPSK, 1 RB, 0 RB Offset**

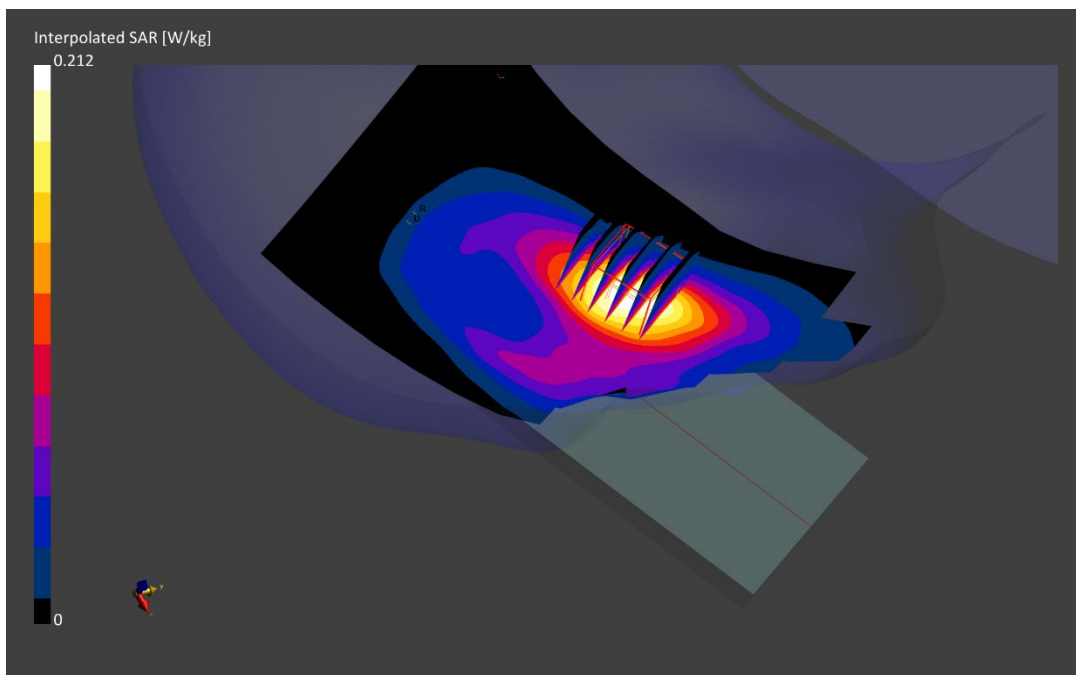
Area Scan (120.0 x 210.0): Measurement grid: dx=15.0 mm, dy=15.0 mm

Zoom Scan (30.0 x 30.0 x 30.0): Measurement grid: dx=6.0 mm, dy=6.0 mm, dz=1.5 mm; Graded Ratio: 1.5

Reference Value = 0.14 W/kg; Power Drift = 0.18 dB

Peak SAR (extrapolated) = 0.212 W/kg

SAR(1 g) = 0.134 W/kg



PCTEST

DUT: A3LSMA528B; Type: Portable Handset; Serial: 82763

Communication System: UID:10435 - AAF, LTE-TDD; MAIA: Y; Frequency: 2593.0 MHz

Medium: 2450 Head; Medium parameters used:

f = 2593.0 MHz; cond = 1.96 S/m; perm = 37.5; density = 1000 kg/m³

Phantom Section: Left Head

Test Date: 08/19/2021; Ambient Temp: 24.5°C; Tissue Temp: 23.2°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: cDASY8 Module SAR V16.0.0.65

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

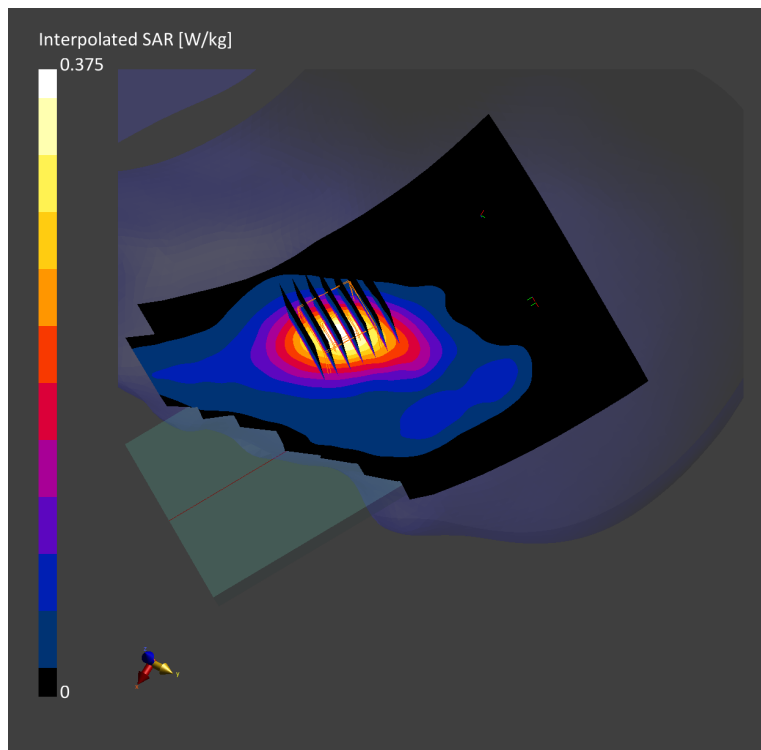
Area Scan (120.0 x 200.0): Measurement grid: dx=10.0 mm, dy=10.0 mm

Zoom Scan (30.0 x 30.0 x 30.0): Measurement grid: dx=5.0 mm, dy=5.0 mm, dz=1.5 mm; Graded Ratio: 1.5

Reference Value = 0.23 W/kg; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 0.375 W/kg

SAR(1 g) = 0.207 W/kg



PCTEST

DUT: A3LSMA528B; Type: Portable Handset; Serial: 83019

Communication System: UID:10931 - AAB, 5G NR FR1 FDD; MAIA: Y; Frequency: 836.5 MHz

Medium: 835 Head; Medium parameters used:

f = 836.5 MHz; cond = 0.929 S/m; perm = 40.4; density = 1000 kg/m³

Phantom Section: Right Head

Test Date: 08/25/2021; Ambient Temp: 24.0°C; Tissue Temp: 22.0°C

Probe: EX3DV4 - SN7406; ConvF:(9.68,9.68,9.68); 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: cDASY8 Module SAR V16.0.0.65

**Mode: NR Band n5, Right Head, Cheek, 20 MHz Bandwidth, Ch. 167300,
DFT-s-OFDM, QPSK, 1 RB, 1 RB Offset**

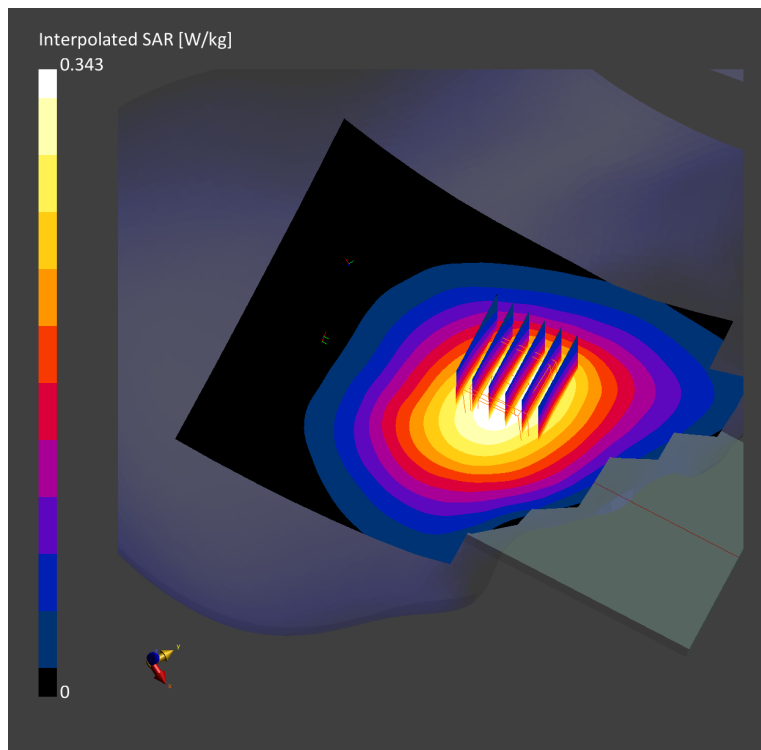
Area Scan (120.0 x 210.0): Measurement grid: dx=15.0 mm, dy=15.0 mm

Zoom Scan (30.0 x 30.0 x 30.0): Measurement grid: dx=6.0 mm, dy=6.0 mm, dz=1.5 mm; Graded Ratio: 1.5

Reference Value = 0.28 W/kg; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 0.343 W/kg

SAR(1 g) = 0.273 W/kg



PCTEST

DUT: A3LSMA528B; Type: Portable Handset; Serial: 83365

Communication System: UID:10939 - AAB, 5G NR FR1 FDD; MAIA: Y; Frequency: 1720.0 MHz

Medium: 1750 Head; Medium parameters used:

f = 1720.0 MHz; cond = 1.35 S/m; perm = 38.4; density = 1000 kg/m³

Phantom Section: Left Head

Test Date: 08/29/2021; Ambient Temp: 23.5°C; Tissue Temp: 21.2°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: cDASY8 Module SAR V16.0.0.65

**Mode: NR Band n66, Left Head, Cheek, 20 MHz Bandwidth, Ch. 344000
DFT-s-OFDM QPSK, 50 RB, 28 RB Offset**

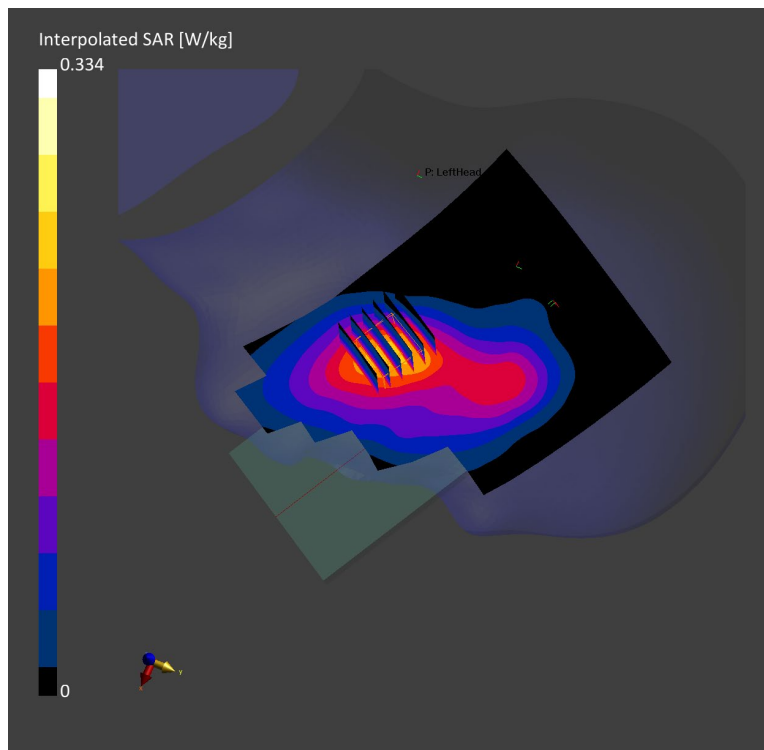
Area Scan (120.0 x 210.0): Measurement grid: dx=15.0 mm, dy=15.0 mm

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 = 0.23 W/kg; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 0.334 W/kg

SAR(1 g) = 0.217 W/kg



PCTEST

DUT: A3LSMA528B; Type: Portable Handset; Serial: 82425

Communication System: UID 0, GSM; Frequency: 848.8 MHz; Duty Cycle: 1:8.3
Medium: 835 Body Medium parameters used (interpolated):
 $f = 848.8$ MHz; $\sigma = 0.958$ S/m; $\epsilon_r = 53.13$; $\rho = 1000$ kg/m³
Phantom section: Flat Section; Space: 1.5 cm

Test Date: 08/25/2021; Ambient Temp: 23.4°C; Tissue Temp: 22.5°C

Probe: EX3DV4 - SN7409; ConvF(9.66, 9.66, 9.66) @ 848.8 MHz; Calibrated: 6/21/2021
Sensor-Surface: 1.4mm (Mechanical Surface Detection)
Electronics: DAE4 Sn1334; Calibrated: 6/15/2021
Phantom: Twin-SAM V5.0 Front (20); Type: QD 000 P40 CD; Serial: 1759
Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

Mode: GSM 850, Body SAR, Back side, High.ch

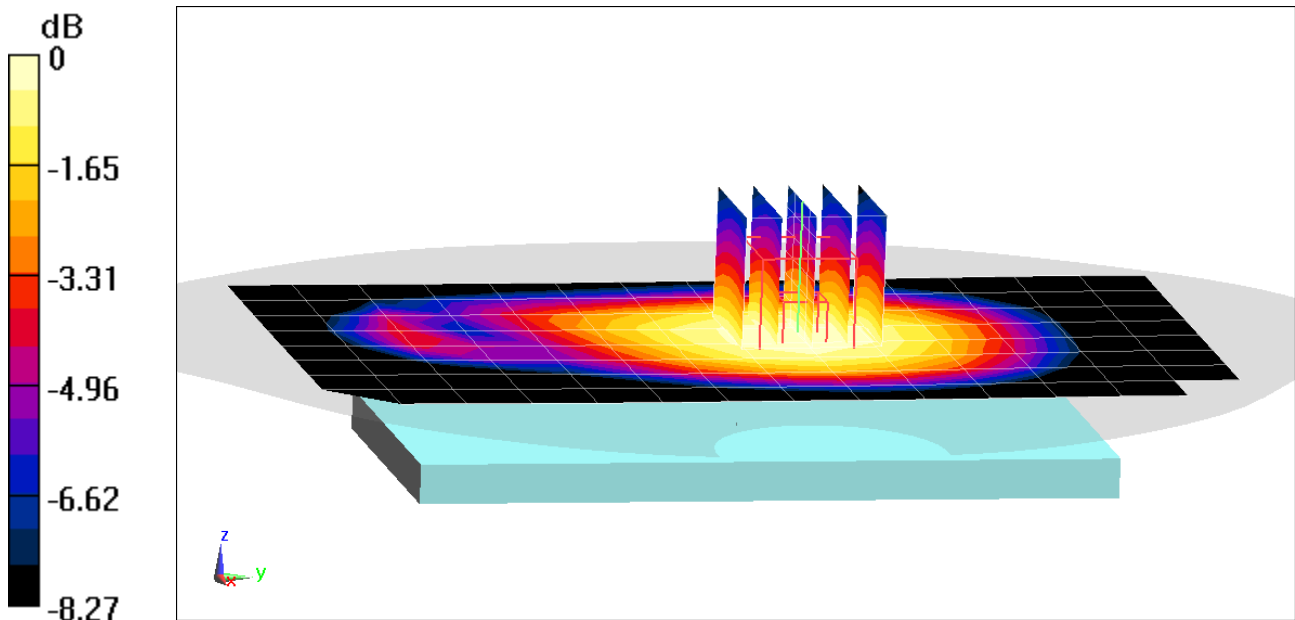
Area Scan (9x15x1): Measurement grid: dx=15mm, dy=15mm

