

APPENDIX A: SAR TEST DATA

PCTEST

DUT: A3LSMS908U; Type: Portable Handset; Serial: 0418M

Communication System: UID 0, GSM; Frequency: 824.2 MHz; Duty Cycle: 1:8.3

Medium: 835 Head; Medium parameters used (interpolated):

$f = 824.2 \text{ MHz}$; $\sigma = 0.883 \text{ S/m}$; $\epsilon_r = 40.402$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Left Section

Test Date: 09/23/2021; Ambient Temp: 20.2°C; Tissue Temp: 20.4°C

Probe: EX3DV4 - SN7565; ConvF(9.11, 9.11, 9.11) @ 824.2 MHz; Calibrated: 11/12/2020

Sensor-Surface: 1.4mm (Mechanical Surface Detection)

Electronics: DAE4 Sn1466; Calibrated: 11/6/2020

Phantom: Twin-SAM V5.0; Type: QD 000 P40 CD; Serial: 1626

Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7501)

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

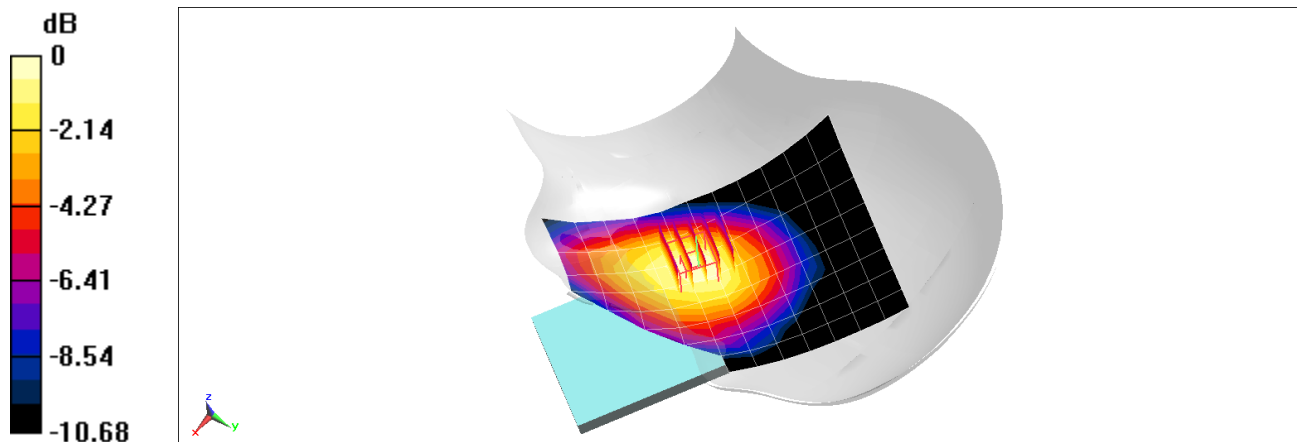
Area Scan (9x15x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 10.81 V/m; Power Drift = -0.10 dB

Peak SAR (extrapolated) = 0.124 W/kg

SAR(1 g) = 0.099 W/kg



0 dB = 0.115 W/kg = -9.39 dBW/kg

PCTEST

DUT: A3LSMS908U; Type: Portable Handset; Serial: 1246M

Communication System: UID:10021 - DAC, GSM; MAIA: Y; Frequency: 1909.8 MHz

Medium: 1900 Head; Medium parameters used:

$f = 1909.8 \text{ MHz}$; $\text{cond} = 1.45 \text{ S/m}$; $\text{perm} = 38.6$; $\text{density} = 1000 \text{ kg/m}^3$

Phantom Section: Left Head

Test Date: 10/12/2021; Ambient Temp: 23.5°C; Tissue Temp: 22.3°C

Probe: EX3DV4 - SN7406; ConvF:(7.98,7.98,7.98); Calibrated: 2021-07-20

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

Electronics: DAE4 Sn1676; Calibrated: 2021-06-21

Phantom: Twin-SAM V8.0; Serial: 2058

Measurement SW: DASY Module SAR V16.0.0.65

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

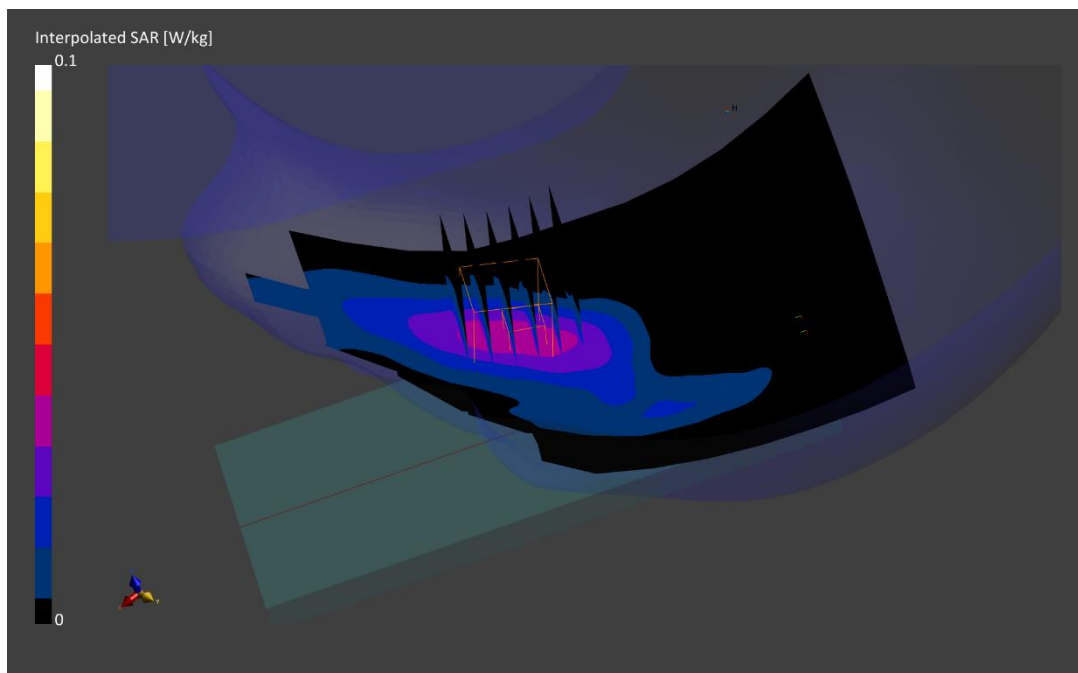
Area Scan (120.0 x 210.0): Measurement grid: $dx=15.0 \text{ mm}$, $dy=15.0 \text{ mm}$

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

Reference Value = 0.03 W/kg; Power Drift = 0.12 dB

Peak SAR (extrapolated) = 0.052 W/kg

SAR(1 g) = 0.032 W/kg



PCTEST

DUT: A3LSMS908U; Type: Portable Handset; Serial: 0418M

Communication System: UID 0, UMTS; Frequency: 846.6 MHz; Duty Cycle: 1:1
Medium: 835 Head; Medium parameters used (interpolated):
 $f = 846.6 \text{ MHz}$; $\sigma = 0.934 \text{ S/m}$; $\epsilon_r = 43.169$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Left Section

Test Date: 09/27/2021; Ambient Temp: 19.5°C; Tissue Temp: 19.3°C

Probe: EX3DV4 - SN7402; ConvF(10.05, 10.05, 10.05) @ 846.6 MHz; Calibrated: 4/16/2021
Sensor-Surface: 1.4mm (Mechanical Surface Detection)
Electronics: DAE4 Sn1502; Calibrated: 4/9/2021
Phantom: Twin-SAM V5.0; Type: QD 000 P40 CD; Serial: 1868
Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7501)

Mode: UMTS 850, Left Head, Cheek, High.ch

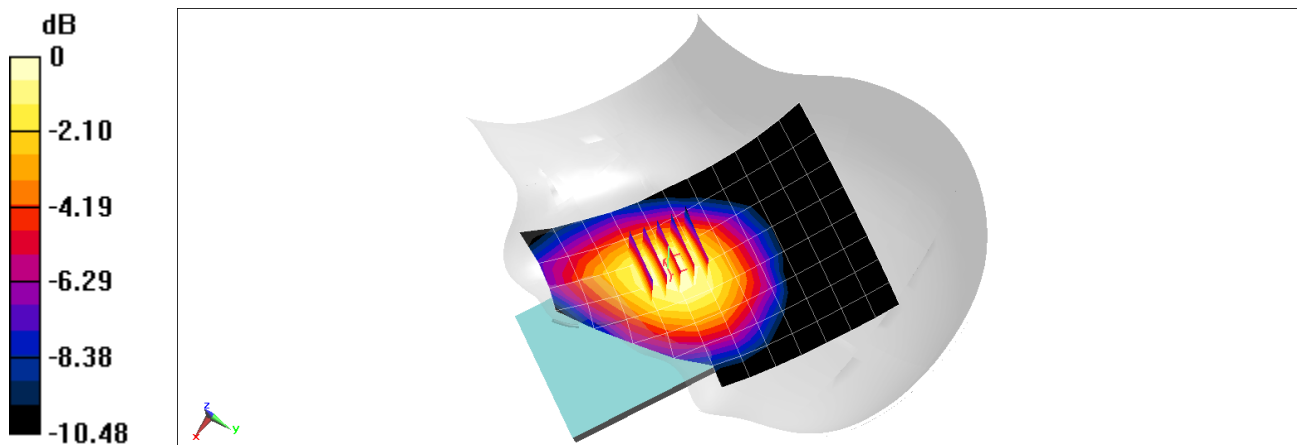
Area Scan (9x15x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 14.22 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.227 W/kg

SAR(1 g) = 0.178 W/kg



0 dB = 0.209 W/kg = -6.80 dBW/kg

PCTEST

DUT: A3LSMS908U; Type: Portable Handset; Serial: 1246M

Communication System: UID 0, UMTS; Frequency: 1712.4 MHz; Duty Cycle: 1:1

Medium: 1750 Head; Medium parameters used (interpolated):

$f = 1712.4 \text{ MHz}$; $\sigma = 1.304 \text{ S/m}$; $\epsilon_r = 39.134$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Right Section

Test Date: 10/21/2021; Ambient Temp: 20.9°C; Tissue Temp: 20.5°C

Probe: EX3DV4 - SN7409; ConvF(8.3, 8.3, 8.3) @ 1712.4 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; Type: QD 000 P40 CD; Serial: 1759

Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7495)

Mode: UMTS 1750, Right Head, Cheek, Low.ch

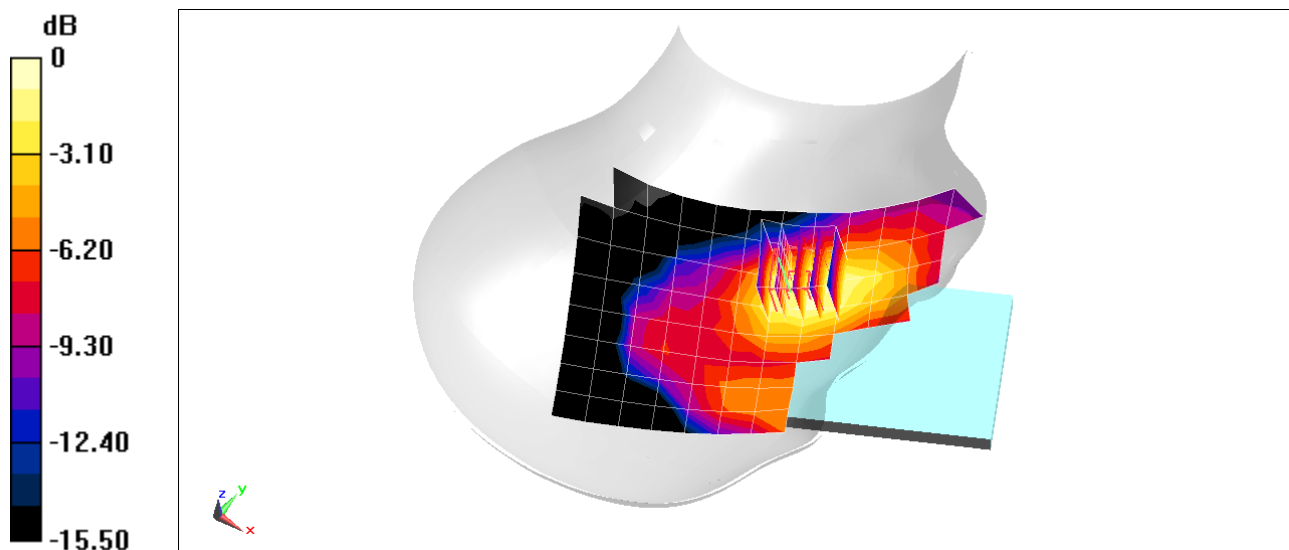
Area Scan (9x15x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 8.925 V/m; Power Drift = 0.11 dB