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 14.25 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 0.260 W/kg

SAR(1 g) = 0.191 W



0 dB = 0.235 W/kg = -6.29 dBW/kg

PCTEST

DUT: A3LSMA528B; Type: Portable Handset; Serial: 82425

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; $\sigma = 0.945$ S/m; $\epsilon_r = 53.243$; $\rho = 1000$ kg/m³
Phantom section: Flat Section; Space: 1.0 cm

Test Date: 08/25/2021; Ambient Temp: 23.4°C; Tissue Temp: 22.5°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 Front (20); Type: QD 000 P40 CD; Serial: 1759
Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

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

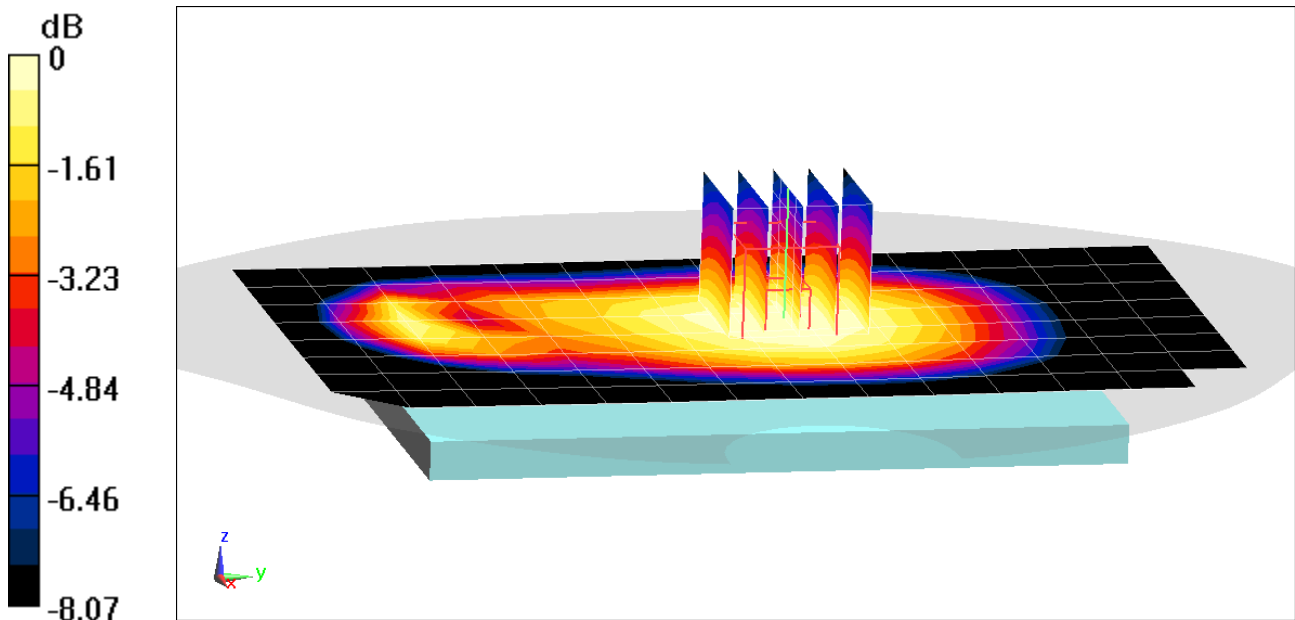
Area Scan (9x15x1): Measurement grid: dx=15mm, dy=15mm

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 17.36 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 0.371 W/kg

SAR(1 g) = 0.277 W/kg



0 dB = 0.337 W/kg = -4.72 dBW/kg

PCTEST

DUT: A3LSMA528B; Type: Portable Handset; Serial: 82599

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; $\sigma = 1.524$ S/m; $\epsilon_r = 52.229$; $\rho = 1000$ kg/m³
Phantom section: Flat Section; Space: 1.5 cm

Test Date: 08/23/2021; Ambient Temp: 22.2°C; Tissue Temp: 21.6°C

Probe: EX3DV4 - SN7410; ConvF(7.7, 7.7, 7.7) @ 1850.2 MHz; Calibrated: 7/20/2021
Sensor-Surface: 1.4mm (Mechanical Surface Detection)
Electronics: DAE4 Sn1583; Calibrated: 7/13/2021
Phantom: Twin-SAM V5.0 (Front); Type: QD 000 P40 CD; Serial: 1792
Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

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

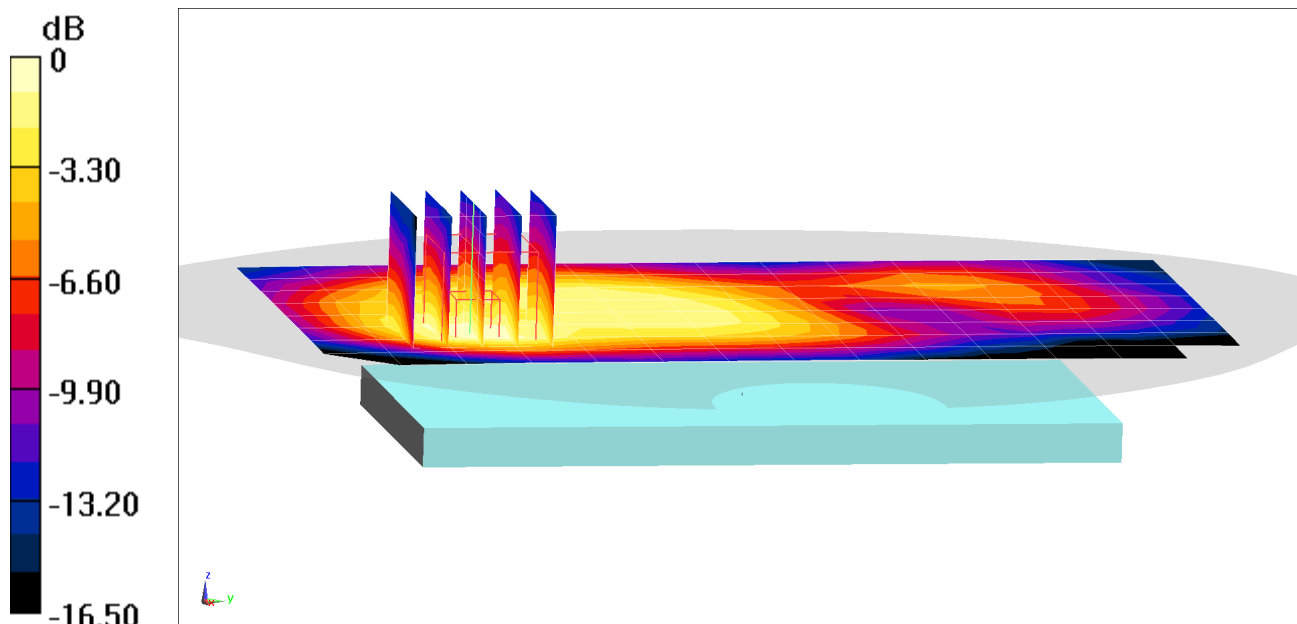
Area Scan (9x15x1): Measurement grid: dx=15mm, dy=15mm

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 7.351 V/m; Power Drift = 0.00 dB

Peak SAR (extrapolated) = 0.124 W/kg

SAR(1 g) = 0.074 W/kg



0 dB = 0.106 W/kg = -9.75 dBW/kg

PCTEST

DUT: A3LSMA528B; Type: Portable Handset; Serial: 82599

Communication System: UID 0, GSM GPRS; 2 Tx slots; Frequency: 1909.8 MHz; Duty Cycle: 1:4.15

Medium: 1900 Body Medium parameters used:

$f = 1910$ MHz; $\sigma = 1.593$ S/m; $\epsilon_r = 52.03$; $\rho = 1000$ kg/m³

Phantom section: Flat Section; Space: 1.0 cm

Test Date: 08/23/2021; Ambient Temp: 22.2°C; Tissue Temp: 21.6°C

Probe: EX3DV4 - SN7410; ConvF(7.7, 7.7, 7.7) @ 1909.8 MHz; Calibrated: 7/20/2021

Sensor-Surface: 1.4mm (Mechanical Surface Detection)

Electronics: DAE4 Sn1583; Calibrated: 7/13/2021

Phantom: Twin-SAM V5.0 (Front); Type: QD 000 P40 CD; Serial: 1792

Measurement SW: DASYS2, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

Mode: GPRS 1900, Body SAR, Bottom Edge, High.ch, 2 Tx Slots

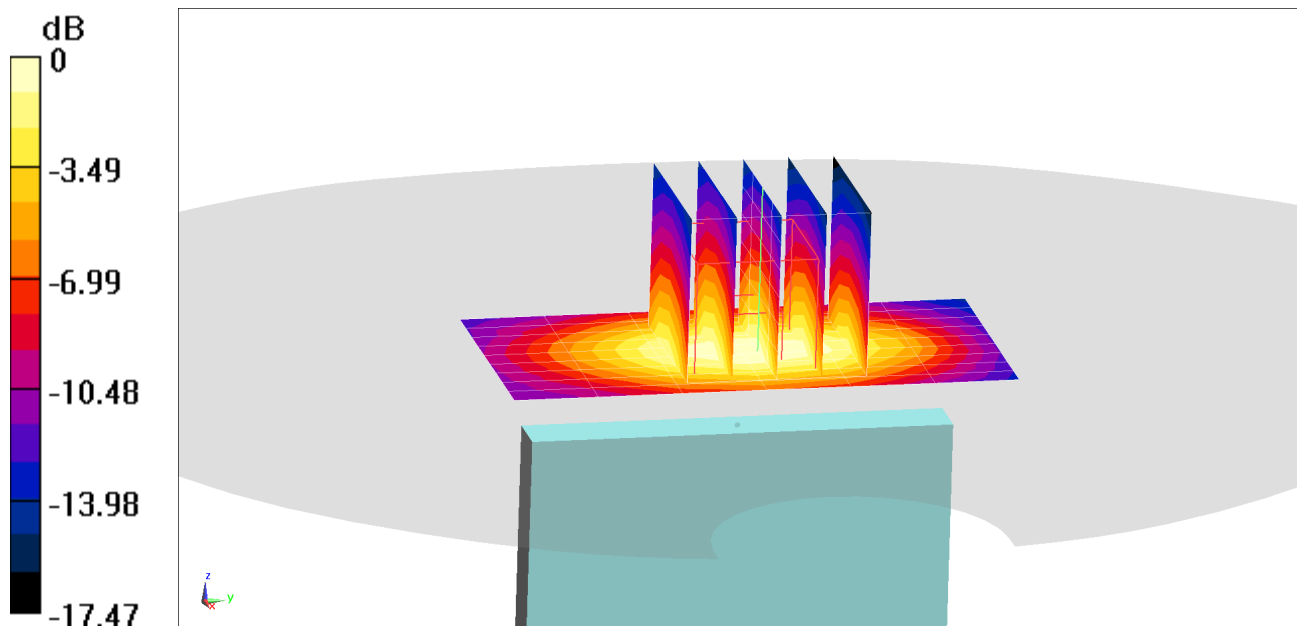
Area Scan (10x7x1): Measurement grid: dx=5mm, dy=15mm

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 13.45 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 0.462 W/kg

SAR(1 g) = 0.264 W/kg



PCTEST

DUT: A3LSMA528B; Type: Portable Handset; Serial: 82425

Communication System: UID 0, UMTS; Frequency: 826.4 MHz; Duty Cycle: 1:1
Medium: 835 Body Medium parameters used (interpolated):
 $f = 826.4 \text{ MHz}$; $\sigma = 0.934 \text{ S/m}$; $\epsilon_r = 53.331$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Flat Section; Space: 1.5 cm

Test Date: 08/25/2021; Ambient Temp: 23.4°C; Tissue Temp: 22.5°C

Probe: EX3DV4 - SN7409; ConvF(9.66, 9.66, 9.66) @ 826.4 MHz; Calibrated: 6/21/2021
Sensor-Surface: 1.4mm (Mechanical Surface Detection)
Electronics: DAE4 Sn1334; Calibrated: 6/15/2021
Phantom: Twin-SAM V5.0 Front (20); Type: QD 000 P40 CD; Serial: 1759
Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

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

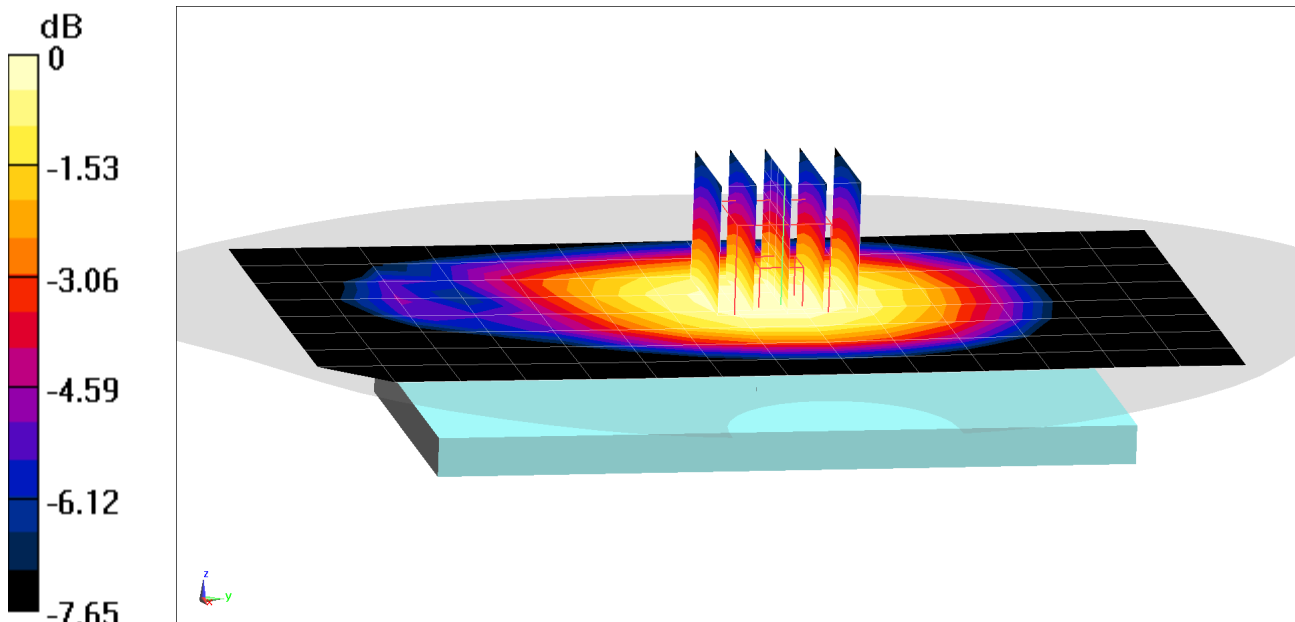
Area Scan (9x15x1): Measurement grid: dx=15mm, dy=15mm

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 17.46 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.373 W/kg

SAR(1 g) = 0.279 W/kg



0 dB = 0.338 W/kg = -4.71 dBW/kg

PCTEST

DUT: A3LSMA528B; Type: Portable Handset; Serial: 82425

Communication System: UID 0, UMTS; Frequency: 826.4 MHz; Duty Cycle: 1:1
Medium: 835 Body Medium parameters used (interpolated):
 $f = 826.4 \text{ MHz}$; $\sigma = 0.934 \text{ S/m}$; $\epsilon_r = 53.331$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Flat Section; Space: 1.0 cm

Test Date: 08/25/2021; Ambient Temp: 23.4°C; Tissue Temp: 22.5°C

Probe: EX3DV4 - SN7409; ConvF(9.66, 9.66, 9.66) @ 826.4 MHz; Calibrated: 6/21/2021
Sensor-Surface: 1.4mm (Mechanical Surface Detection)
Electronics: DAE4 Sn1334; Calibrated: 6/15/2021
Phantom: Twin-SAM V5.0 Front (20); Type: QD 000 P40 CD; Serial: 1759
Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

Mode: UMTS 850, Body SAR, Right Edge, Low.ch

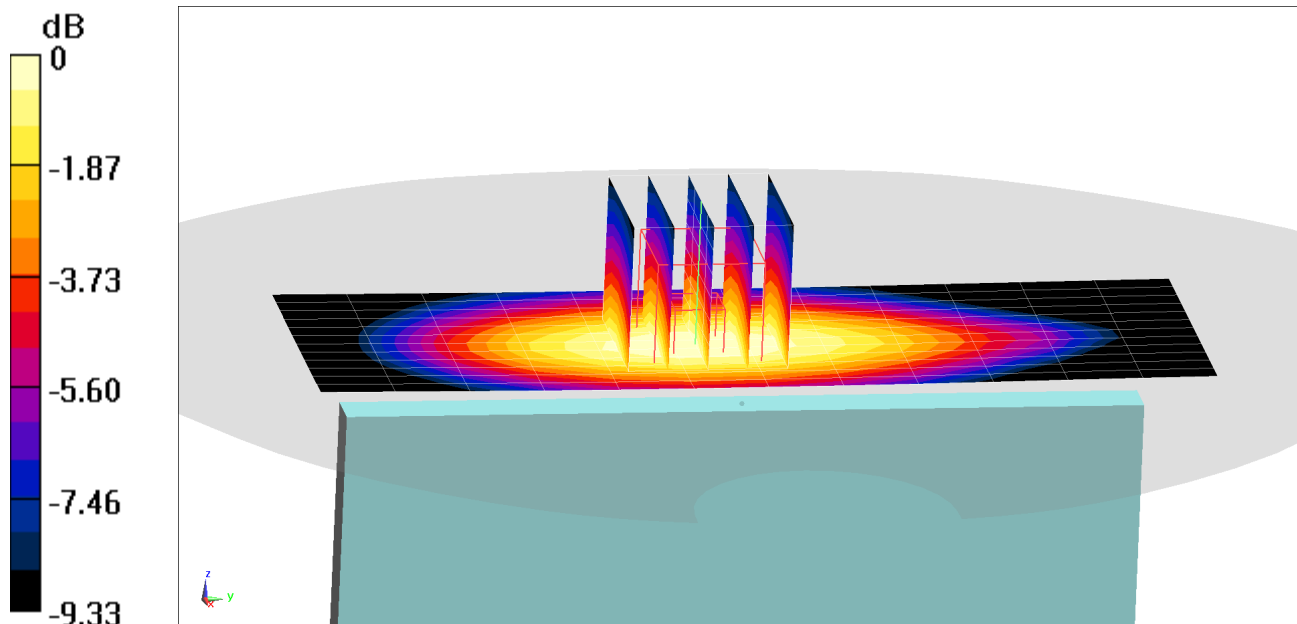
Area Scan (13x13x1): Measurement grid: dx=5mm, dy=15mm

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 19.36 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 0.493 W/kg

SAR(1 g) = 0.334 W/kg



0 dB = 0.436 W/kg = -3.61 dBW/kg

PCTEST

DUT: A3LSMA528B; Type: Portable Handset; Serial: 82763

Communication System: UID:10011 - CAB, WCDMA; MAIA: Y; Frequency: 1712.4 MHz

Medium: 1750 Body; Medium parameters used:

$f = 1712.4$ MHz; $\text{cond} = 1.47$ S/m; $\text{perm} = 51.6$; $\text{density} = 1000$ kg/m³

Phantom Section: Flat Section; Space: 1.5 cm

Test Date: 08/25/2021; Ambient Temp: 23.5°C; Tissue Temp: 22.7°C

Probe: EX3DV4 - SN7571; ConvF:(8.09,8.09,8.09); Calibrated: 2020-12-11

Sensor-Surface: 1.4mm (VMS + 6p)

Electronics: DAE4 Sn1533; Calibrated: 2020-12-07

Phantom: Twin-SAM V5.0; Serial: 1648

Measurement SW: cDASY6 Module SAR V16.0.0.116

Mode: UMTS 1750, Body SAR. Back side, Low. Ch

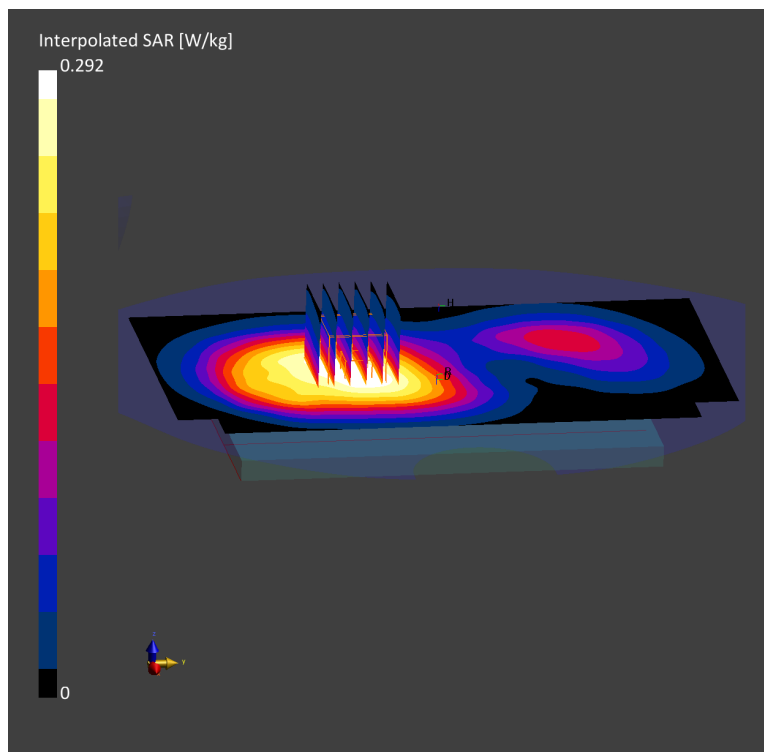
Area Scan (120.0 x 210.0): Measurement grid: $dx=15.0$ mm, $dy=15.0$ mm

Zoom Scan (30.0 x 30.0 x 30.0): Measurement grid: $dx=6.0$ mm, $dy=6.0$ mm, $dz=1.5$ mm; Graded Ratio: 1.5

Reference Value = 0.18 W/kg; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 0.292 W/kg

SAR(1 g) = 0.186 W/kg



PCTEST

DUT: A3LSMA528B; Type: Portable Handset; Serial: 82763

Communication System: UID:10011 - CAB, WCDMA; MAIA: Y; Frequency: 1712.4 MHz

Medium: 1750 Body; Medium parameters used:

f = 1712.4 MHz; cond = 1.47 S/m; perm = 51.6; density = 1000 kg/m³

Phantom Section: Flat Section; Space: 1.0 cm

Test Date: 08/25/2021; Ambient Temp: 23.5°C; Tissue Temp: 22.7°C

Probe: EX3DV4 - SN7571; ConvF:(8.09,8.09,8.09); Calibrated: 2020-12-11

Sensor-Surface: 1.4mm (VMS + 6p)

Electronics: DAE4 Sn1533; Calibrated: 2020-12-07

Phantom: Twin-SAM V5.0; Serial: 1648

Measurement SW: cDASY6 Module SAR V16.0.0.116

Mode: UMTS 1750, Body SAR. Bottom edge, Low. Ch

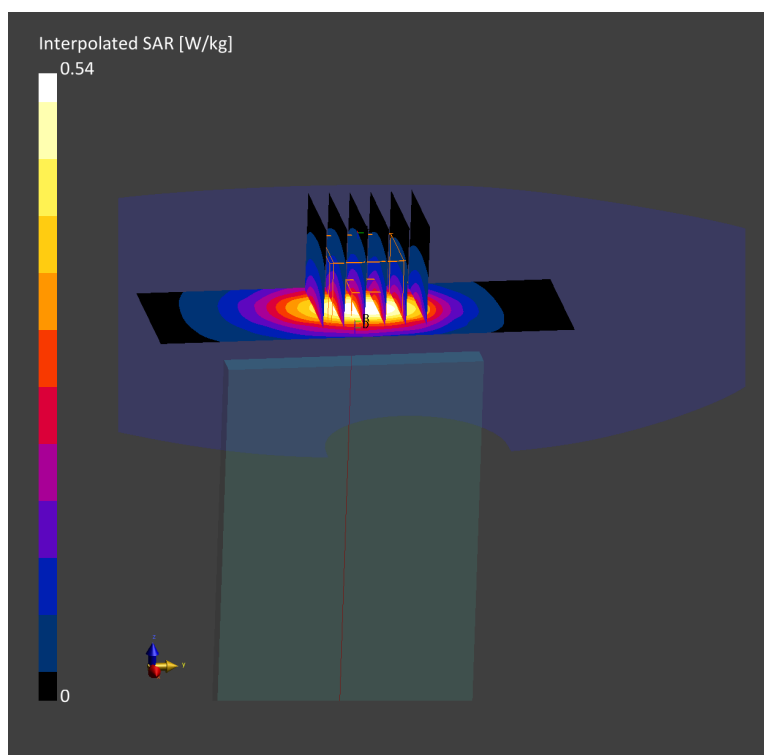
Area Scan (40.0 x 120.0): Measurement grid: dx=5.0 mm, dy=15.0 mm

Zoom Scan (30.0 x 30.0 x 30.0): Measurement grid: dx=6.0 mm, dy=6.0 mm, dz=1.5 mm; Graded Ratio: 1.5

Reference Value = 0.31 W/kg; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 0.54 W/kg

SAR(1 g) = 0.310 W/kg



PCTEST

DUT: A3LSMA528B; Type: Portable Handset; Serial: 82599

Communication System: UID 0, UMTS; Frequency: 1852.4 MHz; Duty Cycle: 1:1
Medium: 1900 Body Medium parameters used (interpolated):
 $f = 1852.4$ MHz; $\sigma = 1.527$ S/m; $\epsilon_r = 52.22$; $\rho = 1000$ kg/m³
Phantom section: Flat Section; Space: 1.5 cm

Test Date: 08/23/2021; Ambient Temp: 22.2°C; Tissue Temp: 21.6°C

Probe: EX3DV4 - SN7410; ConvF(7.7, 7.7, 7.7) @ 1852.4 MHz; Calibrated: 7/20/2021
Sensor-Surface: 1.4mm (Mechanical Surface Detection)
Electronics: DAE4 Sn1583; Calibrated: 7/13/2021
Phantom: Twin-SAM V5.0 (Front); Type: QD 000 P40 CD; Serial: 1792
Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

Mode: UMTS 1900, Body SAR, Back side, Low.ch

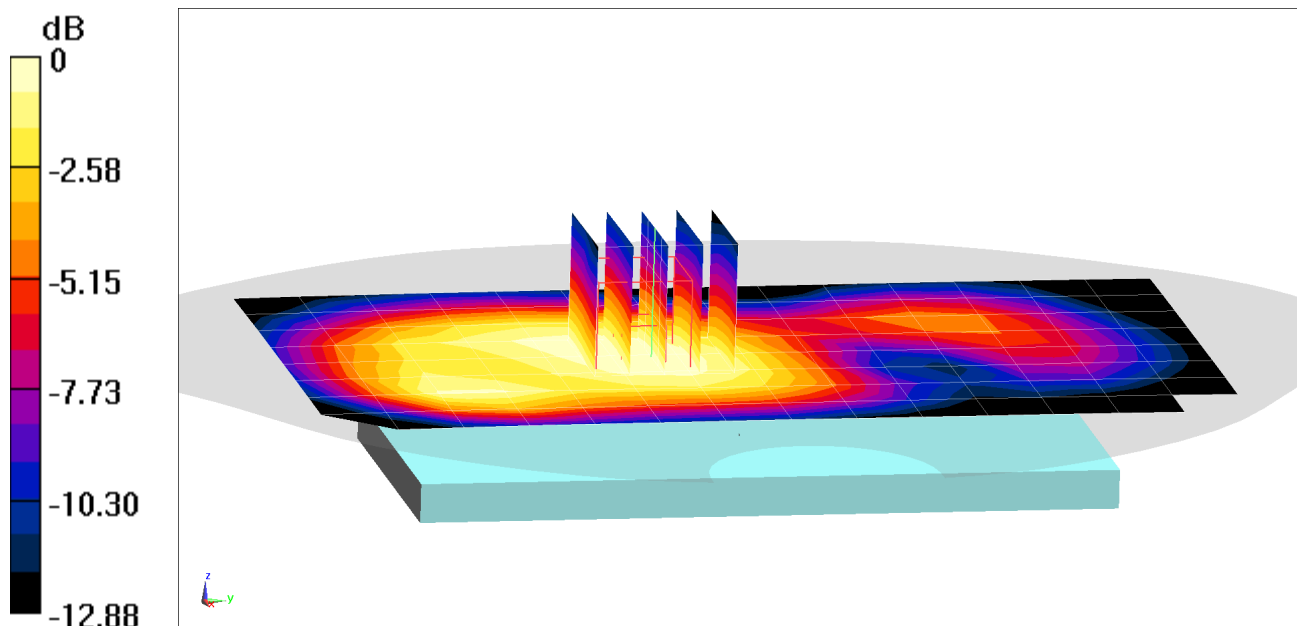
Area Scan (9x15x1): Measurement grid: dx=15mm, dy=15mm