Peak SAR (extrapolated) = 0.152 W/kg

SAR(1 g) = 0.098 W/kg



0 dB = 0.127 W/kg = -8.96 dBW/kg

PCTEST

DUT: A3LSMS908U; Type: Portable Handset; Serial: 1258M

Communication System: UID:10011 - CAB, WCDMA; MAIA: Y; Frequency: 1907.6 MHz

Medium: 1900 Head; Medium parameters used:

$f = 1907.6 \text{ MHz}$; $\text{cond} = 1.45 \text{ S/m}$; $\text{perm} = 38.6$; $\text{density} = 1000 \text{ kg/m}^3$

Phantom Section: Left Head

Test Date: 10/12/2021; Ambient Temp: 23.5°C; Tissue Temp: 22.3°C

Probe: EX3DV4 - SN7406; ConvF:(7.98,7.98,7.98); Calibrated: 2021-07-20

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

Electronics: DAE4 Sn1676; Calibrated: 2021-06-21

Phantom: Twin-SAM V8.0; Serial: 2058

Measurement SW: DASY Module SAR V16.0.0.65

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

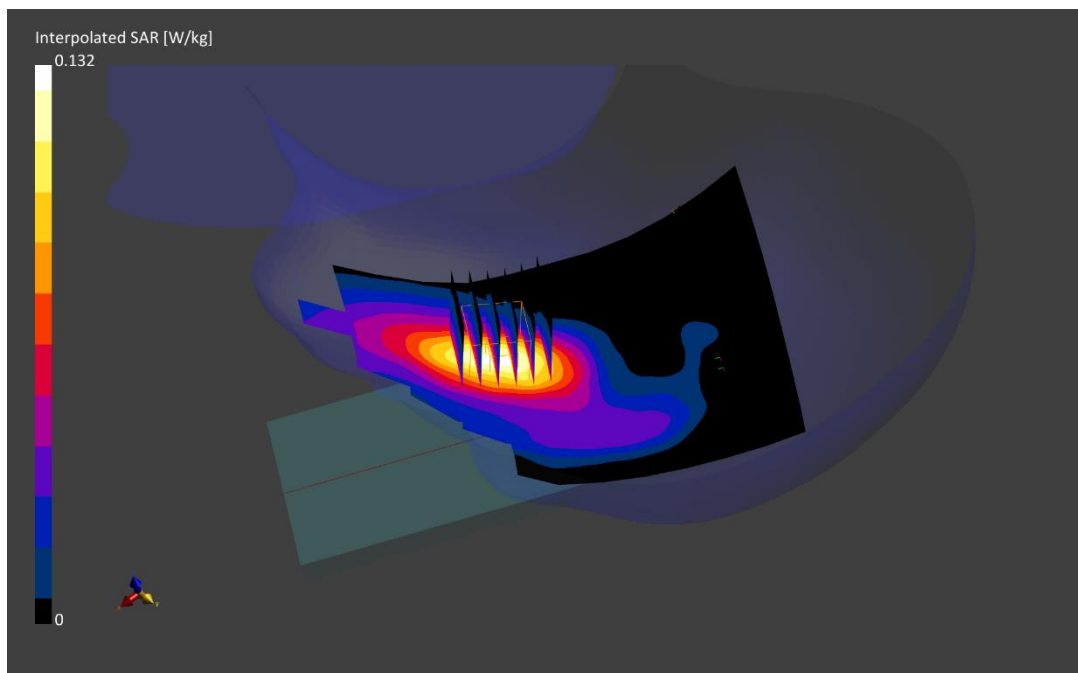
Area Scan (120.0 x 210.0): Measurement grid: $dx=15.0 \text{ mm}$, $dy=15.0 \text{ mm}$

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

Reference Value = 0.09 W/kg; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.132 W/kg

SAR(1 g) = 0.082 W/kg



PCTEST

DUT: A3LSMS908U; Type: Portable Handset; Serial: 0352M

Communication System: UID 0, LTE Band 71; Frequency: 680.5 MHz; Duty Cycle: 1:1

Medium: 750 Head; Medium parameters used (interpolated):

$f = 680.5 \text{ MHz}$; $\sigma = 0.895 \text{ S/m}$; $\epsilon_r = 40.841$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Left Section

Test Date: 10/12/2021; Ambient Temp: 21.6°C; Tissue Temp: 21.8°C

Probe: EX3DV4 - SN7402; ConvF(10.26, 10.26, 10.26) @ 680.5 MHz; Calibrated: 04/16/2021

Sensor-Surface: 1.4mm (Mechanical Surface Detection)

Electronics: DAE4 Sn1502; Calibrated: 04/09/2021

Phantom: Twin-SAM V5.0; Type: QD 000 P40 CD; Serial: 1868

Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7501)

**Mode: LTE Band 71, Left Head, Cheek, Mid.ch,
20 MHz Bandwidth, QPSK, 1 RB, 0 RB Offset**

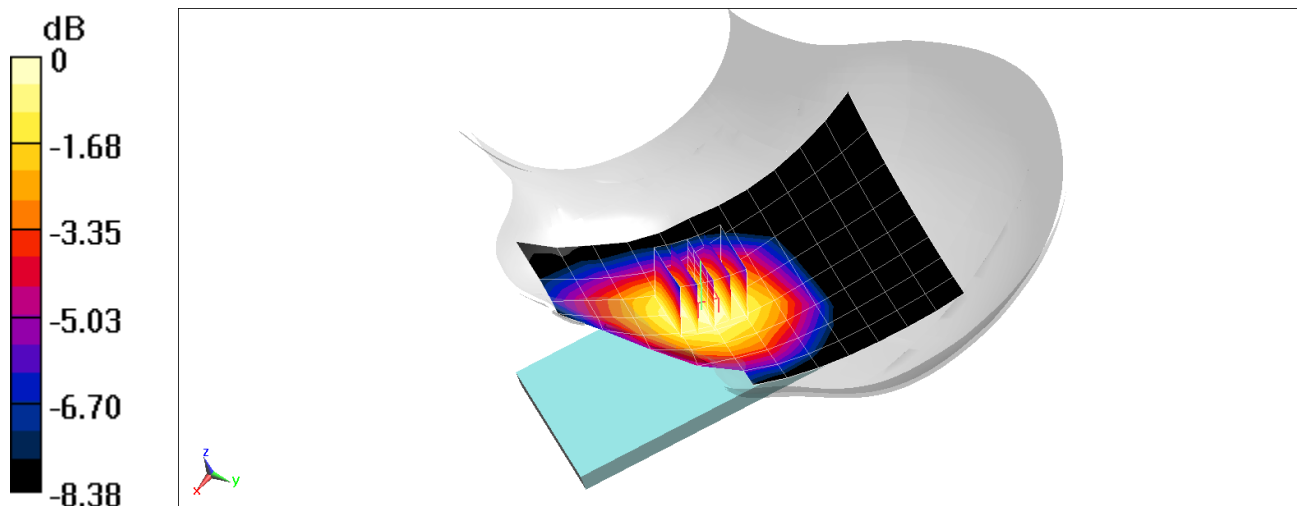
Area Scan (9x15x1): Measurement grid: dx=15mm, dy=15mm

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

Reference Value = 11.41 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 0.128 W/kg

SAR(1 g) = 0.104 W/kg



0 dB = 0.119 W/kg = -9.24 dBW/kg

PCTEST

DUT: A3LSMS908U; Type: Portable Handset; Serial: 0352M

Communication System: UID 0, LTE Band 12; Frequency: 707.5 MHz; Duty Cycle: 1:1

Medium: 750 Head; Medium parameters used (interpolated):

$f = 707.5 \text{ MHz}$; $\sigma = 0.903 \text{ S/m}$; $\epsilon_r = 40.745$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Left Section

Test Date: 10/12/2021; Ambient Temp: 21.6°C; Tissue Temp: 21.8°C

Probe: EX3DV4 - SN7402; ConvF(10.26, 10.26, 10.26) @ 707.5 MHz; Calibrated: 04/16/2021

Sensor-Surface: 1.4mm (Mechanical Surface Detection)

Electronics: DAE4 Sn1502; Calibrated: 04/09/2021

Phantom: Twin-SAM V5.0; Type: QD 000 P40 CD; Serial: 1868

Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7501)

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

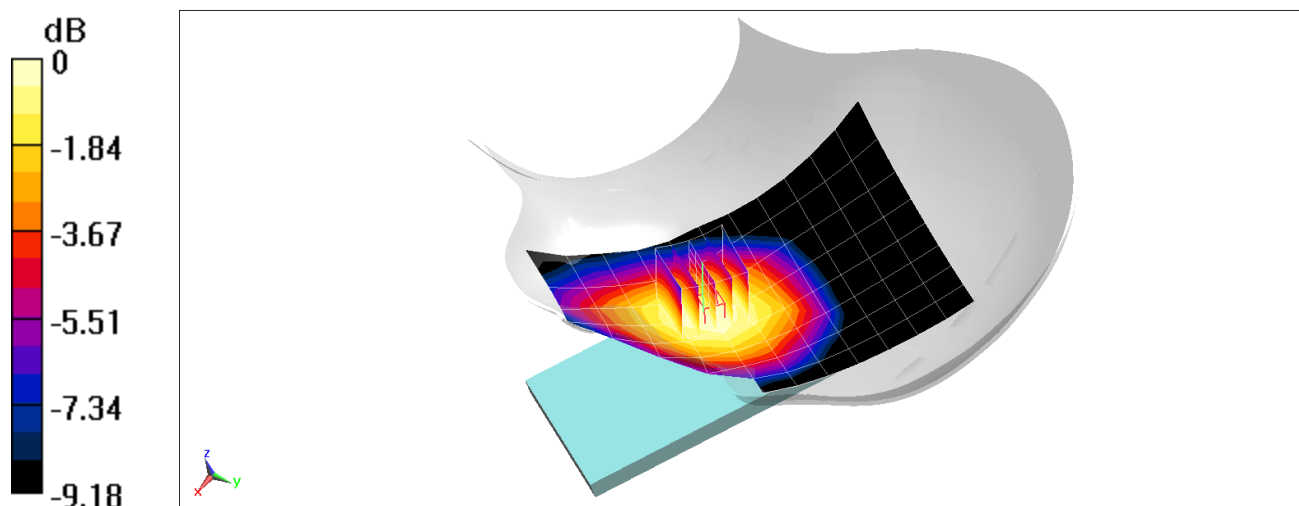
Area Scan (9x15x1): Measurement grid: dx=15mm, dy=15mm

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

Reference Value = 13.68 V/m; Power Drift = 0.00 dB

Peak SAR (extrapolated) = 0.186 W/kg

SAR(1 g) = 0.150 W/kg



0 dB = 0.173 W/kg = -7.62 dBW/kg

PCTEST

DUT: A3LSMS908U; Type: Portable Handset; Serial: 0352M

Communication System: UID 0, LTE Band 13; Frequency: 782 MHz; Duty Cycle: 1:1

Medium: 750 Head; Medium parameters used (interpolated):

$f = 782 \text{ MHz}$; $\sigma = 0.925 \text{ S/m}$; $\epsilon_r = 42.602$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Left Section

Test Date: 10/07/2021; Ambient Temp: 22.2°C; Tissue Temp: 20.6°C

Probe: EX3DV4 - SN7402; ConvF(10.26, 10.26, 10.26) @ 782 MHz; Calibrated: 04/16/2021

Sensor-Surface: 1.4mm (Mechanical Surface Detection)

Electronics: DAE4 Sn1502; Calibrated: 04/09/2021

Phantom: Twin-SAM V5.0; Type: QD 000 P40 CD; Serial: 1868

Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7501)

**Mode: LTE Band 13, Left Head, Cheek, Mid.ch,
QPSK, 10 MHz Bandwidth, 1 RB, 49 RB Offset**

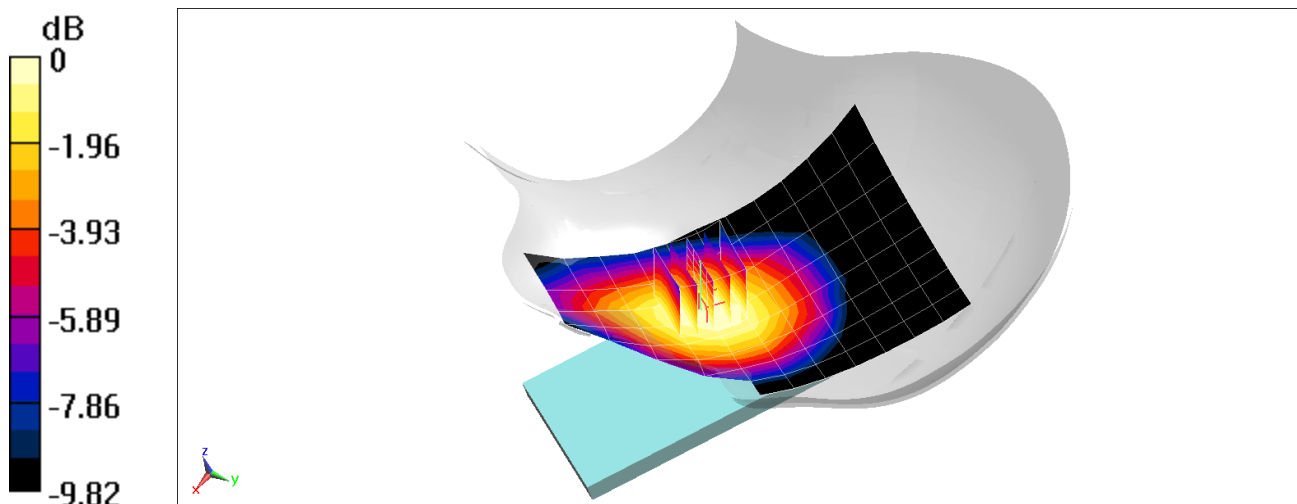
Area Scan (9x15x1): Measurement grid: dx=15mm, dy=15mm