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 10.23 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 0.236 W/kg

SAR(1 g) = 0.151 W/kg



0 dB = 0.204 W/kg = -6.90 dBW/kg

PCTEST

DUT: A3LSMA528B; Type: Portable Handset; Serial: 82599

Communication System: UID 0, UMTS; Frequency: 1907.6 MHz; Duty Cycle: 1:1
Medium: 1900 Body Medium parameters used (interpolated):
 $f = 1907.6$ MHz; $\sigma = 1.59$ S/m; $\epsilon_r = 52.036$; $\rho = 1000$ kg/m³
Phantom section: Flat Section; Space: 1.0 cm

Test Date: 08/23/2021; Ambient Temp: 22.2°C; Tissue Temp: 21.6°C

Probe: EX3DV4 - SN7410; ConvF(7.7, 7.7, 7.7) @ 1907.6 MHz; Calibrated: 7/20/2021
Sensor-Surface: 1.4mm (Mechanical Surface Detection)
Electronics: DAE4 Sn1583; Calibrated: 7/13/2021
Phantom: Twin-SAM V5.0 (Front); Type: QD 000 P40 CD; Serial: 1792
Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

Mode: UMTS 1900, Body SAR, Bottom Edge, High.ch

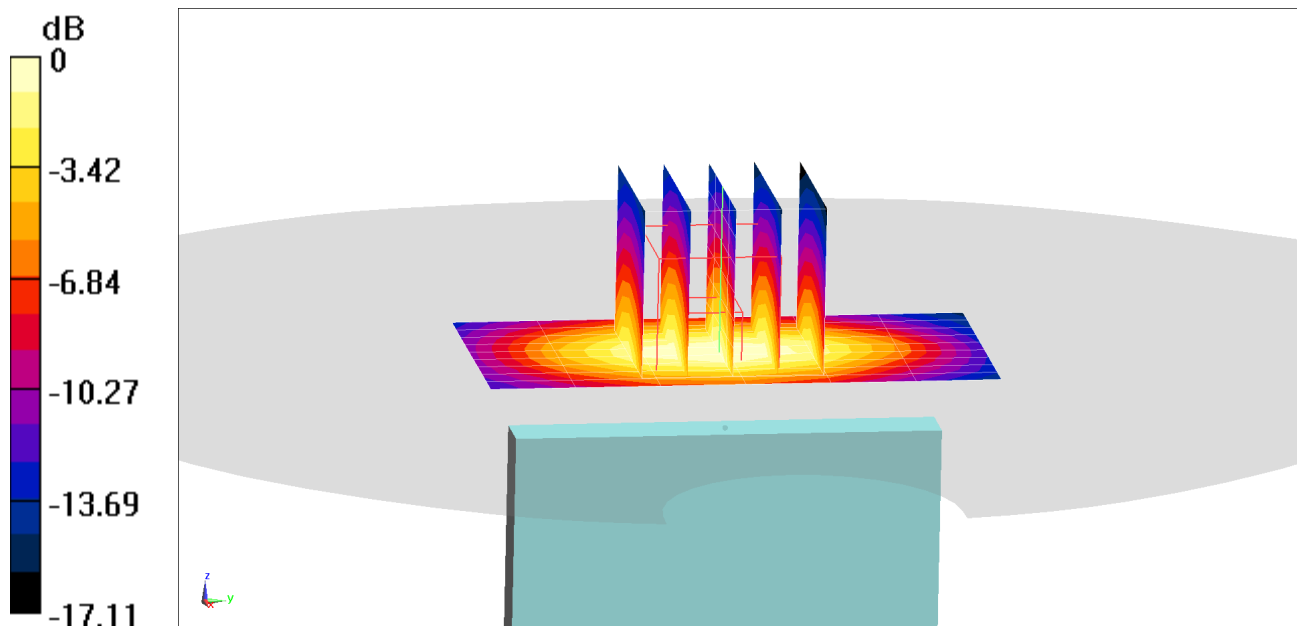
Area Scan (10x7x1): Measurement grid: dx=5mm, dy=15mm

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 17.34 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 0.752 W/kg

SAR(1 g) = 0.433 W/kg



PCTEST

DUT: A3LSMA528B; Type: Portable Handset; Serial: 82763

Communication System: UID:10175 - CAG, LTE-FDD; MAIA: Y; Frequency: 707.5 MHz

Medium: 750 Body; Medium parameters used:

f = 707.5 MHz; cond = 0.955 S/m; perm = 53.8; density = 1000 kg/m³

Phantom Section: Flat Section; Space: 1.5 cm

Test Date: 08/23/2021; Ambient Temp: 20.5°C; Tissue Temp: 21.8°C

Probe: EX3DV4 - SN7571; ConvF:(10.24,10.24,10.24); Calibrated: 2020-12-11

Sensor-Surface: 1.4mm (VMS + 6p)

Electronics: DAE4 Sn1533; Calibrated: 2020-12-07

Phantom: Twin-SAM V5.0; Serial: 1648

Measurement SW: cDASY6 Module SAR V16.0.0.116

**Mode: LTE Band 12, Body SAR, Back side, Mid.ch,
10 MHz Bandwidth, QPSK, 1 RB, 49 RB Offset**

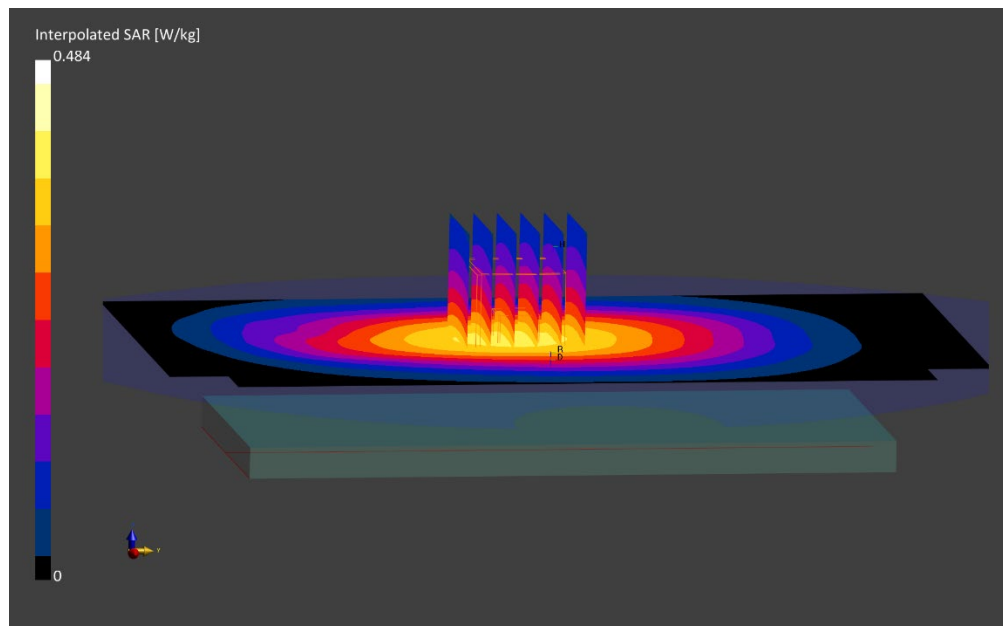
Area Scan (120.0 x 210.0): Measurement grid: dx=15.0 mm, dy=15.0 mm

Zoom Scan (30.0 x 30.0 x 30.0): Measurement grid: dx=6.0 mm, dy=6.0 mm, dz=1.5 mm; Graded Ratio: 1.5

Reference Value = 0.35 W/kg; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.484 W/kg

SAR(1 g) = 0.353 W/kg



PCTEST

DUT: A3LSMA528B; Type: Portable Handset; Serial: 82763

Communication System: UID:10175 - CAG, LTE-FDD; MAIA: Y; Frequency: 707.5 MHz

Medium: 750 Body; Medium parameters used:

f = 707.5 MHz; cond = 0.955 S/m; perm = 53.8; density = 1000 kg/m³

Phantom Section: Flat Section; Space: 1.0 cm

Test Date: 08/23/2021; Ambient Temp: 20.5°C; Tissue Temp: 21.8°C

Probe: EX3DV4 - SN7571; ConvF:(10.24,10.24,10.24); Calibrated: 2020-12-11

Sensor-Surface: 1.4mm (VMS + 6p)

Electronics: DAE4 Sn1533; Calibrated: 2020-12-07

Phantom: Twin-SAM V5.0; Serial: 1648

Measurement SW: cDASY6 Module SAR V16.0.0.116

**Mode: LTE Band 12, Body SAR, Back side, Mid.ch,
10 MHz Bandwidth, QPSK, 1 RB, 49 RB Offset**

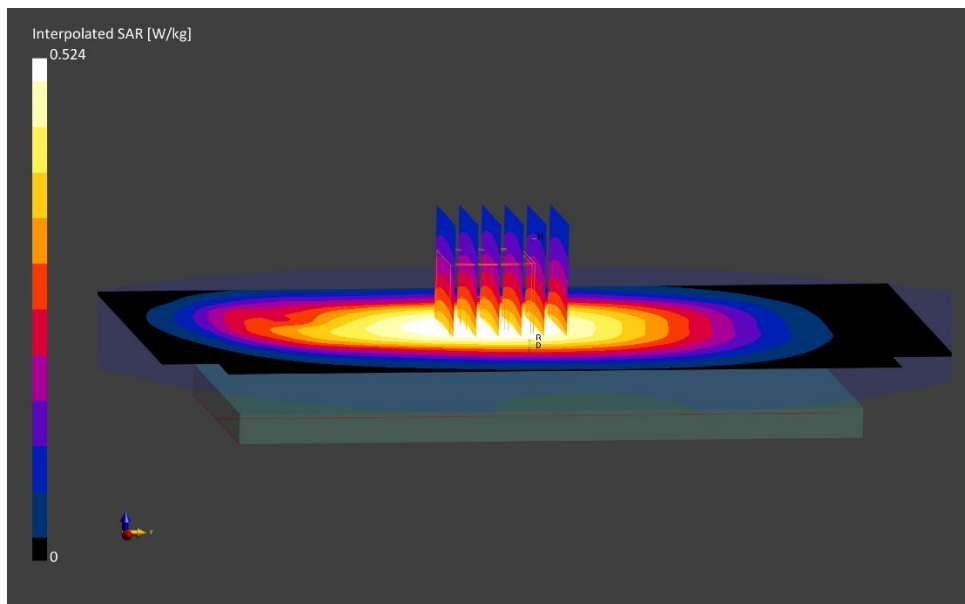
Area Scan (120.0 x 210.0): Measurement grid: dx=15.0 mm, dy=15.0 mm

Zoom Scan (30.0 x 30.0 x 30.0): Measurement grid: dx=6.0 mm, dy=6.0 mm, dz=1.5 mm; Graded Ratio: 1.5

Reference Value = 0.38 W/kg; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.524 W/kg

SAR(1 g) = 0.385 W/kg



PCTEST

DUT: A3LSMA528B; Type: Portable Handset; Serial: 83274

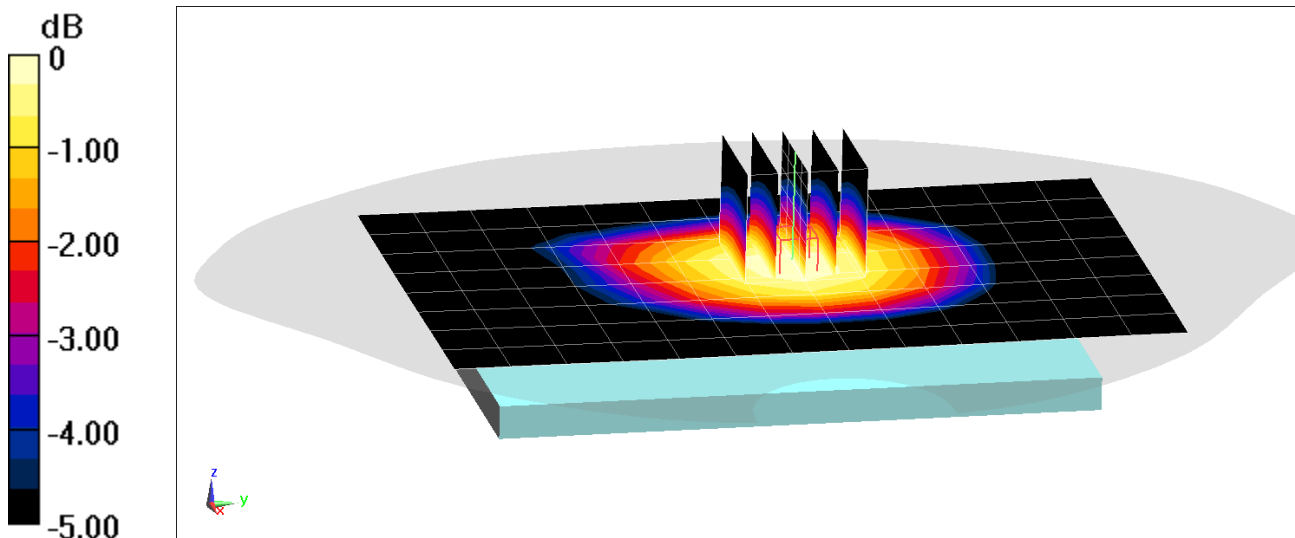
Communication System: UID 0, LTE Band 26; Frequency: 831.5 MHz; Duty Cycle: 1:1
Medium: 835 Body; Medium parameters used (interpolated):
 $f = 831.5$ MHz; $\sigma = 0.939$ S/m; $\epsilon_r = 53.288$; $\rho = 1000$ kg/m³
Phantom section: Flat Section; Space: 1.5 cm

Test Date: 08/25/2021; Ambient Temp: 23.4°C; Tissue Temp: 22.5°C

Probe: EX3DV4 - SN7409; ConvF(9.66, 9.66, 9.66) @ 831.5 MHz; Calibrated: 6/21/2021
Sensor-Surface: 1.4mm (Mechanical Surface Detection)
Electronics: DAE4 Sn1334; Calibrated: 6/15/2021
Phantom: Twin-SAM V5.0 Front (20); Type: QD 000 P40 CD; Serial: 1759
Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

Mode: LTE Band 26 (Cell.), Body SAR, Back side, Mid.ch
15 MHz Bandwidth, QPSK, 1 RB, 0 RB Offset

Area Scan (9x14x1): Measurement grid: dx=15mm, dy=15mm
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 16.64 V/m; Power Drift = -0.05 dB
Peak SAR (extrapolated) = 0.340 W/kg
SAR(1 g) = 0.253 W/kg



0 dB = 0.309 W/kg = -5.10 dBW/kg

PCTEST

DUT: A3LSMA528B; Type: Portable Handset; Serial: 83274

Communication System: UID 0, LTE Band 26; Frequency: 831.5 MHz; Duty Cycle: 1:1
Medium: 835 Body; Medium parameters used (interpolated):
 $f = 831.5$ MHz; $\sigma = 0.939$ S/m; $\epsilon_r = 53.288$; $\rho = 1000$ kg/m³
Phantom section: Flat Section; Space: 1.0 cm

Test Date: 08/25/2021; Ambient Temp: 23.4°C; Tissue Temp: 22.5°C

Probe: EX3DV4 - SN7409; ConvF(9.66, 9.66, 9.66) @ 831.5 MHz; Calibrated: 6/21/2021
Sensor-Surface: 1.4mm (Mechanical Surface Detection)
Electronics: DAE4 Sn1334; Calibrated: 6/15/2021
Phantom: Twin-SAM V5.0 Front (20); Type: QD 000 P40 CD; Serial: 1759
Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

Mode: LTE Band 26 (Cell.), Body SAR, Back side, Mid.ch
15 MHz Bandwidth, QPSK, 1 RB, 0 RB Offset

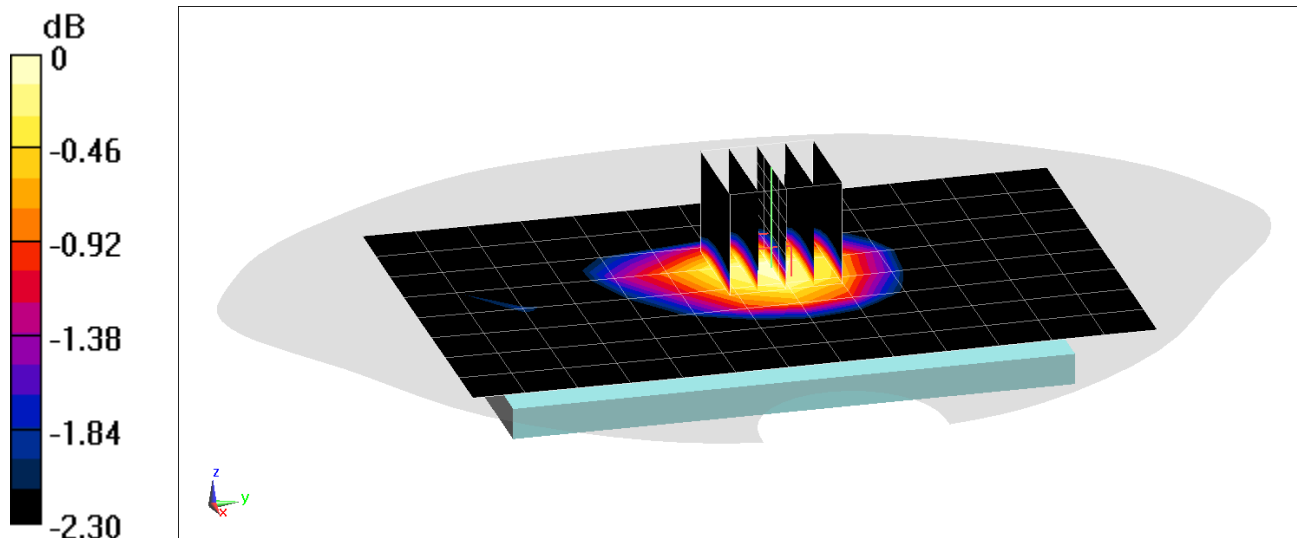
Area Scan (9x14x1): Measurement grid: dx=15mm, dy=15mm

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 17.69 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.385 W/kg

SAR(1 g) = 0.288 W/kg



0 dB = 0.350 W/kg = -4.56 dBW/kg

PCTEST

DUT: A3LSMA528B; Type: Portable Handset; Serial: 82763

Communication System: UID:10169 - CAE, LTE-FDD; MAIA: Y; Frequency: 1720.0 MHz

Medium: 1750 Body; Medium parameters used:

f = 1720.0 MHz; cond = 1.47 S/m; perm = 51.6; density = 1000 kg/m³

Phantom Section: Flat Section; Space: 1.5 cm

Test Date: 08/25/2021; Ambient Temp: 23.5°C; Tissue Temp: 22.7°C

Probe: EX3DV4 - SN7571; ConvF:(8.09,8.09,8.09); Calibrated: 2020-12-11

Sensor-Surface: 1.4mm (VMS + 6p)

Electronics: DAE4 Sn1533; Calibrated: 2020-12-07

Phantom: Twin-SAM V5.0; Serial: 1648

Measurement SW: cDASY6 Module SAR V16.0.0.116

Mode: LTE Band 66 (AWS), Body SAR, Back side, Low.ch
20 MHz Bandwidth, QPSK, 1 RB, 50 RB Offset

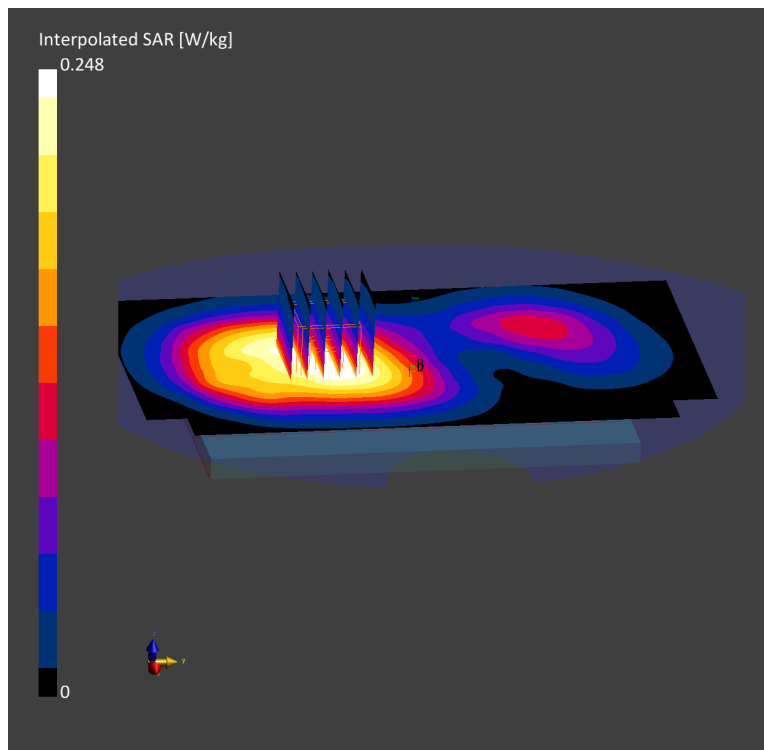
Area Scan (120.0 x 210.0): Measurement grid: dx=15.0 mm, dy=15.0 mm

Zoom Scan (30.0 x 30.0 x 30.0): Measurement grid: dx=6.0 mm, dy=6.0 mm, dz=1.5 mm; Graded Ratio: 1.5

Reference Value = 0.16 W/kg; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 0.248 W/kg

SAR(1 g) = 0.161 W/kg



PCTEST

DUT: A3LSMA528B; Type: Portable Handset; Serial: 82763

Communication System: UID:10297 - AAD, LTE-FDD; MAIA: Y; Frequency: 1720.0 MHz

Medium: 1750 Body; Medium parameters used:

f = 1720.0 MHz; cond = 1.47 S/m; perm = 51.6; density = 1000 kg/m³

Phantom Section: Flat Section; Space: 1.0 cm

Test Date: 08/25/2021; Ambient Temp: 23.5°C; Tissue Temp: 22.7°C

Probe: EX3DV4 - SN7571; ConvF:(8.09,8.09,8.09); Calibrated: 2020-12-11

Sensor-Surface: 1.4mm (VMS + 6p)

Electronics: DAE4 Sn1533; Calibrated: 2020-12-07

Phantom: Twin-SAM V5.0; Serial: 1648

Measurement SW: cDASY6 Module SAR V16.0.0.116

**Mode: LTE Band 66 (AWS), Body SAR, Bottom Edge, Low.ch
20 MHz Bandwidth, QPSK, 50 RB, 25 RB Offset**

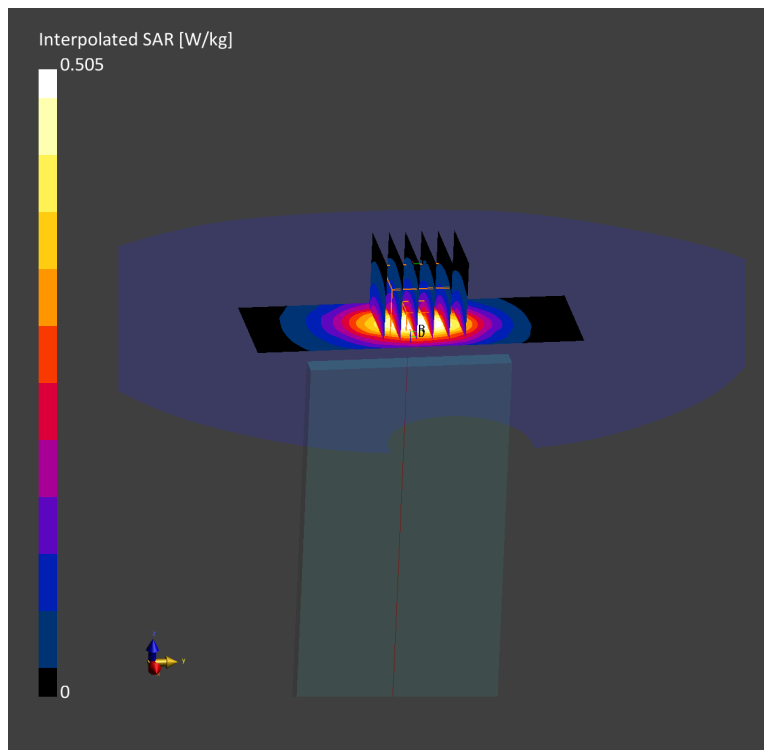
Area Scan (40.0 x 120.0): Measurement grid: dx=5.0 mm, dy=15.0 mm

Zoom Scan (30.0 x 30.0 x 30.0): Measurement grid: dx=6.0 mm, dy=6.0 mm, dz=1.5 mm; Graded Ratio: 1.5

Reference Value = 0.30 W/kg; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 0.505 W/kg

SAR(1 g) = 0.294 W/kg



PCTEST

DUT: A3LSMA528B; Type: Portable Handset; Serial: 83480

Communication System: UID 0, LTE Band 2 (PCS); Frequency: 1860 MHz; Duty Cycle: 1:1

Medium: 1900 Body; Medium parameters used:

$f = 1860 \text{ MHz}$; $\sigma = 1.535 \text{ S/m}$; $\epsilon_r = 52.19$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section; Space: 1.5 cm

Test Date: 08/23/2021; Ambient Temp: 22.2°C; Tissue Temp: 21.6°C

Probe: EX3DV4 - SN7410; ConvF(7.7, 7.7, 7.7) @ 1860 MHz; Calibrated: 7/20/2021

Sensor-Surface: 1.4mm (Mechanical Surface Detection)

Electronics: DAE4 Sn1583; Calibrated: 7/13/2021

Phantom: Twin-SAM V5.0 (Front); Type: QD 000 P40 CD; Serial: 1792

Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

Mode: LTE Band 2 (PCS), Body SAR, Back side, Low.ch
20 MHz Bandwidth, QPSK, 1 RB, 0 RB Offset

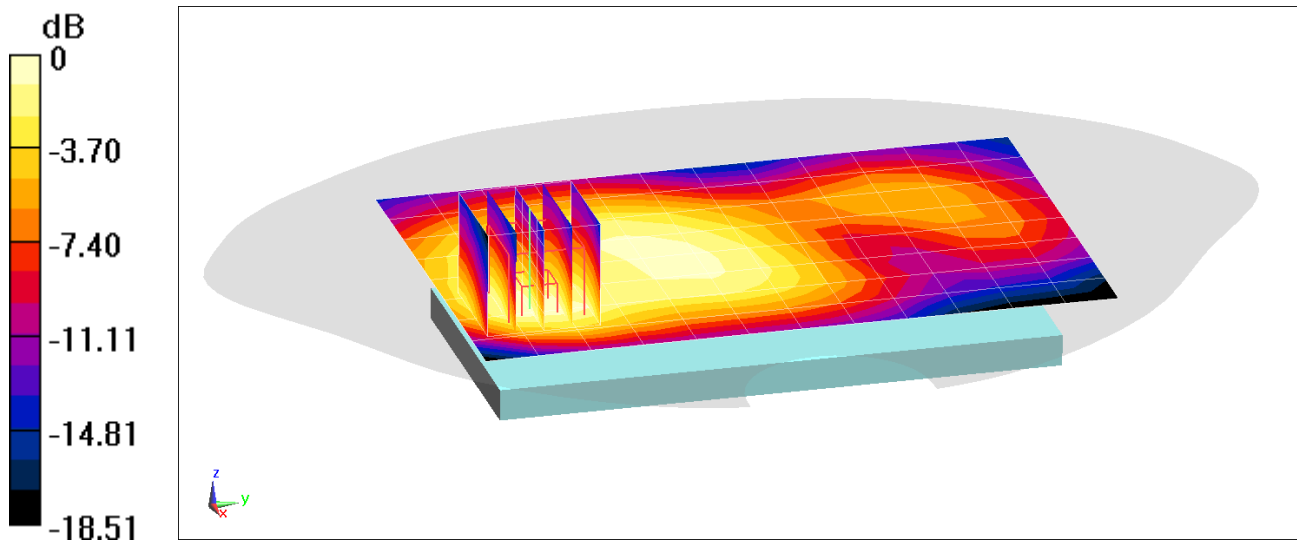
Area Scan (9x13x1): Measurement grid: dx=15mm, dy=15mm

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 10.33 V/m; Power Drift = 0.00 dB