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

Reference Value = 15.07 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 0.230 W/kg

SAR(1 g) = 0.184 W/kg



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

PCTEST

DUT: A3LSMS908U; Type: Portable Handset; Serial: 0352M

Communication System: UID 0, LTE Band 14; Frequency: 793 MHz; Duty Cycle: 1:1

Medium: 750 Head; Medium parameters used (interpolated):

$f = 793 \text{ MHz}$; $\sigma = 0.929 \text{ S/m}$; $\epsilon_r = 42.576$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Left Section

Test Date: 10/07/2021; Ambient Temp: 22.2°C; Tissue Temp: 20.6°C

Probe: EX3DV4 - SN7402; ConvF(10.26, 10.26, 10.26) @ 793 MHz; Calibrated: 04/16/2021

Sensor-Surface: 1.4mm (Mechanical Surface Detection)

Electronics: DAE4 Sn1502; Calibrated: 04/09/2021

Phantom: Twin-SAM V5.0; Type: QD 000 P40 CD; Serial: 1868

Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7501)

**Mode: LTE Band 14, Left Head, Cheek, Mid.ch,
QPSK, 10 MHz Bandwidth, 1 RB, 25 RB Offset**

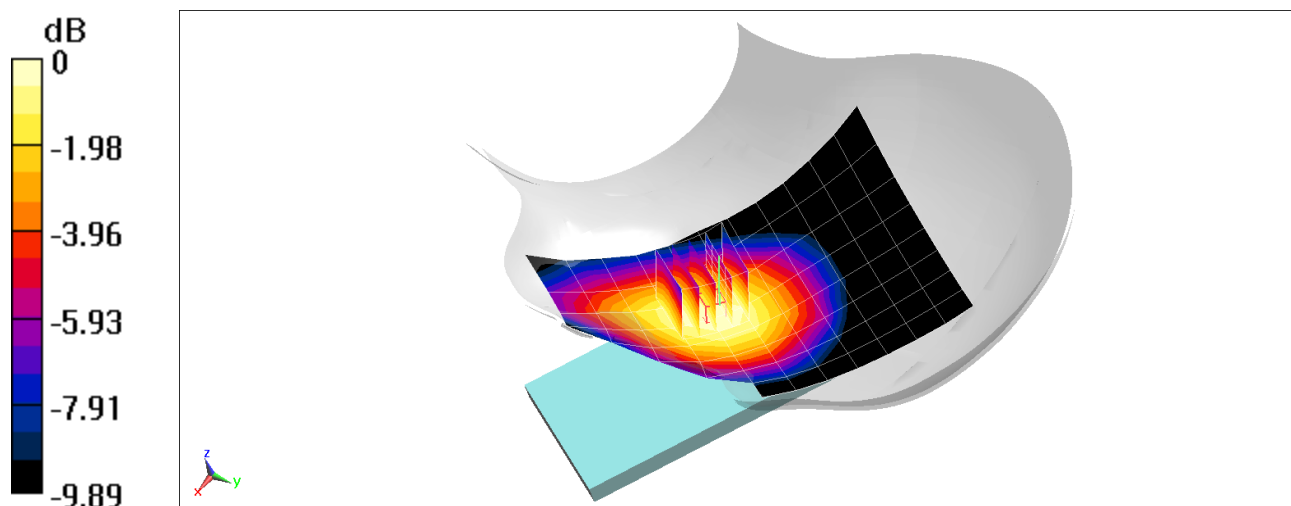
Area Scan (9x15x1): Measurement grid: dx=15mm, dy=15mm

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

Reference Value = 15.73 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 0.251 W/kg

SAR(1 g) = 0.200 W/kg



0 dB = 0.232 W/kg = -6.35 dBW/kg

PCTEST

DUT: A3LSMS908U; Type: Portable Handset; Serial: 0352M

Communication System: UID 0, LTE Band 26; Frequency: 831.5 MHz; Duty Cycle: 1:1

Medium: 835 Head; Medium parameters used (interpolated):

$f = 831.5$ MHz; $\sigma = 0.927$ S/m; $\epsilon_r = 43.221$; $\rho = 1000$ kg/m³

Phantom section: Left Section

Test Date: 09/27/2021; Ambient Temp: 19.5°C; Tissue Temp: 19.3°C

Probe: EX3DV4 - SN7402; ConvF(10.05, 10.05, 10.05) @ 831.5 MHz; Calibrated: 4/16/2021

Sensor-Surface: 1.4mm (Mechanical Surface Detection)

Electronics: DAE4 Sn1502; Calibrated: 4/9/2021

Phantom: Twin-SAM V5.0; Type: QD 000 P40 CD; Serial: 1868

Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7501)

**Mode: LTE Band 26 (Cell.), Left Head, Cheek, Mid.ch,
15 MHz Bandwidth, QPSK, 1 RB, 36 RB Offset**

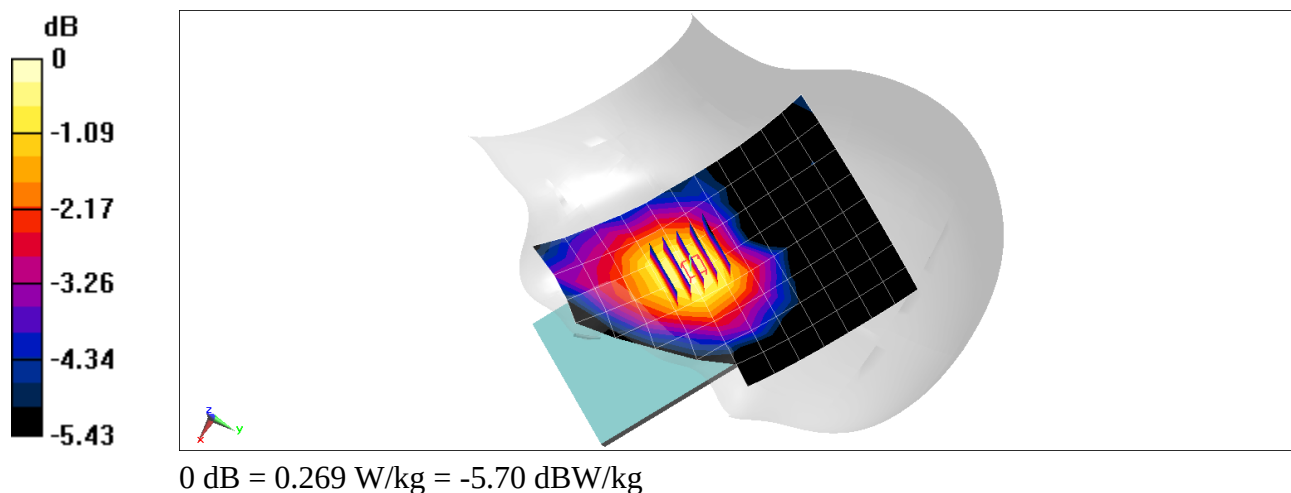
Area Scan (9x15x1): Measurement grid: dx=15mm, dy=15mm

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

Reference Value = 17.41 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 0.287 W/kg

SAR(1 g) = 0.234 W/kg



PCTEST

DUT: A3LSMS908U; Type: Portable Handset; Serial: 0315M

Communication System: UID:10175 - CAG, LTE-FDD; MAIA: Y; Frequency: 836.5 MHz

Medium: 835 Head; Medium parameters used:

$f = 836.5$ MHz; $\text{cond} = 0.940$ S/m; $\text{perm} = 41.3$; $\text{density} = 1000$ kg/m³

Phantom Section: Left Head

Test Date: 09/30/2021; Ambient Temp: 24.9°C; Tissue Temp: 23.7°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: DASY Module SAR V16.0.0.65

Mode: LTE Band 5 ULCA, Left Head, Cheek,

PCC: Ch. 20525, 10 MHz Bandwidth, QPSK, 1 RB, 0 RB Offset

SCC: Ch. 20453, 5 MHz Bandwidth, QPSK, 1 RB, 24 RB Offset

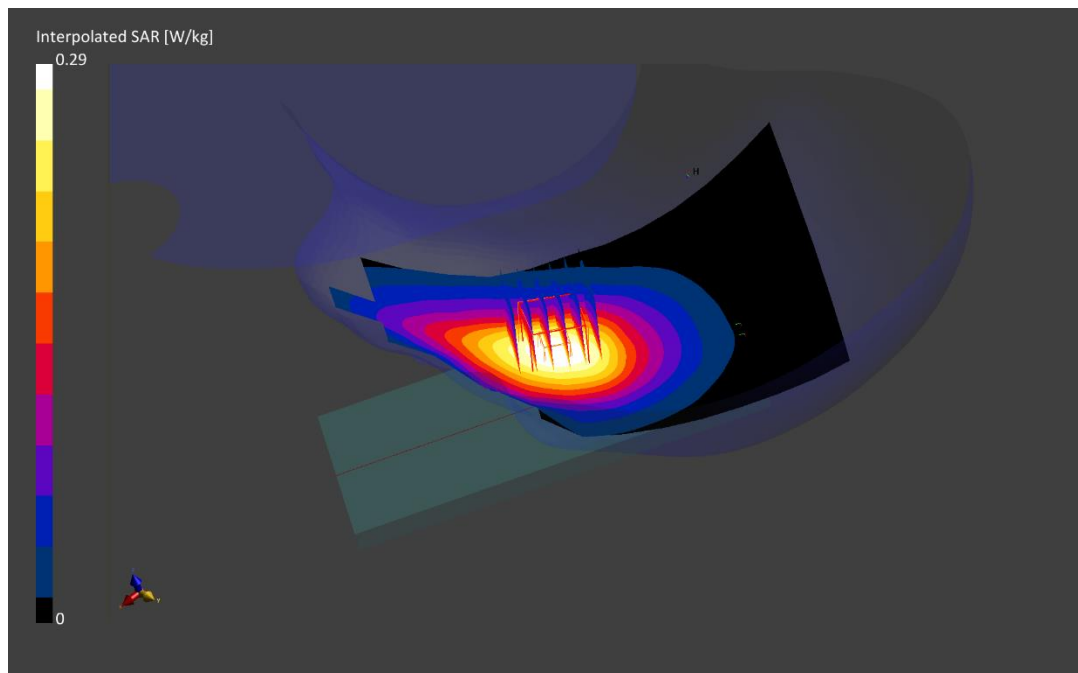
Area Scan (120.0 x 210.0): Measurement grid: $dx=15.0$ mm, $dy=15.0$ mm

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 = 0.22 W/kg; Power Drift = 0.00 dB

Peak SAR (extrapolated) = 0.290 W/kg

SAR(1 g) = 0.216 W/kg



PCTEST

DUT: A3LSMS908U; Type: Portable Handset; Serial: 1267M

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

Medium: 1750 Head; Medium parameters used:

$f = 1720.0$ MHz; $\text{cond} = 1.36$ S/m; $\text{perm} = 39.8$; $\text{density} = 1000$ kg/m³

Phantom Section: Right Head

Test Date: 10/06/2021; Ambient Temp: 23.9°C; Tissue Temp: 22.2°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: DASY Module SAR V16.0.0.65