Peak SAR (extrapolated) = 0.250 W/kg

SAR(1 g) = 0.148 W/kg



0 dB = 0.213 W/kg = -6.72 dBW/kg

PCTEST

DUT: A3LSMA528B; Type: Portable Handset; Serial: 83480

Communication System: UID 0, LTE Band 2 (PCS); Frequency: 1860 MHz; Duty Cycle: 1:1

Medium: 1900 Body; Medium parameters used:

$f = 1860$ MHz; $\sigma = 1.535$ S/m; $\epsilon_r = 52.19$; $\rho = 1000$ kg/m³

Phantom section: Flat Section; Space: 1.0 cm

Test Date: 08/23/2021; Ambient Temp: 22.2°C; Tissue Temp: 21.6°C

Probe: EX3DV4 - SN7410; ConvF(7.7, 7.7, 7.7) @ 1860 MHz; Calibrated: 7/20/2021

Sensor-Surface: 1.4mm (Mechanical Surface Detection)

Electronics: DAE4 Sn1583; Calibrated: 7/13/2021

Phantom: Twin-SAM V5.0 (Front); Type: QD 000 P40 CD; Serial: 1792

Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

Mode: LTE Band 2 (PCS), Body SAR, Bottom Edge, Low.ch
20 MHz Bandwidth, QPSK, 50 RB, 25 RB Offset

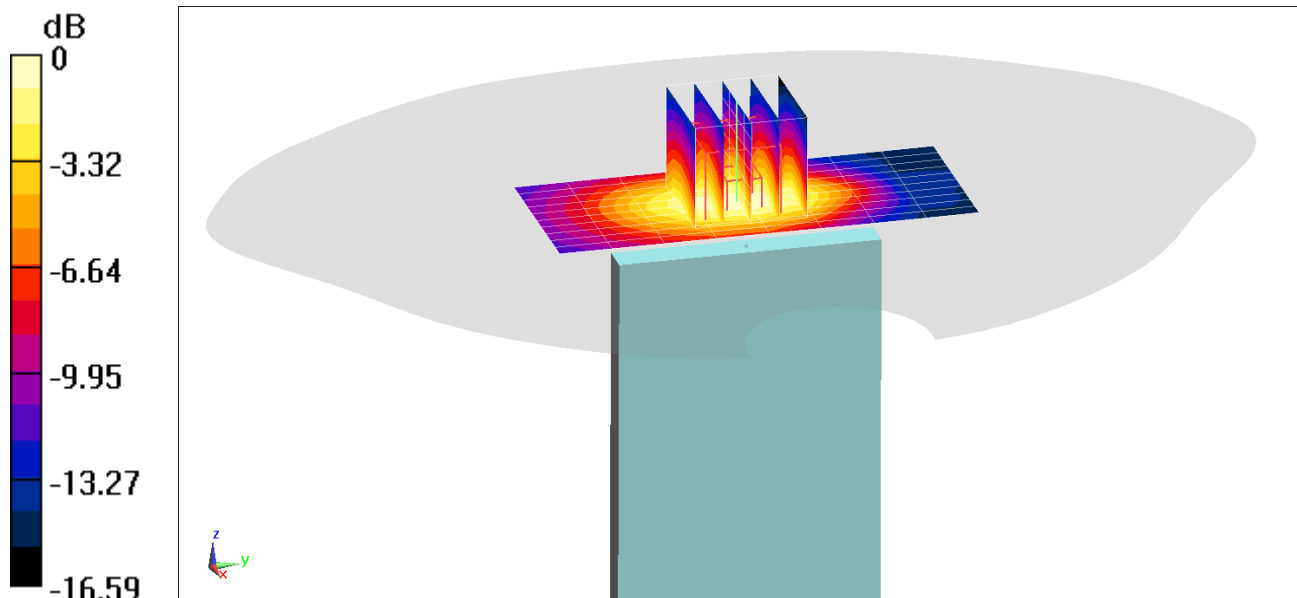
Area Scan (11x9x1): Measurement grid: dx=5mm, dy=15mm

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 14.98 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 0.535 W/kg

SAR(1 g) = 0.313 W/kg



0 dB = 0.455 W/kg = -3.42 dBW/kg

PCTEST

DUT: A3LSMA528B; Type: Portable Handset; Serial: 83324

Communication System: UID:10435 - AAF, LTE-TDD; MAIA: Y; Frequency: 2593.0 MHz

Medium: 2450 Body; Medium parameters used:

f = 2593.0 MHz; cond = 2.18 S/m; perm = 54.1; density = 1000 kg/m³

Phantom Section: Flat Section; Space: 1.5 cm

Test Date: 08/22/2021; Ambient Temp: 22.7°C; Tissue Temp: 23.3°C

Probe: EX3DV4 - SN7539; ConvF:(7.55,7.55,7.55); Calibrated: 2020-10-20

Sensor-Surface: 1.4mm (VMS + 6p)

Electronics: DAE4 Sn1415; Calibrated: 2021-03-10

Phantom: Twin-SAM V8.0; Serial: 1966

Measurement SW: cDASY6 Module SAR V16.0.0.116

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

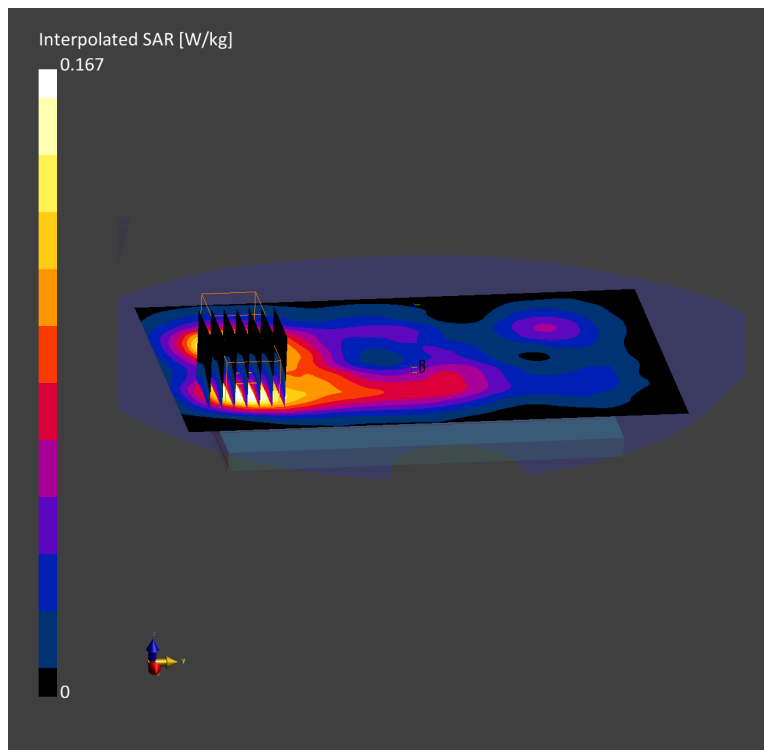
Area Scan (120.0 x 200.0): Measurement grid: dx=10.0 mm, dy=10.0 mm

Zoom Scan (30.0 x 30.0 x 30.0): Measurement grid: dx=5.0 mm, dy=5.0 mm, dz=1.5 mm; Graded Ratio: 1.5

Reference Value = 0.09 W/kg; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 0.167 W/kg

SAR(1 g) = 0.087 W/kg



PCTEST

DUT: A3LSMA528B; Type: Portable Handset; Serial: 83324

Communication System: UID:10435 - AAF, LTE-TDD; MAIA: Y; Frequency: 2593.0 MHz

Medium: 2450 Body; Medium parameters used:

f = 2593.0 MHz; cond = 2.18 S/m; perm = 54.1; density = 1000 kg/m³

Phantom Section: Flat Section; Space: 1.0 cm

Test Date: 08/22/2021; Ambient Temp: 22.7°C; Tissue Temp: 23.3°C

Probe: EX3DV4 - SN7539; ConvF:(7.55,7.55,7.55); Calibrated: 2020-10-20

Sensor-Surface: 1.4mm (VMS + 6p)

Electronics: DAE4 Sn1415; Calibrated: 2021-03-10

Phantom: Twin-SAM V8.0; Serial: 1966

Measurement SW: cDASY6 Module SAR V16.0.0.116

Mode: LTE Band 41, Body SAR, Front Side, Mid.ch
20 MHz Bandwidth, QPSK, 1 RB, 50 RB Offset

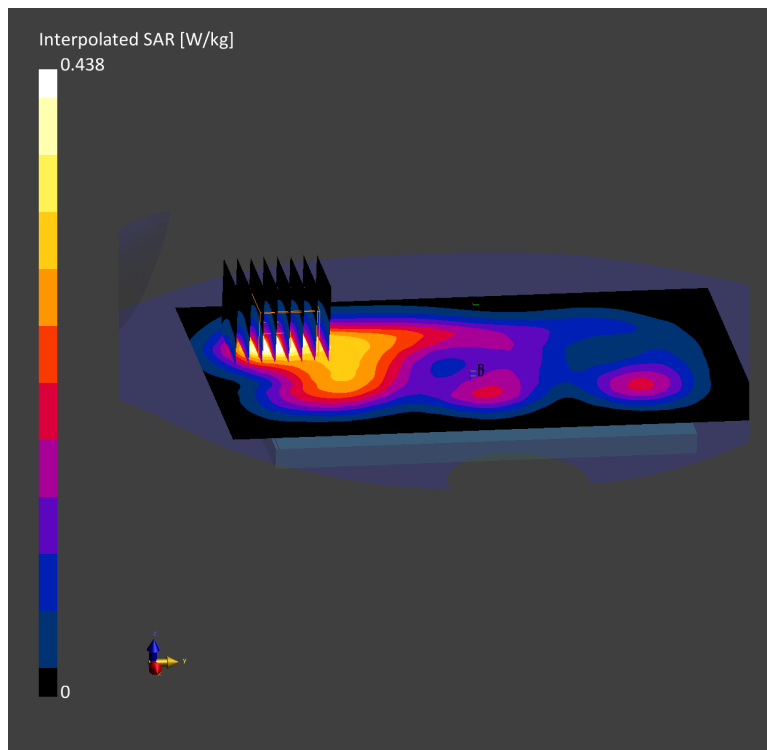
Area Scan (120.0 x 200.0): Measurement grid: dx=10.0 mm, dy=10.0 mm

Zoom Scan (30.0 x 30.0 x 30.0): Measurement grid: dx=5.0 mm, dy=5.0 mm, dz=1.5 mm; Graded Ratio: 1.5

Reference Value = 0.22 W/kg; Power Drift = -0.12 dB

Peak SAR (extrapolated) = 0.438 W/kg

SAR(1 g) = 0.235 W/kg



PCTEST

DUT: A3LSMA528B; Type: Portable Handset; Serial: 82425

Communication System: UID 0, NR Band n5; Frequency: 836.5 MHz; Duty Cycle: 1:1
Medium: 835 Body; Medium parameters used (interpolated):
 $f = 836.5$ MHz; $\sigma = 0.945$ S/m; $\epsilon_r = 53.244$; $\rho = 1000$ kg/m³
Phantom section: Flat Section; Space: 1.5 cm

Test Date: 08/25/2021; Ambient Temp: 23.4°C; Tissue Temp: 22.5°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 Front (20); Type: QD 000 P40 CD; Serial: 1759
Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

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

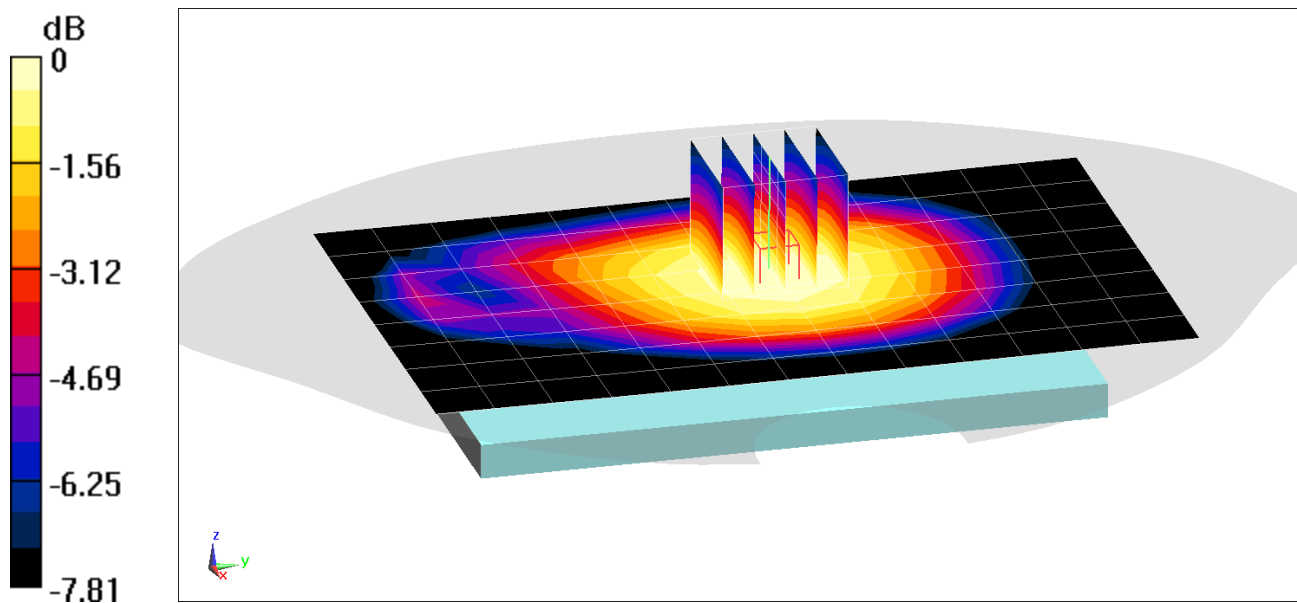
Area Scan (9x14x1): Measurement grid: dx=15mm, dy=15mm

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 16.82 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.351 W/kg