Mode: LTE Band 66 (AWS) ULCA CA_66C, Right Head, Cheek,

PCC: Ch. 132072, 20 MHz Bandwidth, QPSK, 1 RB, 99 RB Offset

SCC: Ch. 132270, 20 MHz Bandwidth QPSK, 1 RB, 0 RB Offset

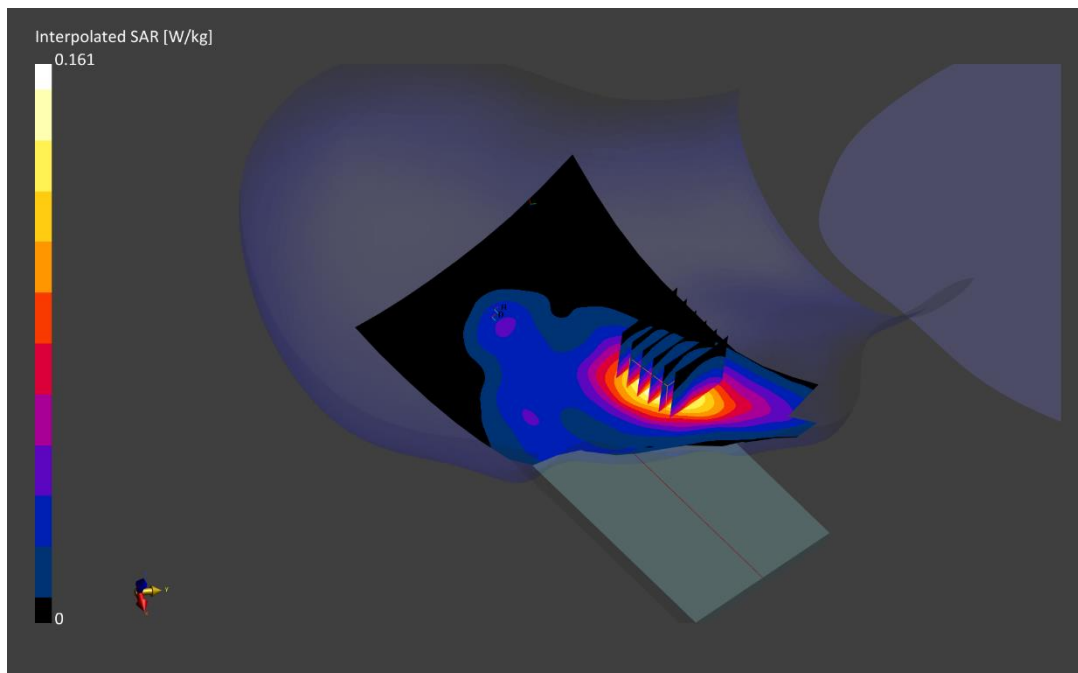
Area Scan (120.0 x 210.0): Measurement grid: $dx=15.0$ mm, $dy=15.0$ mm

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 = 0.12 W/kg; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 0.161 W/kg

SAR(1 g) = 0.106 W/kg



PCTEST

DUT: A3LSMS908U; Type: Portable Handset; Serial: 1168M

Communication System: UID:10169 - CAE, LTE-FDD; MAIA: Y; Frequency: 1882.5 MHz

Medium: 1900 Head; Medium parameters used:

$f = 1882.5$ MHz; $\text{cond} = 1.42$ S/m; $\text{perm} = 38.7$; $\text{density} = 1000$ kg/m³

Phantom Section: Right Head

Test Date: 10/12/2021; Ambient Temp: 23.5°C; Tissue Temp: 22.3°C

Probe: EX3DV4 - SN7406; ConvF:(7.98,7.98,7.98); Calibrated: 2021-07-20

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

Electronics: DAE4 Sn1676; Calibrated: 2021-06-21

Phantom: Twin-SAM V8.0; Serial: 2058

Measurement SW: DASY Module SAR V16.0.0.65

**Mode: LTE Band 25, Right Head, Cheek, Mid.Ch,
20 MHz Bandwidth, QPSK, 1 RB, 50 RB Offset**

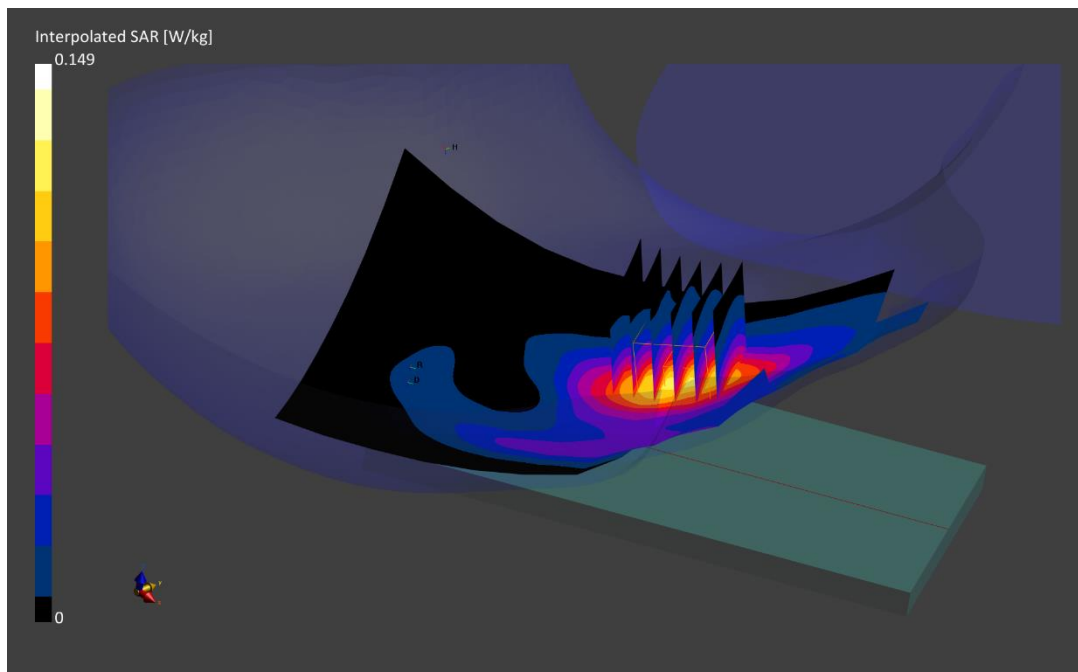
Area Scan (120.0 x 210.0): Measurement grid: $dx=15.0$ mm, $dy=15.0$ mm

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

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

Peak SAR (extrapolated) = 0.149 W/kg

SAR(1 g) = 0.098 W/kg



PCTEST

DUT: A3LSMS908U; Type: Portable Handset; Serial: 1168M

Communication System: UID:10175 - CAG, LTE-FDD; MAIA: Y; Frequency: 2310.0 MHz

Medium: 2450 Head; Medium parameters used:

$f = 2310.0$ MHz; $\text{cond} = 1.70$ S/m; $\text{perm} = 40.1$; $\text{density} = 1000$ kg/m³

Phantom Section: Left Head

Test Date: 10/24/2021; Ambient Temp: 22.5°C; Tissue Temp: 23.9°C

Probe: EX3DV4 - SN7660; ConvF:(8.66,8.66,8.66); Calibrated: 2021-06-28

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

Electronics: DAE4 Sn1677; Calibrated: 2021-06-22

Phantom: Twin-SAM V8.0; Serial: 2056

Measurement SW: DASY Module SAR V16.0.0.65

**Mode: LTE Band 30, Left Head, Cheek, Mid.ch,
10 MHz Bandwidth, QPSK, 1 RB, 0 RB Offset**

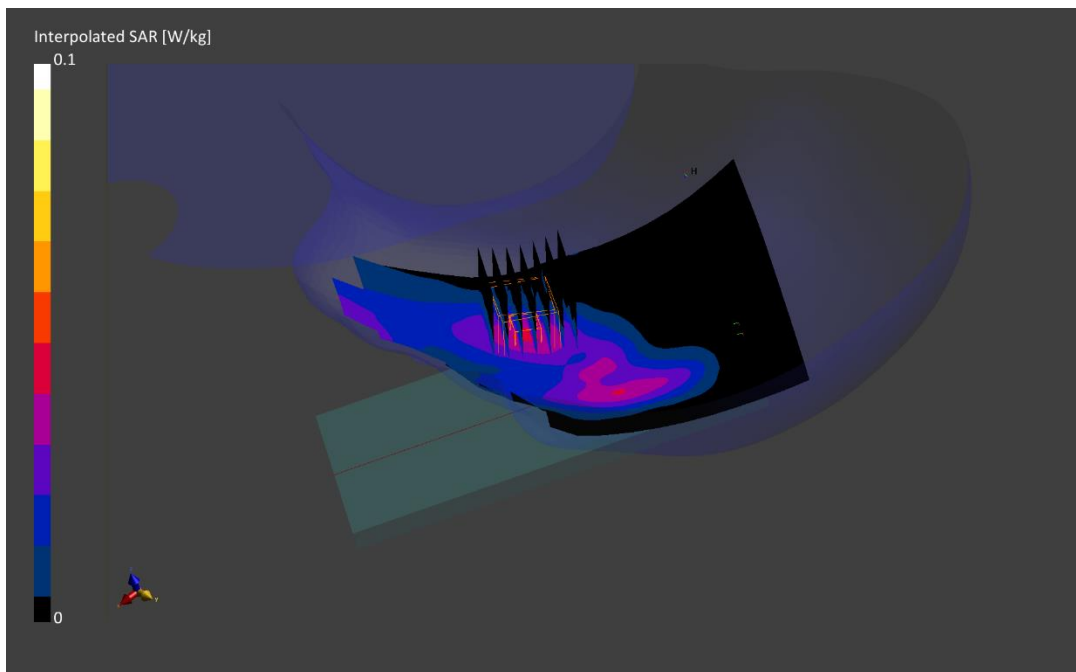
Area Scan (120.0 x 200.0): Measurement grid: $dx=10.0$ mm, $dy=10.0$ mm

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

Reference Value = 0.04 W/kg; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 0.057 W/kg

SAR(1 g) = 0.032 W/kg



PCTEST

DUT: A3LSMS908U; Type: Portable Handset; Serial: 1170M

Communication System: UID:10169 - CAE, LTE-FDD; MAIA: Y; Frequency: 2510.0 MHz

Medium: 2450 Head; Medium parameters used:

$f = 2510.0$ MHz; $\text{cond} = 1.93$ S/m; $\text{perm} = 39.3$; $\text{density} = 1000$ kg/m³

Phantom Section: Left Head

Test Date: 10/24/2021; Ambient Temp: 22.5°C; Tissue Temp: 23.9°C

Probe: EX3DV4 - SN7660; ConvF:(8.49,8.49,8.49); Calibrated: 2021-06-28

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

Electronics: DAE4 Sn1677; Calibrated: 2021-06-22

Phantom: Twin-SAM V8.0; Serial: 2056

Measurement SW: DASY Module SAR V16.0.0.65

**Mode: LTE Band 7, Left Head, Tilt, Low.ch,
20 MHz Bandwidth, QPSK, 1 RB, 50 RB Offset**

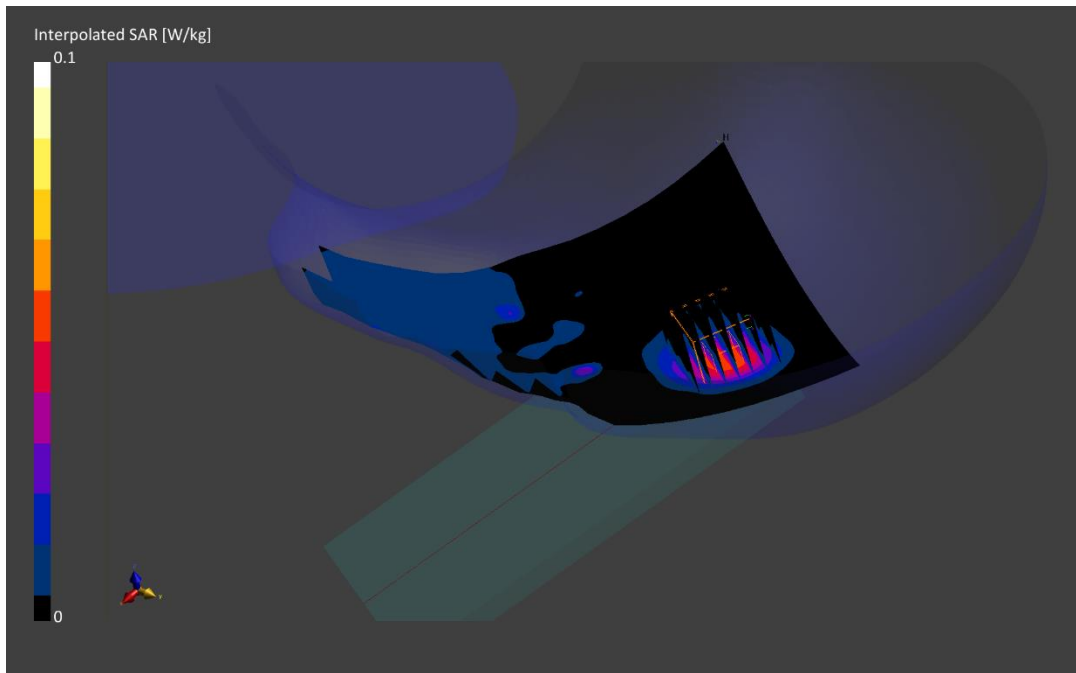
Area Scan (120.0 x 200.0): Measurement grid: $dx=10.0$ mm, $dy=10.0$ mm

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 = 0.05 W/kg; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.079 W/kg

SAR(1 g) = 0.042 W/kg



PCTEST

DUT: A3LSMS908U; Type: Portable Handset; Serial: 1149M

Communication System: UID:10172 - CAG, LTE-TDD; MAIA: Y; Frequency: 2506.0 MHz

Medium: 2450 Head; Medium parameters used:

$f = 2506.0$ MHz; $\text{cond} = 1.93$ S/m; $\text{perm} = 39.3$; $\text{density} = 1000$ kg/m³

Phantom Section: Left Head

Test Date: 10/24/2021; Ambient Temp: 22.5°C; Tissue Temp: 23.9°C

Probe: EX3DV4 - SN7660; ConvF:(8.49,8.49,8.49); Calibrated: 2021-06-28

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

Electronics: DAE4 Sn1677; Calibrated: 2021-06-22

Phantom: Twin-SAM V8.0; Serial: 2056

Measurement SW: DASY Module SAR V16.0.0.65

Mode: LTE Band 41, PC2 ULCA, Left Head, Tilt,
PCC: Ch. 39750, 20 MHz Bandwidth, QPSK, 1 RB, 99 RB Offset
SCC: Ch. 39948, 20 MHz Bandwidth, QPSK, 1 RB, 0 RB Offset

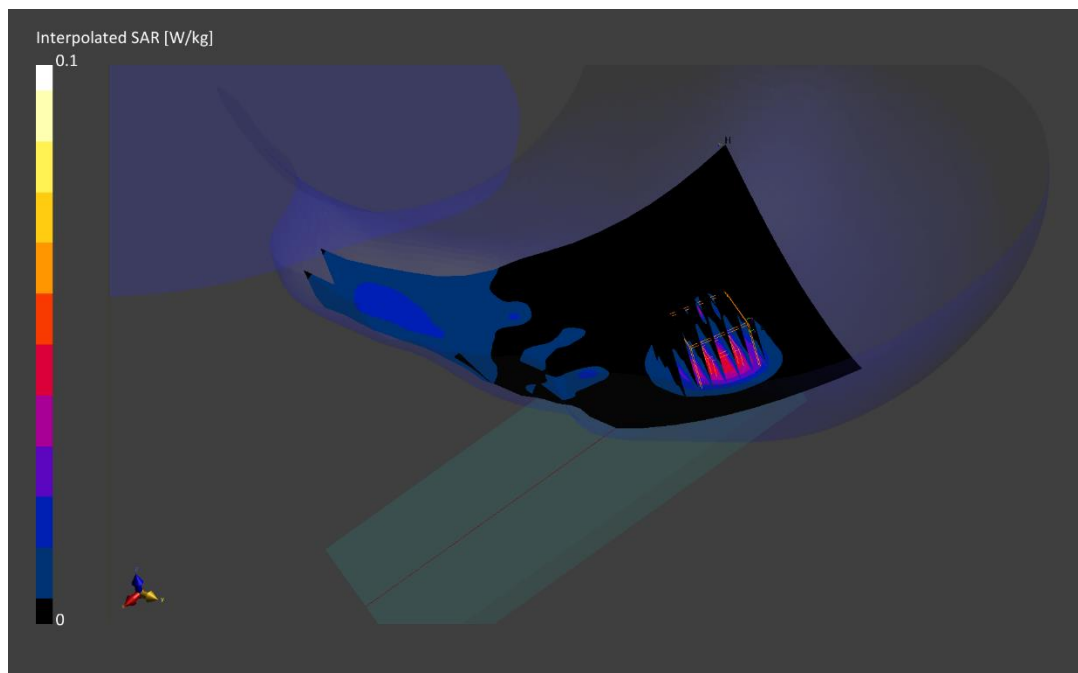
Area Scan (120.0 x 200.0): Measurement grid: $dx=10.0$ mm, $dy=10.0$ mm

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

Reference Value = 0.04 W/kg; Power Drift = 0.13 dB

Peak SAR (extrapolated) = 0.074 W/kg

SAR(1 g) = 0.041 W/kg



PCTEST

DUT: A3LSMS908U; Type: Portable Handset; Serial: 0543M

Communication System: UID:10494 - AAF, LTE-TDD; MAIA: Y; Frequency: 3646.7 MHz

Medium: 3600 Head; Medium parameters used:

$f = 3646.7$ MHz; $\text{cond} = 2.93$ S/m; $\text{perm} = 39.1$; $\text{density} = 1000$ kg/m³

Phantom Section: Right Head

Test Date: 10/28/2021; Ambient Temp: 21.3°C; Tissue Temp: 21.0°C

Probe: EX3DV4 - SN7670; ConvF:(6.93,6.93,6.93); Calibrated: 2021-08-05

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

Electronics: DAE4 Sn1681; Calibrated: 2021-08-03

Phantom: Twin-SAM V8.0; Serial: 1630

Measurement SW: DASY Module SAR V16.0.0.116

**Mode: LTE Band 48, Right Head, Cheek, Mid-High.Ch,
20 MHz Bandwidth, QPSK, 50 RB, 25 RB Offset**

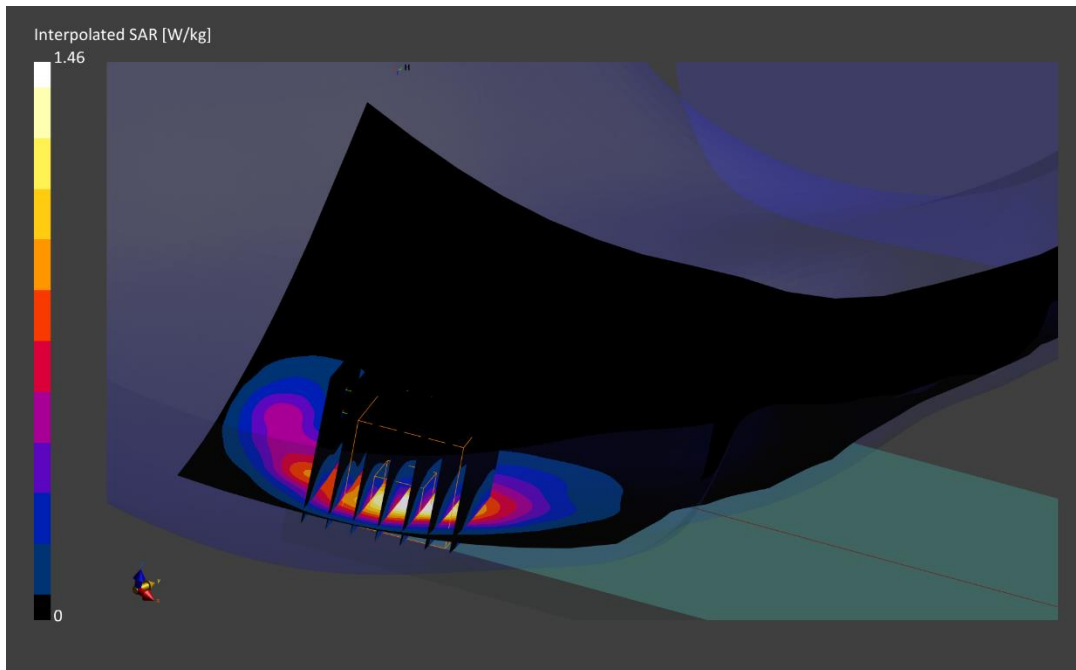
Area Scan (120.0 x 200.0): Measurement grid: $dx=10.0$ mm, $dy=10.0$ mm

Zoom Scan (28.0 x 28.0 x 28.0): Measurement grid: $dx=5.0$ mm, $dy=5.0$ mm, $dz=1.4$ mm; Graded Ratio: 1.5

Reference Value = 0.62 W/kg; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 1.46 W/kg

SAR(1 g) = 0.550 W/kg



PCTEST

DUT: A3LSMS908U; Type: Portable Handset; Serial: 0417M

Communication System: UID:10931 - AAB, 5G NR FR1 FDD; MAIA: Y; Frequency: 680.5 MHz

Medium: 750 Head; Medium parameters used:

$f = 680.5 \text{ MHz}$; $\text{cond} = 0.898 \text{ S/m}$; $\text{perm} = 41.0$; $\text{density} = 1000 \text{ kg/m}^3$

Phantom Section: Left Head

Test Date: 10/14/2021; Ambient Temp: 23.1°C; Tissue Temp: 22.4°C

Probe: EX3DV4 - SN7571; ConvF:(10.02,10.02,10.02); 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: DASY Module SAR V16.0.0.116

**Mode: NR Band n71, Left Head, Cheek, 20 MHz Bandwidth,
DFT-s-OFDM QPSK, Ch. 136100, 1 RB, 104 RB Offset**

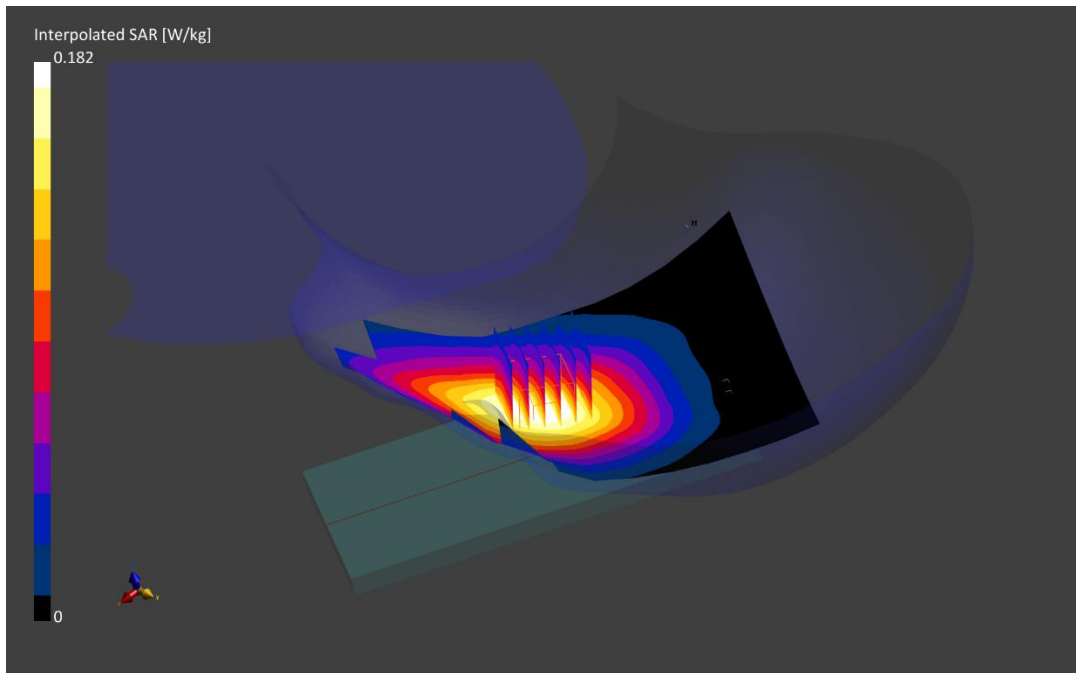
Area Scan (120.0 x 210.0): Measurement grid: $dx=15.0 \text{ mm}$, $dy=15.0 \text{ mm}$

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

Reference Value = 0.14 W/kg; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 0.182 W/kg

SAR(1 g) = 0.145 W/kg



PCTEST

DUT: A3LSMS908U; Type: Portable Handset; Serial: 0417M

Communication System: UID:10938 - AAB, 5G NR FR1 FDD; MAIA: Y; Frequency: 707.5 MHz

Medium: 750 Head; Medium parameters used:

$f = 707.5 \text{ MHz}$; $\text{cond} = 0.907 \text{ S/m}$; $\text{perm} = 40.9$; $\text{density} = 1000 \text{ kg/m}^3$

Phantom Section: Left Head

Test Date: 10/14/2021; Ambient Temp: 23.1°C; Tissue Temp: 22.4°C

Probe: EX3DV4 - SN7571; ConvF:(10.02,10.02,10.02); 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: DASY Module SAR V16.0.0.116