SAR(1 g) = 0.261 W/kg



0 dB = 0.319 W/kg = -4.96 dBW/kg

PCTEST

DUT: A3LSMA528B; Type: Portable Handset; Serial: 82425

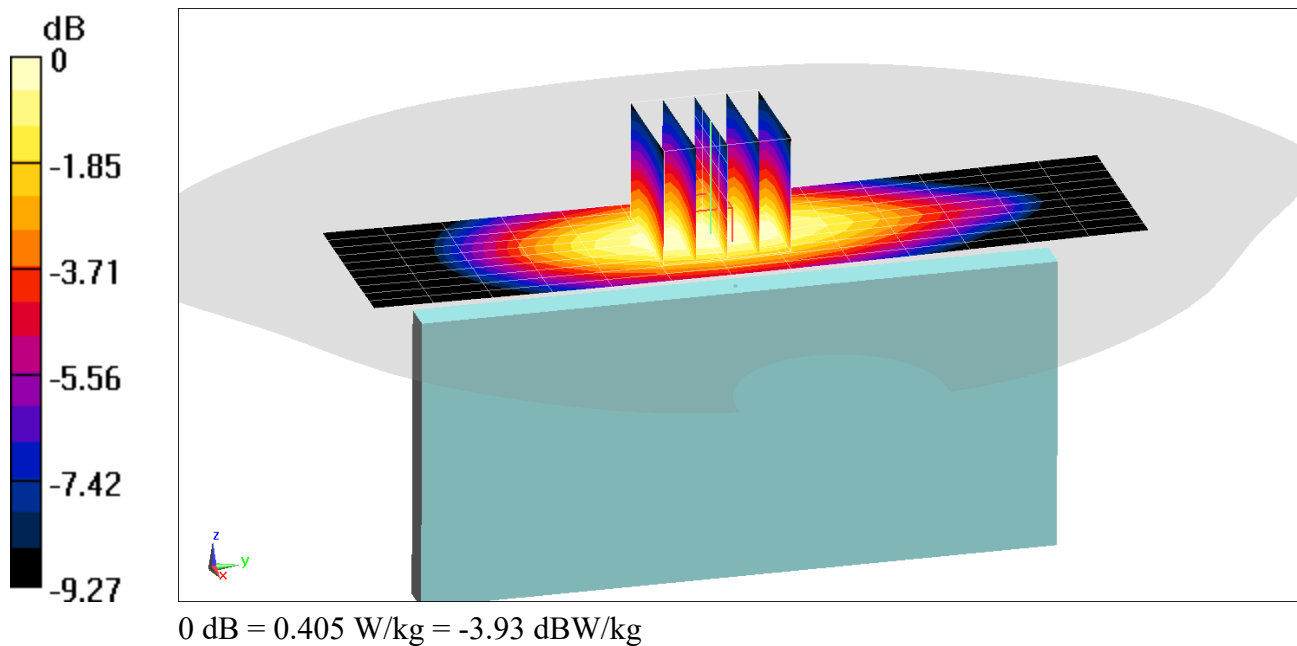
Communication System: UID 0, NR Band n5; Frequency: 836.5 MHz; Duty Cycle: 1:1
Medium: 835 Body; Medium parameters used (interpolated):
 $f = 836.5$ MHz; $\sigma = 0.945$ S/m; $\epsilon_r = 53.244$; $\rho = 1000$ kg/m³
Phantom section: Flat Section; Space: 1.0 cm

Test Date: 08/25/2021; Ambient Temp: 23.4°C; Tissue Temp: 22.5°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 Front (20); Type: QD 000 P40 CD; Serial: 1759
Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

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

Area Scan (11x14x1): Measurement grid: dx=5mm, dy=15mm
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 18.56 V/m; Power Drift = -0.03 dB
Peak SAR (extrapolated) = 0.458 W/kg
SAR(1 g) = 0.310 W/kg



PCTEST

DUT: A3LSMA528B; Type: Portable Handset; Serial: 82763

Communication System: UID:10931 - AAB, 5G NR FR1 FDD; MAIA: Y; Frequency: 1720.0 MHz

Medium: 1750 Body; Medium parameters used:

f = 1720.0 MHz; cond = 1.47 S/m; perm = 51.3; density = 1000 kg/m³

Phantom Section: Flat Section; Space: 1.5 cm

Test Date: 08/27/2021; Ambient Temp: 23.7°C; Tissue Temp: 23.0°C

Probe: EX3DV4 - SN7571; ConvF:(8.09,8.09,8.09); Calibrated: 2020-12-11

Sensor-Surface: 1.4mm (VMS + 6p)

Electronics: DAE4 Sn1533; Calibrated: 2020-12-07

Phantom: Twin-SAM V5.0; Serial: 1648

Measurement SW: cDASY6 Module SAR V16.0.0.116

**Mode: NR Band n66, Body SAR, Back Side, 20 MHz Bandwidth, Ch. 344000
DFT-s-OFDM QPSK, 1 RB, 104 RB Offset**

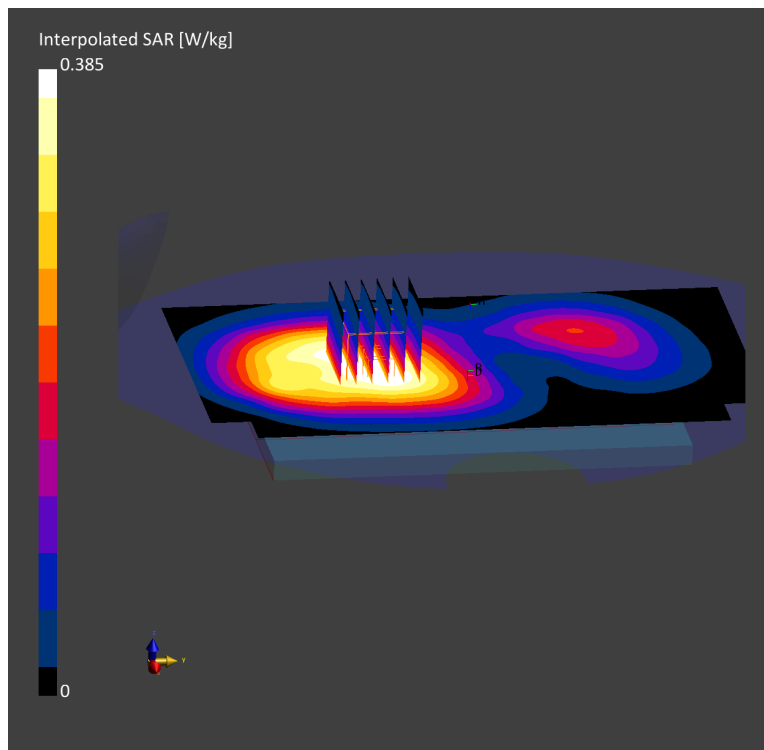
Area Scan (120.0 x 210.0): Measurement grid: dx=15.0 mm, dy=15.0 mm

Zoom Scan (30.0 x 30.0 x 30.0): Measurement grid: dx=6.0 mm, dy=6.0 mm, dz=1.5 mm; Graded Ratio: 1.5

Reference Value = 0.24 W/kg; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 0.385 W/kg

SAR(1 g) = 0.249 W/kg



PCTEST

DUT: A3LSMA528B; Type: Portable Handset; Serial: 82763

Communication System: UID:10931 - AAB, 5G NR FR1 FDD; MAIA: Y; Frequency: 1720.0 MHz

Medium: 1750 Body; Medium parameters used:

f = 1720.0 MHz; cond = 1.47 S/m; perm = 51.3; density = 1000 kg/m³

Phantom Section: Flat Section; Space: 1.0 cm

Test Date: 08/27/2021; Ambient Temp: 23.7°C; Tissue Temp: 23.0°C

Probe: EX3DV4 - SN7571; ConvF:(8.09,8.09,8.09); Calibrated: 2020-12-11

Sensor-Surface: 1.4mm (VMS + 6p)

Electronics: DAE4 Sn1533; Calibrated: 2020-12-07

Phantom: Twin-SAM V5.0; Serial: 1648

Measurement SW: cDASY6 Module SAR V16.0.0.116

**Mode: NR Band n66, Body SAR, Bottom Edge, 20 MHz Bandwidth, Ch. 344000
DFT-s-OFDM QPSK, 1 RB, 53 RB Offset**

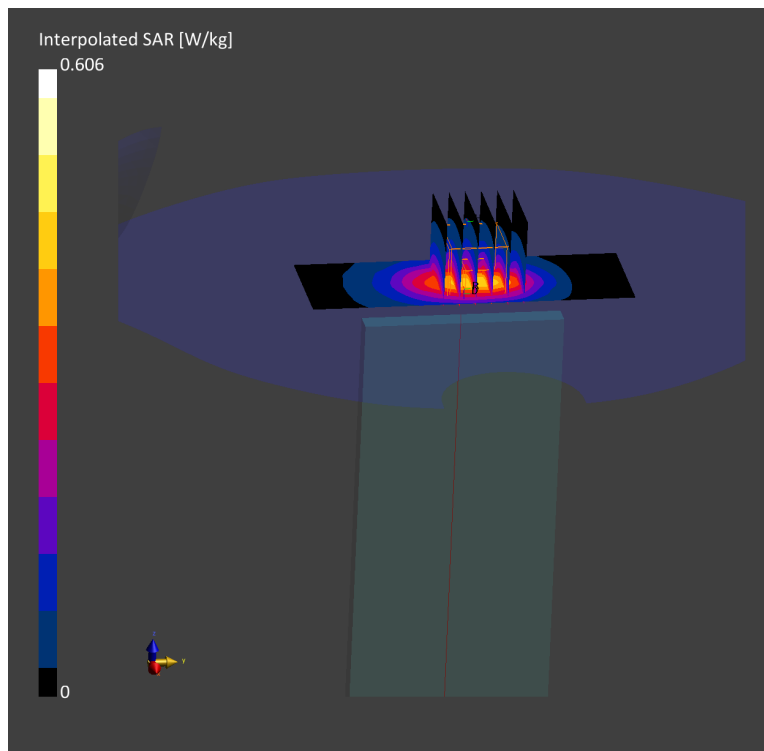
Area Scan (40.0 x 120.0): Measurement grid: dx=5.0 mm, dy=15.0 mm

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 = 0.36 W/kg; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 0.606W/kg

SAR(1 g) = 0.355 W/kg



PCTEST

DUT: A3LSMA528B; Type: Portable Handset; Serial: 83480

Communication System: UID 0, GSM GPRS; 2 Tx slots; Frequency: 1909.8 MHz; Duty Cycle: 1:4.15

Medium: 1900 Body; Medium parameters used:

$f = 1910 \text{ MHz}$; $\sigma = 1.594 \text{ S/m}$; $\epsilon_r = 51.25$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section; Space: 0.0 cm

Test Date: 08/25/2021; Ambient Temp: 21.6°C; Tissue Temp: 21.3°C

Probe: EX3DV4 - SN7410; ConvF(7.7, 7.7, 7.7) @ 1909.8 MHz; Calibrated: 7/20/2021

Sensor-Surface: 1.4mm (Mechanical Surface Detection)

Electronics: DAE4 Sn1583; Calibrated: 7/13/2021

Phantom: Twin-SAM V5.0 (Front); Type: QD 000 P40 CD; Serial: 1792

Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

Mode: GPRS 1900, Phablet SAR, Left Edge, High.ch, 2 Tx Slots

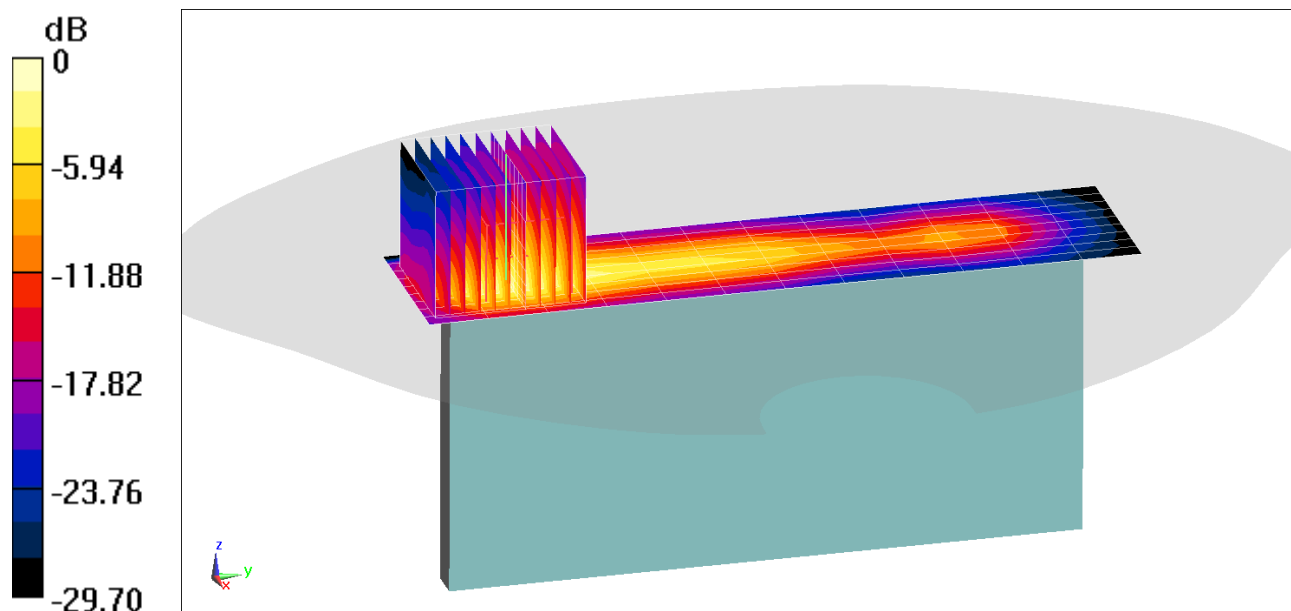
Area Scan (10x13x1): Measurement grid: $dx=5\text{mm}$, $dy=15\text{mm}$

Zoom Scan (10x11x8)/Cube 0: Measurement grid: $dx=3.8\text{mm}$, $dy=3.8\text{mm}$, $dz=1.4\text{mm}$; Graded Ratio: 1.4

Reference Value = 34.88 V/m; Power Drift = -0.12 dB

Peak SAR (extrapolated) = 7.31 W/kg

SAR(10 g) = 0.894 W/kg



0 dB = 3.56 W/kg = 5.51 dBW/kg

PCTEST

DUT: A3LSMA528B; Type: Portable Handset; Serial: 82763

Communication System: UID:10011 - CAB, WCDMA; MAIA: Y; Frequency: 1712.4 MHz
Medium: 1750 Body; Medium parameters used:
f = 1712.4 MHz; cond = 1.47 S/m; perm = 51.6; density = 1000 kg/m³
Phantom Section: Flat Section; Space: 0.0 cm

Test Date: 08/25/2021; Ambient Temp: 23.5°C; Tissue Temp: 22.7°C

Probe: EX3DV4 - SN7571; ConvF:(8.09,8.09,8.09); Calibrated: 2020-12-11
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1533; Calibrated: 2020-12-07
Phantom: Twin-SAM V5.0; Serial: 1648
Measurement SW: cDASYX Module SAR V16.0.0.116