**Mode: NR Band n12, Left Head, Cheek, 15 MHz Bandwidth,
Ch. 141500, DFT-s-OFDM QPSK, 36 RB, 22 RB Offset**

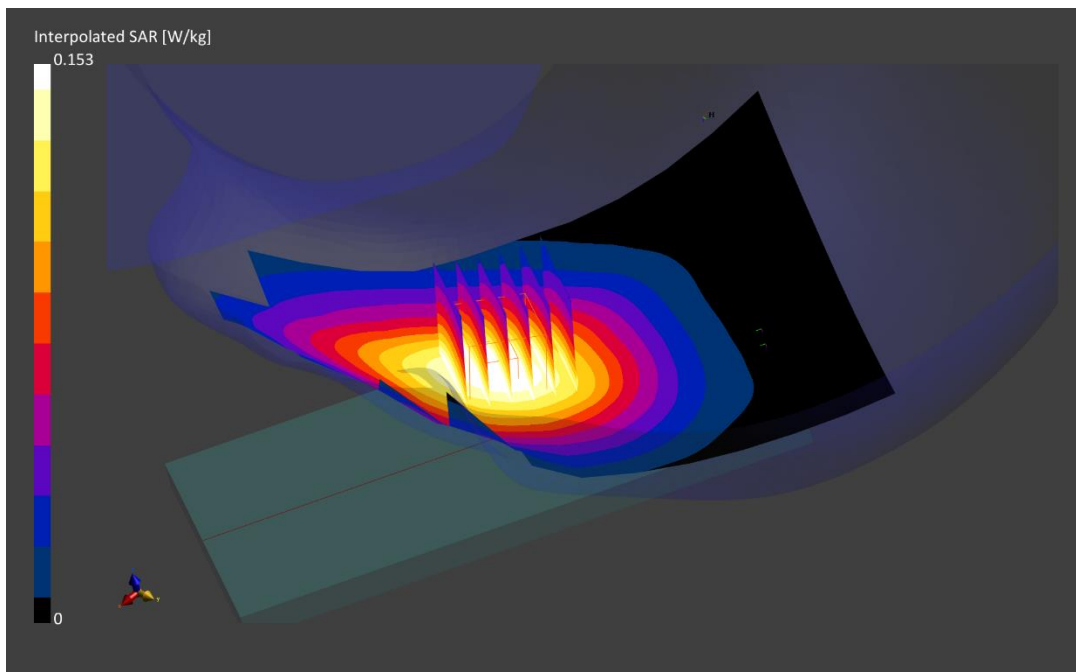
Area Scan (120.0 x 210.0): Measurement grid: $dx = 15.0 \text{ mm}$, $dy = 15.0 \text{ mm}$

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

Reference Value = 0.16 W/kg; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 0.209 W/kg

SAR(1 g) = 0.164 W/kg



PCTEST

DUT: A3LSMS908U; Type: Portable Handset; Serial: 0417M

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; $\text{cond} = 0.921$ S/m; $\text{perm} = 40.4$; $\text{density} = 1000$ kg/m³

Phantom Section: Left Head

Test Date: 10/18/2021; Ambient Temp: 22.7°C; Tissue Temp: 21.8°C

Probe: EX3DV4 - SN7571; ConvF:(9.76,9.76,9.76); 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: DASY Module SAR V16.0.0.116

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

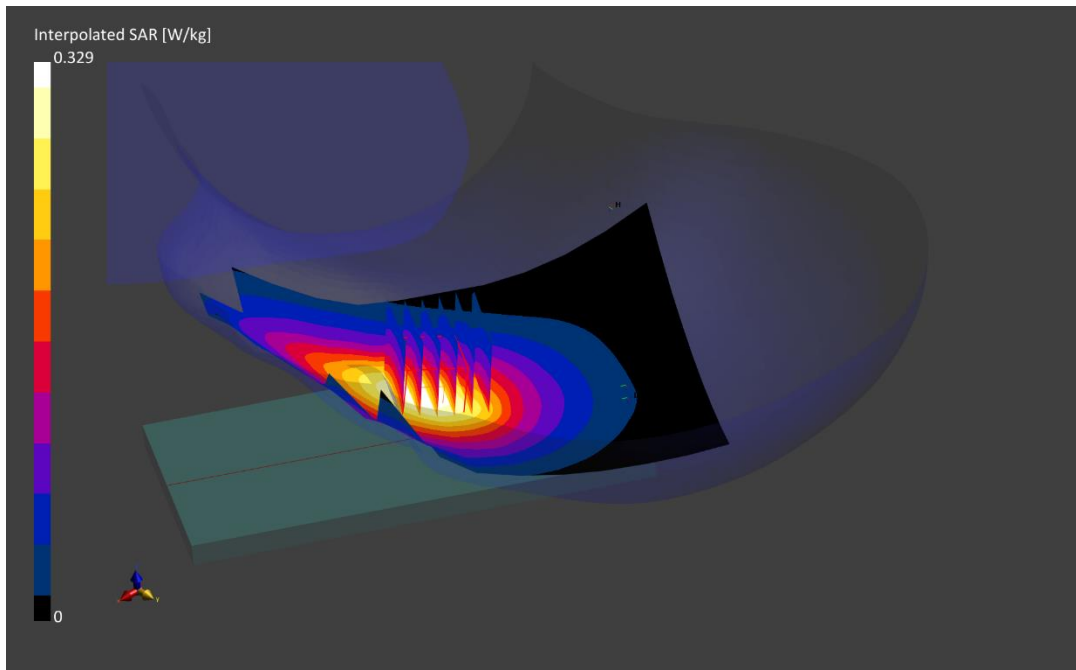
Area Scan (120.0 x 210.0): Measurement grid: $dx=15.0$ mm, $dy=15.0$ mm

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 = 0.24 W/kg; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.329 W/kg

SAR(1 g) = 0.242 W/kg



PCTEST

DUT: A3LSMS908U; Type: Portable Handset; Serial: 0589M

Communication System: UID:10950 - AAB, 5G NR FR1 FDD; MAIA: Y; Frequency: 1745.0 MHz

Medium: 1750 Head; Medium parameters used:

$f = 1745.0$ MHz; $\text{cond} = 1.42$ S/m; $\text{perm} = 40.7$; $\text{density} = 1000$ kg/m³

Phantom Section: Left Head

Test Date: 10/26/2021; Ambient Temp: 24.6°C; Tissue Temp: 21.8°C

Probe: EX3DV4 - SN7406; ConvF:(8.26,8.26,8.26); Calibrated: 2021-07-20

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

Electronics: DAE4 Sn1676; Calibrated: 2021-06-21

Phantom: Twin-SAM V8.0; Serial: 2058

Measurement SW: DASY Module SAR V16.0.0.65

**Mode: NR Band n66 Antenna J, Left Head, Tilt, 40 MHz Bandwidth,
Ch. 349000, DFT-s-OFDM QPSK, 216 RB, 0 RB Offset**

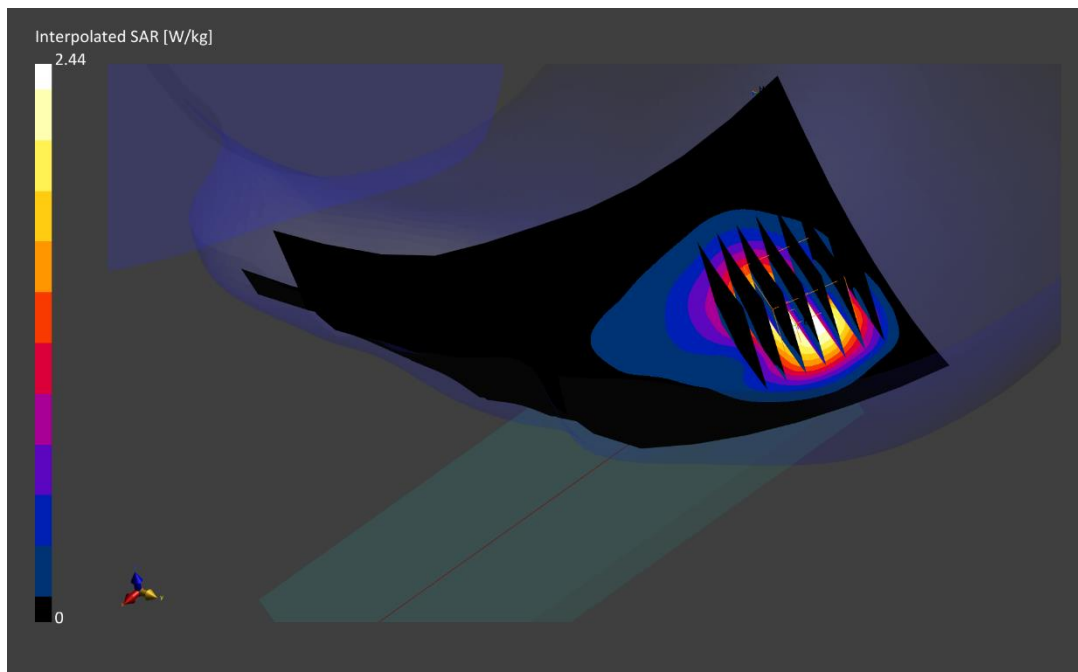
Area Scan (120.0 x 210.0): Measurement grid: $dx=15.0$ mm, $dy=15.0$ mm

Zoom Scan (30.0 x 30.0 x 30.0): Measurement grid: $dx=5.8$ mm, $dy=5.8$ mm, $dz=1.5$ mm; Graded Ratio: 1.5

Reference Value = 1.16 W/kg; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 2.44 W/kg

SAR(1 g) = 1.04 W/kg



PCTEST

DUT: A3LSMS908U; Type: Portable Handset; Serial: 0574M

Communication System: UID:10942 - AAB, 5G NR FR1 FDD; MAIA: Y; Frequency: 1882.5 MHz

Medium: 1900 Head; Medium parameters used:

$f = 1882.5$ MHz; $\text{cond} = 1.44$ S/m; $\text{perm} = 38.8$; $\text{density} = 1000$ kg/m³

Phantom Section: Left Head

Test Date: 10/20/2021; Ambient Temp: 23.6°C; Tissue Temp: 22.3°C

Probe: EX3DV4 - SN7406; ConvF:(7.98,7.98,7.98); Calibrated: 2021-07-20

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

Electronics: DAE4 Sn1676; Calibrated: 2021-06-21

Phantom: Twin-SAM V8.0; Serial: 2058

Measurement SW: DASY Module SAR V16.0.0.65

**Mode: NR Band n25 Antenna J, Left Head, Tilt, 40 MHz Bandwidth,
Ch. 376500, DFT-s-OFDM QPSK, 108 RB, 108 RB Offset**

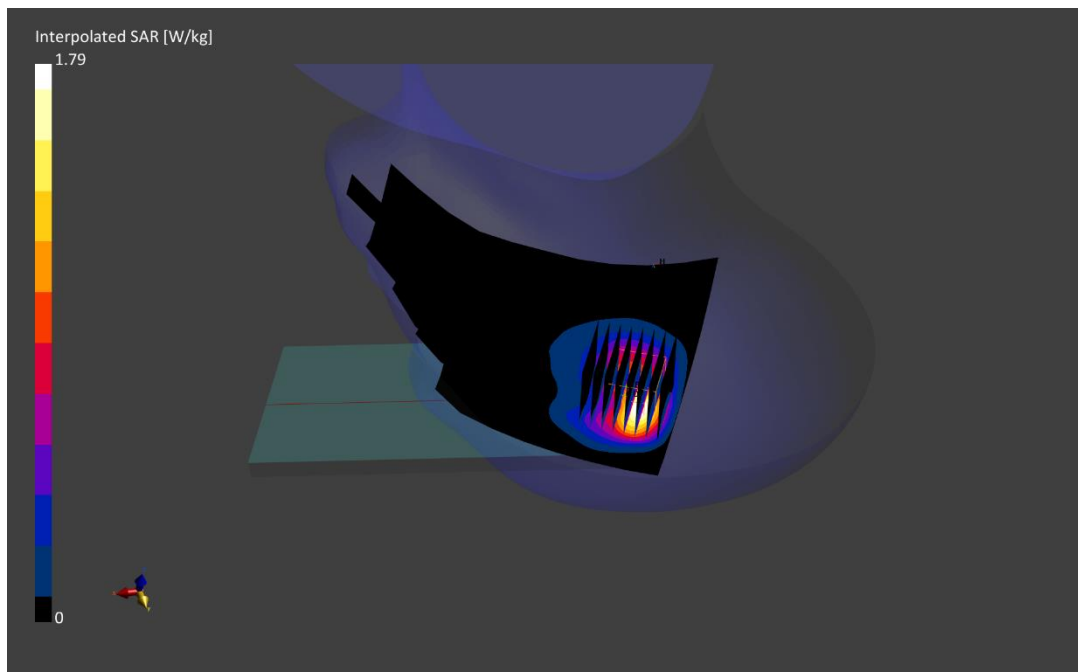
Area Scan (120.0 x 210.0): Measurement grid: $dx=15.0$ mm, $dy=15.0$ mm

Zoom Scan (30.0 x 30.0 x 30.0): Measurement grid: $dx=4.9$ mm, $dy=4.9$ mm, $dz=1.4$ mm; Graded Ratio: 1.4

Reference Value = 0.74 W/kg; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 1.79 W/kg

SAR(1 g) = 0.747 W/kg



PCTEST

DUT: A3LSMS908U; Type: Portable Handset; Serial: 0317M

Communication System: UID:10929 - AAB, 5G NR FR1 FDD; MAIA: Y; Frequency: 2310.0 MHz

Medium: 2450 Head; Medium parameters used:

$f = 2310.0$ MHz; $\text{cond} = 1.65$ S/m; $\text{perm} = 40.7$; $\text{density} = 1000$ kg/m³