Mode: UMTS 1750, Phablet SAR. Back side, Low. Ch

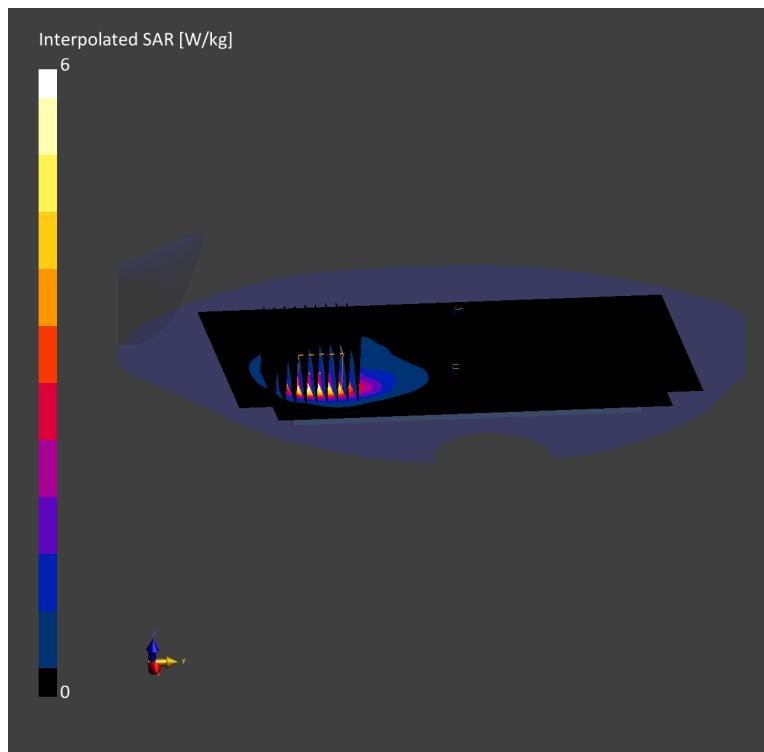
Area Scan (120.0 x 210.0): Measurement grid: dx=15.0 mm, dy=15.0 mm

Zoom Scan (30.0 x 30.0 x 30.0): Measurement grid: dx=4.7 mm, dy=4.7 mm, dz=1.4 mm; Graded Ratio: 1.4

Reference Value = 2.63 W/kg; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 6.00 W/kg

SAR(10 g) = 1.33 W/kg



PCTEST

DUT: A3LSMA528B; Type: Portable Handset; Serial: 83480

Communication System: UID 0, UMTS; Frequency: 1852.4 MHz; Duty Cycle: 1:1
Medium: 1900 Body; Medium parameters used (interpolated):
 $f = 1852.4$ MHz; $\sigma = 1.529$ S/m; $\epsilon_r = 51.441$; $\rho = 1000$ kg/m³
Phantom section: Flat Section; Space: 0.0 cm

Test Date: 08/25/2021; Ambient Temp: 21.6°C; Tissue Temp: 21.3°C

Probe: EX3DV4 - SN7410; ConvF(7.7, 7.7, 7.7) @ 1852.4 MHz; Calibrated: 7/20/2021
Sensor-Surface: 1.4mm (Mechanical Surface Detection)
Electronics: DAE4 Sn1583; Calibrated: 7/13/2021
Phantom: Twin-SAM V5.0 (Front); Type: QD 000 P40 CD; Serial: 1792
Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

Mode: UMTS 1900, Phablet SAR, Front side, Low.ch

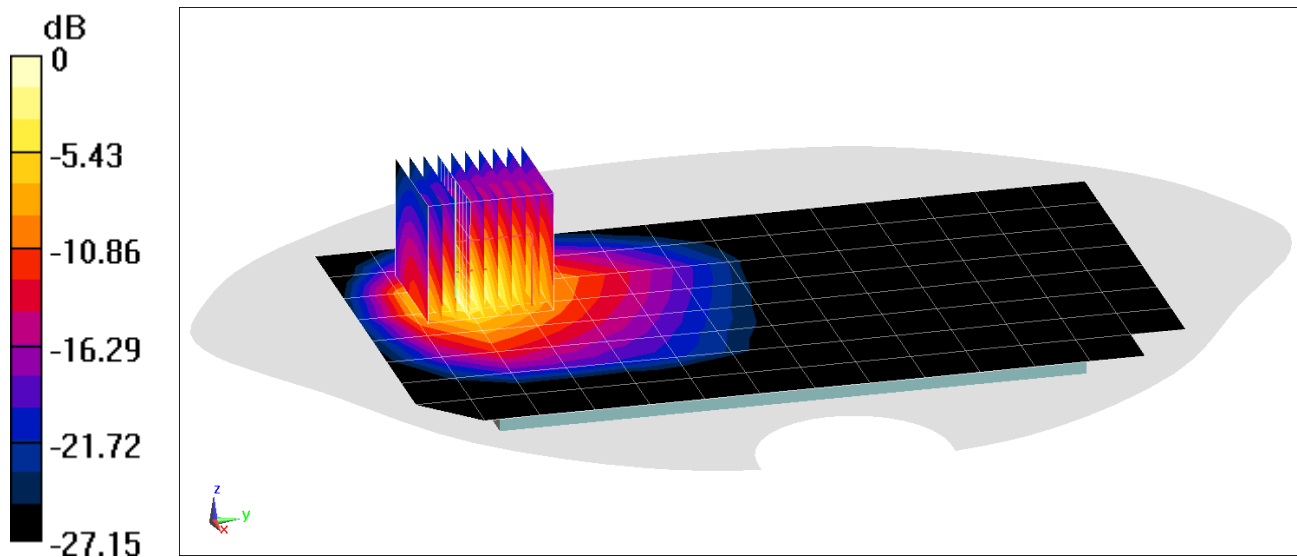
Area Scan (9x15x1): Measurement grid: dx=15mm, dy=15mm

Zoom Scan (10x10x8)/Cube 0: Measurement grid: dx=3.8mm, dy=3.8mm, dz=1.4mm; Graded Ratio: 1.4

Reference Value = 49.72 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 10.3 W/kg

SAR(10 g) = 1.62 W/kg



0 dB = 6.40 W/kg = 8.06 dBW/kg

PCTEST

DUT: A3LSMA528B; Type: Portable Handset; Serial: 82763

Communication System: UID:10297 - AAD, LTE-FDD; MAIA: Y; Frequency: 1720.0 MHz

Medium: 1750 Body; Medium parameters used:

f = 1720.0 MHz; cond = 1.47 S/m; perm = 51.6; density = 1000 kg/m³

Phantom Section: Flat Section; Space: 0.0 cm

Test Date: 08/25/2021; Ambient Temp: 23.5°C; Tissue Temp: 22.7°C

Probe: EX3DV4 - SN7571; ConvF:(8.09,8.09,8.09); Calibrated: 2020-12-11

Sensor-Surface: 1.4mm (VMS + 6p)

Electronics: DAE4 Sn1533; Calibrated: 2020-12-07

Phantom: Twin-SAM V5.0; Serial: 1648

Measurement SW: cDASY6 Module SAR V16.0.0.116

**Mode: LTE Band 66 (AWS), Phablet SAR, Back side, Low.ch
20 MHz Bandwidth, QPSK, 50 RB, 25 RB Offset**

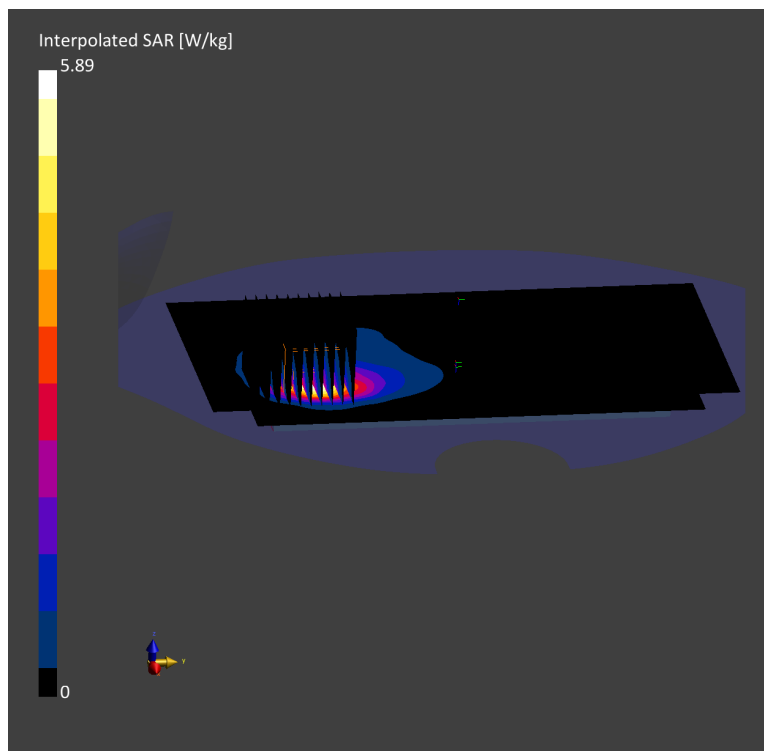
Area Scan (120.0 x 210.0): Measurement grid: dx=15.0 mm, dy=15.0 mm

Zoom Scan (30.0 x 30.0 x 30.0): Measurement grid: dx=4.2 mm, dy=4.2 mm, dz=1.4 mm; Graded Ratio: 1.4

Reference Value = 2.52 W/kg; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 5.89 W/kg

SAR(10 g) = 1.33 W/kg



PCTEST

DUT: A3LSMA528B; Type: Portable Handset; Serial: 82599

Communication System: UID 0, LTE Band 2 (PCS); Frequency: 1860 MHz; Duty Cycle: 1:1

Medium: 1900 Body; Medium parameters used:

$f = 1860$ MHz; $\sigma = 1.537$ S/m; $\epsilon_r = 51.411$; $\rho = 1000$ kg/m³

Phantom section: Flat Section; Space: 0.0 cm

Test Date: 08/25/2021; Ambient Temp: 21.6°C; Tissue Temp: 21.3°C

Probe: EX3DV4 - SN7410; ConvF(7.7, 7.7, 7.7) @ 1860 MHz; Calibrated: 7/20/2021

Sensor-Surface: 1.4mm (Mechanical Surface Detection)

Electronics: DAE4 Sn1583; Calibrated: 7/13/2021

Phantom: Twin-SAM V5.0 (Front); Type: QD 000 P40 CD; Serial: 1792

Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

Mode: LTE Band 2 (PCS), Phablet SAR, Front side, Low.ch
20 MHz Bandwidth, QPSK, 50 RB, 25 RB Offset

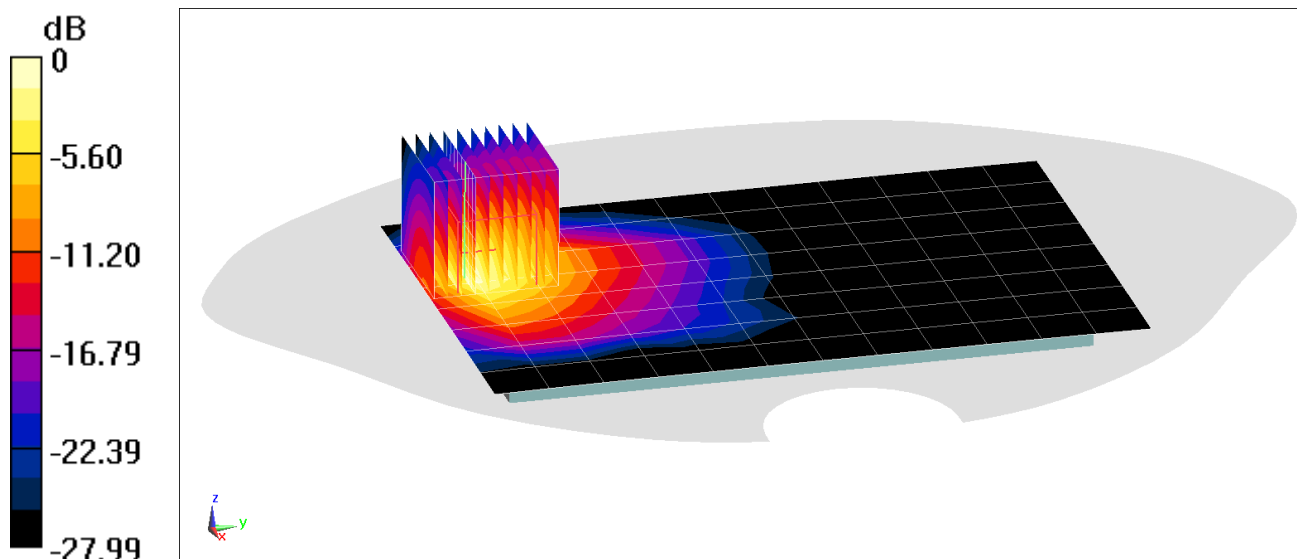
Area Scan (9x13x1): Measurement grid: dx=15mm, dy=15mm

Zoom Scan (10x10x8)/Cube 0: Measurement grid: dx=3.8mm, dy=3.8mm, dz=1.4mm; Graded Ratio: 1.4

Reference Value = 46.27 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 8.94 W/kg

SAR(10 g) = 1.47 W/kg



0 dB = 5.59 W/kg = 7.47 dBW/kg

PCTEST

DUT: A3LSMA528B; Type: Portable Handset; Serial: 82763

Communication System: UID:10931 - AAB, 5G NR FR1 FDD; MAIA: Y; Frequency: 1770.0 MHz
Medium: 1750 Body; Medium parameters used:
f = 1770.0 MHz; cond = 1.50 S/m; perm = 51.2; density = 1000 kg/m³
Phantom Section: Flat Section; Space: 0.0 cm

Test Date: 08/27/2021; Ambient Temp: 23.7°C; Tissue Temp: 23.0°C

Probe: EX3DV4 - SN7571; ConvF:(8.09,8.09,8.09); Calibrated: 2020-12-11
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1533; Calibrated: 2020-12-07
Phantom: Twin-SAM V5.0; Serial: 1648
Measurement SW: cDASY6 Module SAR V16.0.0.116

Mode: NR Band n66, Phablet SAR, Left Edge, 20 MHz Bandwidth, Ch. 354000
DFT-s-OFDM QPSK, 1 RB, 104 RB Offset

Area Scan (48.0 x 210.0): Measurement grid: dx=8.0 mm, dy=15.0 mm

Zoom Scan (30.0 x 30.0 x 30.0): Measurement grid: dx=3.6 mm, dy=3.6 mm, dz=1.4 mm; Graded Ratio: 1.4

Reference Value = 3.58 W/kg; Power Drift = 0.00 dB

Peak SAR (extrapolated) = 11.1 W/kg

SAR(10 g) = 1.59 W/kg