Phantom Section: Left Head

Test Date: 10/27/2021; Ambient Temp: 22.5°C; Tissue Temp: 22.8°C

Probe: EX3DV4 - SN7660; ConvF:(8.66,8.66,8.66); Calibrated: 2021-06-28

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

Electronics: DAE4 Sn1677; Calibrated: 2021-06-22

Phantom: Twin-SAM V8.0; Serial: 2056

Measurement SW: DASY Module SAR V16.0.0.65

**Mode: NR Band n30 Antenna J, Left Head, Tilt, 10 MHz Bandwidth,
DFT-s-OFDM QPSK, Ch. 462000, 1 RB, 26 RB Offset**

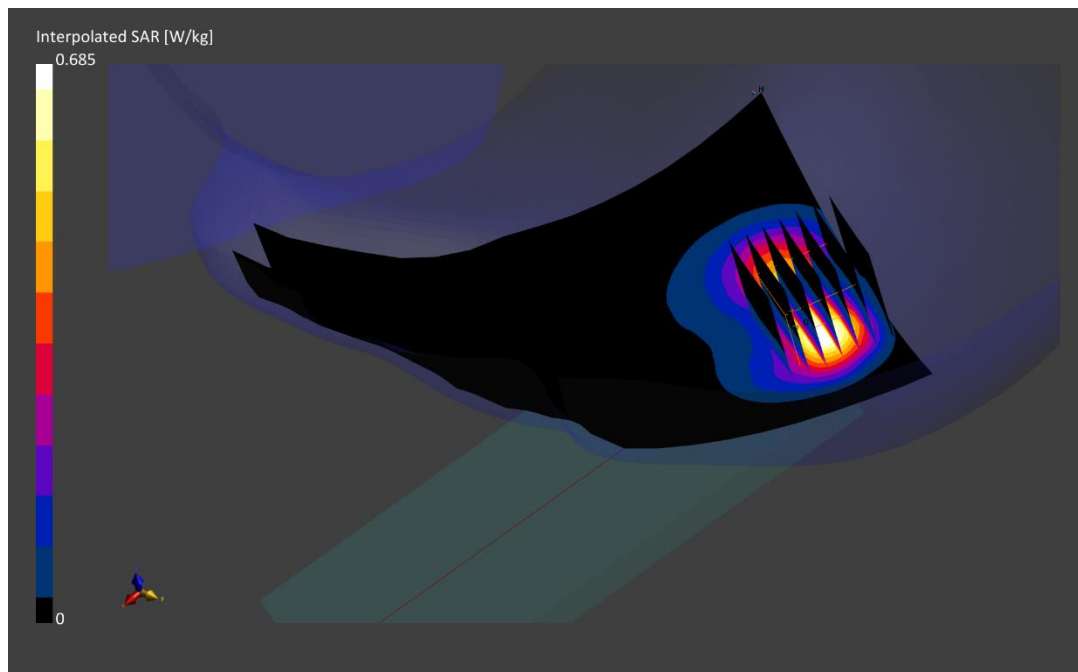
Area Scan (120.0 x 200.0): Measurement grid: $dx=10.0$ mm, $dy=10.0$ mm

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 = 0.63 W/kg; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 1.50 W/kg

SAR(1 g) = 0.570 W/kg



PCTEST

DUT: A3LSMS908U; Type: Portable Handset; Serial: 1145M

Communication System: UID:10934 - AAB, 5G NR FR1 FDD; MAIA: Y; Frequency: 2535.0 MHz

Medium: 2450 Head; Medium parameters used:

$f = 2535.0$ MHz; $\text{cond} = 1.96$ S/m; $\text{perm} = 38.3$; $\text{density} = 1000$ kg/m³

Phantom Section: Left Head

Test Date: 10/20/2021; Ambient Temp: 23.5°C; Tissue Temp: 23.0°C

Probe: EX3DV4 - SN7660; ConvF:(8.26,8.26,8.26); Calibrated: 2021-06-28

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

Electronics: DAE4 Sn1677; Calibrated: 2021-06-22

Phantom: Twin-SAM V8.0; Serial: 2056

Measurement SW: DASY Module SAR V16.0.0.65

**Mode: NR Band n7, Antenna B, Left Head, Tilt, 40 MHz Bandwidth,
DFT-s-OFDM QPSK, Ch. 507000, 1 RB, 1 RB Offset**

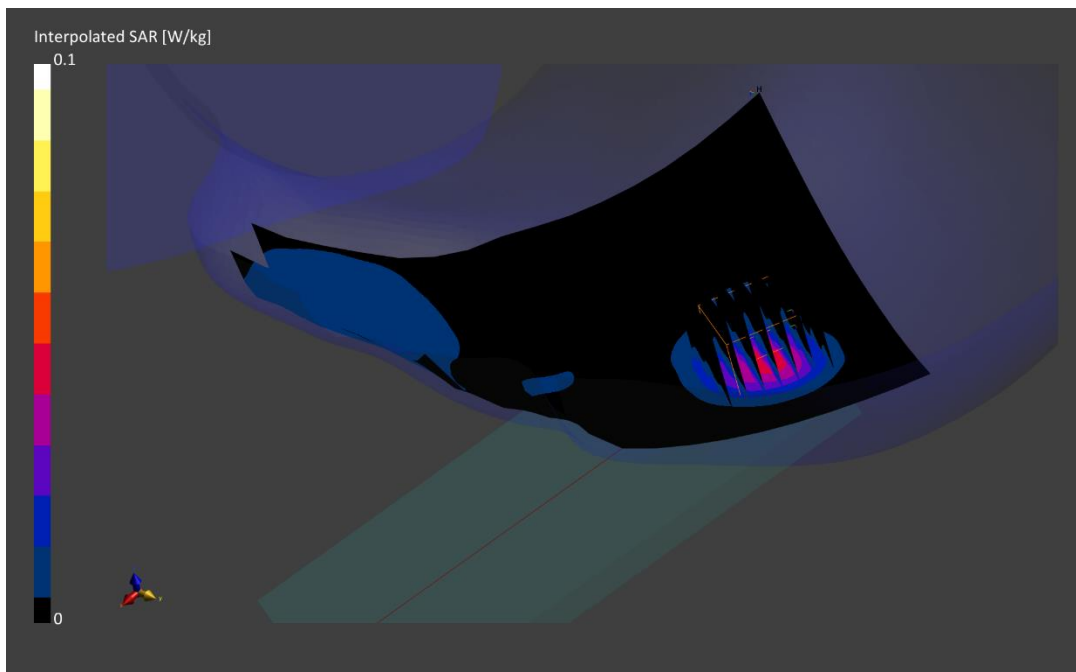
Area Scan (120.0 x 200.0): Measurement grid: $dx=10.0$ mm, $dy=10.0$ mm

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

Reference Value = 0.06 W/kg; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 0.095 W/kg

SAR(1 g) = 0.051 W/kg



PCTEST

DUT: A3LSMS908U; Type: Portable Handset; Serial: 0955M

Communication System: UID:10803 - AAD, 5G NR FR1 TDD; MAIA: Y; Frequency: 2593.0 MHz

Medium: 2450 Head; Medium parameters used:

$f = 2593.0$ MHz; $\text{cond} = 1.98$ S/m; $\text{perm} = 39.6$; $\text{density} = 1000$ kg/m³

Phantom Section: Left Head

Test Date: 10/27/2021; Ambient Temp: 22.5°C; Tissue Temp: 22.8°C

Probe: EX3DV4 - SN7660; ConvF:(8.26,8.26,8.26); Calibrated: 2021-06-28

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

Electronics: DAE4 Sn1677; Calibrated: 2021-06-22

Phantom: Twin-SAM V8.0; Serial: 2056

Measurement SW: DASY Module SAR V16.0.0.65

**Mode: NR Band n41 Antenna J, Left Head, Tilt, 100 MHz Bandwidth,
CP-OFDM, QPSK, Ch. 518598, 1 RB, 1 RB Offset**

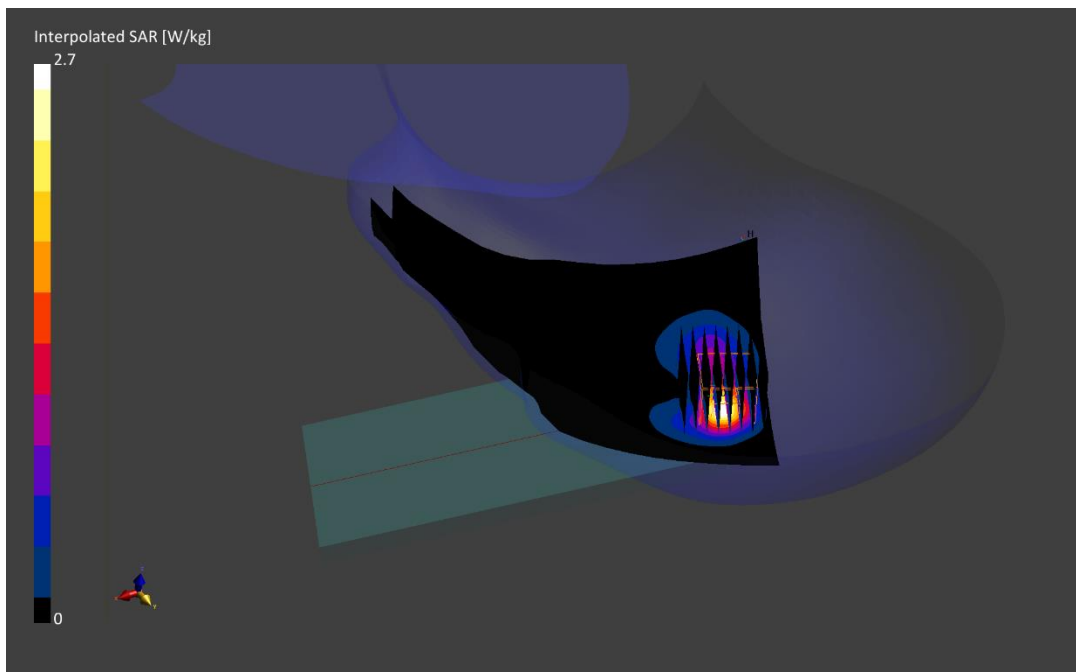
Area Scan (120.0 x 200.0): Measurement grid: $dx=10.0$ mm, $dy=10.0$ mm

Zoom Scan (30.0 x 30.0 x 30.0): Measurement grid: $dx=4.5$ mm, $dy=4.5$ mm, $dz=1.5$ mm; Graded Ratio: 1.5

Reference Value = 1.14 W/kg; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 2.70 W/kg

SAR(1 g) = 1.02 W/kg



PCTEST

DUT: A3LSMS908U; Type: Portable Handset; Serial: 0838M

Communication System: UID:0, CW; MAIA: Y; Frequency: 3500.0 MHz

Medium: 3600 Head; Medium parameters used:

$f = 3500.0$ MHz; $\text{cond} = 2.82$ S/m; $\text{perm} = 39.4$; $\text{density} = 1000$ kg/m³

Phantom Section: Right Head

Test Date: 10/22/2021; Ambient Temp: 24.3°C; Tissue Temp: 21.2°C

Probe: EX3DV4 - SN7670; ConvF:(7.14,7.14,7.14); Calibrated: 2021-08-05

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

Electronics: DAE4 Sn1681; Calibrated: 2021-08-03

Phantom: Twin-SAM V8.0; Serial: 1630

Measurement SW: DASY Module SAR V16.0.0.116

**Mode: NR Band n77 DoD, Antenna I, Right Head, Cheek,
100 MHz Bandwidth, Ch. 633334**

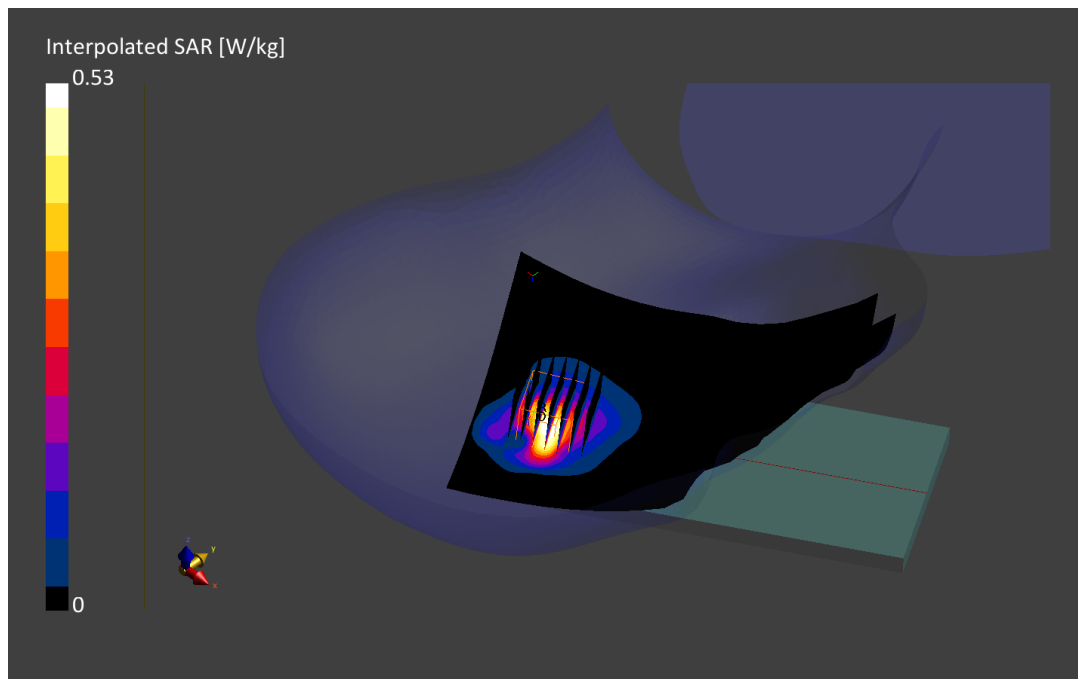
Area Scan (120.0 x 200.0): Measurement grid: $dx=10.0$ mm, $dy=10.0$ mm

Zoom Scan (28.0 x 28.0 x 28.0): Measurement grid: $dx=5.0$ mm, $dy=5.0$ mm, $dz=1.4$ mm; Graded Ratio: 1.5

Reference Value = 0.49 W/kg; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.983 W/kg

SAR(1 g) = 0.426 W/kg



PCTEST

DUT: A3LSMS908U; Type: Portable Handset; Serial: 0575M

Communication System: UID:10803 - AAD, 5G NR FR1 TDD; MAIA: Y; Frequency: 3930.0 MHz

Medium: 3600 Head; Medium parameters used:

$f = 3930.0$ MHz; $\text{cond} = 3.23$ S/m; $\text{perm} = 38.7$; $\text{density} = 1000$ kg/m³

Phantom Section: Right Head

Test Date: 10/20/2021; Ambient Temp: 22.7°C; Tissue Temp: 21.2°C

Probe: EX3DV4 - SN7670; ConvF:(6.5,6.5,6.5); Calibrated: 2021-08-05

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

Electronics: DAE4 Sn1681; Calibrated: 2021-08-03

Phantom: Twin-SAM V8.0; Serial: 1630

Measurement SW: DASY Module SAR V16.0.0.116

**Mode: NR Band n77 C-Band, Antenna F, Right Head, Cheek,
100 MHz Bandwidth, Ch. 662000, CP-OFDM QPSK, 1 RB, 1 RB Offset**

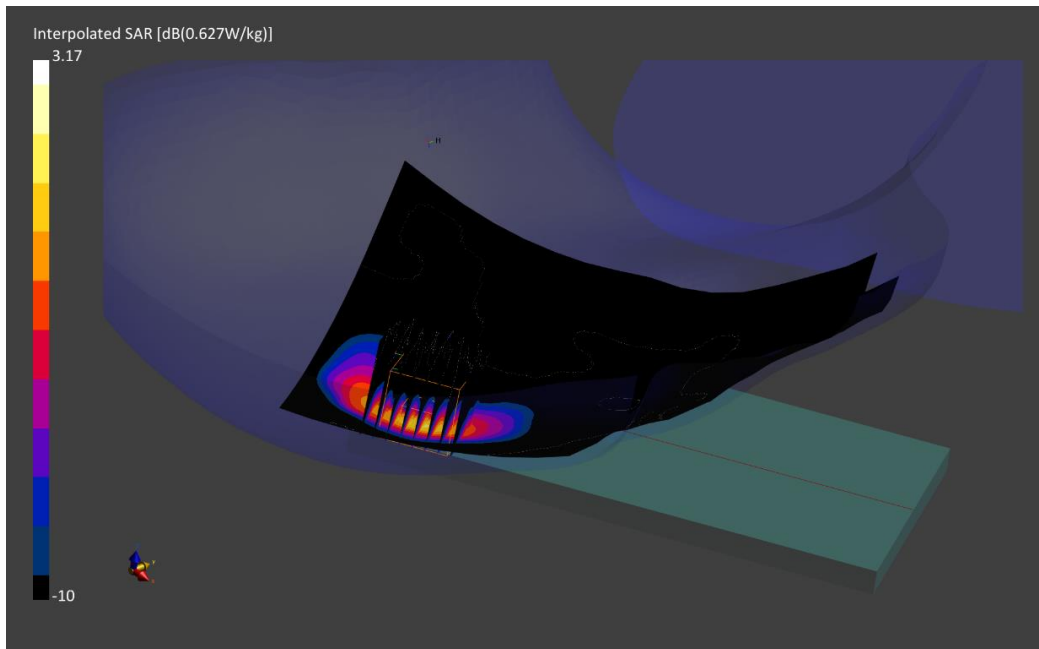
Area Scan (120.0 x 200.0): Measurement grid: $dx=10.0$ mm, $dy=10.0$ mm

Zoom Scan (28.0 x 28.0 x 28.0): Measurement grid: $dx=4.0$ mm, $dy=4.0$ mm, $dz=1.4$ mm; Graded Ratio: 1.5

Reference Value = 0.55 W/kg; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 1.30 W/kg

SAR(1 g) = 0.451 W/kg



PCTEST

DUT: A3LSMS908U; Type: Portable Handset; Serial: 0954M

Communication System: UID:10415 - AAA, WLAN; MAIA: Y; Frequency: 2412.0 MHz

Medium: 2450 Head; Medium parameters used:

$f = 2412.0$ MHz; $\text{cond} = 1.80$ S/m; $\text{perm} = 38.4$; $\text{density} = 1000$ kg/m³

Phantom Section: Left Head

Test Date: 10/24/2021; Ambient Temp: 21.0°C; Tissue Temp: 22.7°C

Probe: EX3DV4 - SN7637; ConvF:(8.69,8.69,8.69); Calibrated: 2021-03-03

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

Electronics: DAE4 Sn1652; Calibrated: 2021-03-01

Phantom: Twin-SAM V8.0; Serial: 1934

Measurement SW: DASY Module SAR V16.0.0.116

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

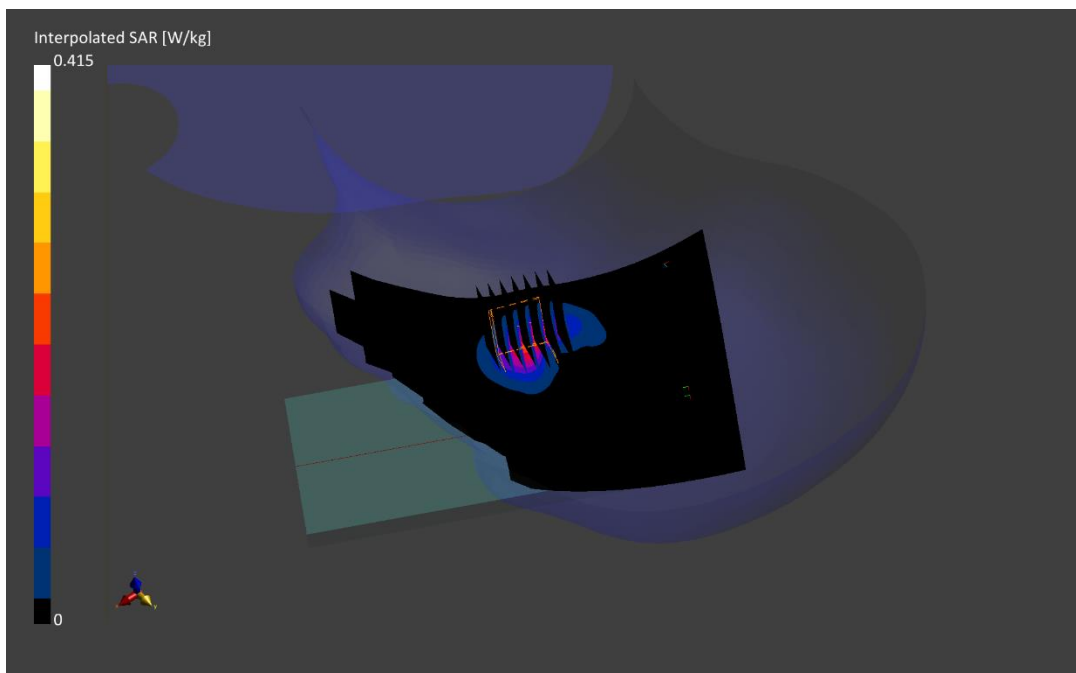
Area Scan (120.00 x 200.0): Measurement grid: $dx=10.0$ mm, $dy=10.0$ mm

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 = 0.16 W/kg; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 0.415 W/kg

SAR(1 g) = 0.177 W/kg



PCTEST

DUT: A3LSMS908U; Type: Portable Handset; Serial: 0990M

Communication System: UID:10626 - AAC, WLAN; MAIA: Y; Frequency: 5610.0 MHz

Medium: 5200-5800 Head; Medium parameters used:

$f = 5610.0$ MHz; $\text{cond} = 4.93$ S/m; $\text{perm} = 34.1$; $\text{density} = 1000$ kg/m³

Phantom Section: Right Head

Test Date: 10/24/2021; Ambient Temp: 19.3°C; Tissue Temp: 20.5°C

Probe: EX3DV4 - SN7526; ConvF:(4.92,4.92,4.92); Calibrated: 2021-03-16

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

Electronics: DAE4 Sn1272; Calibrated: 2021-03-18

Phantom: Twin-SAM V8.0; Serial: 2063

Measurement SW: DASY Module SAR V16.0.0.116

**Mode IEEE 802.11ac, U-NII-2C, MIMO, 80 MHz Bandwidth
Right Head, Cheek, Ch. 122, 58.5 Mbps**

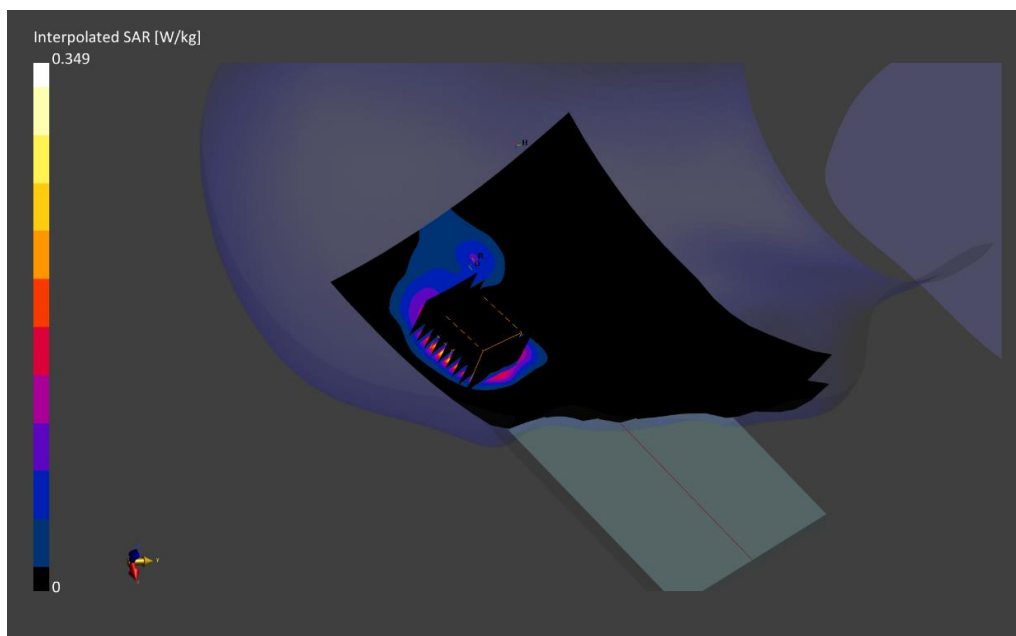
Area Scan (120.0 x 200.0): Measurement grid: $dx=10.0$ mm, $dy=10.0$ mm

Zoom Scan (22.0 x 22.0 x 22.0): Measurement grid: $dx=4.0$ mm, $dy=4.0$ mm, $dz=1.4$ mm; Graded Ratio: 1.4

Reference Value = 0.14 W/kg; Power Drift = 0.12 dB

Peak SAR (extrapolated) = 1.03 W/kg

SAR(1 g) = 0.224 W/kg



PCTEST

DUT: A3LSMS908U; Type: Portable Handset; Serial: 0954M

Communication System: UID:10032 - CAA, Bluetooth; MAIA: Y; Frequency: 2402.0 MHz

Medium: 2450 Head; Medium parameters used:

$f = 2402.0$ MHz; $\text{cond} = 1.80$ S/m; $\text{perm} = 37.9$; $\text{density} = 1000$ kg/m³

Phantom Section: Right Head

Test Date: 10/31/2021; Ambient Temp: 21.5°C; Tissue Temp: 21.4°C

Probe: EX3DV4 - SN7402; ConvF:(7.9,7.9,7.9); Calibrated: 2021-04-16

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

Electronics: DAE4 Sn1502; Calibrated: 2021-04-09

Phantom: Twin-SAM V5.0; Serial: 1868

Measurement SW: DASY Module SAR V16.0.0.116

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

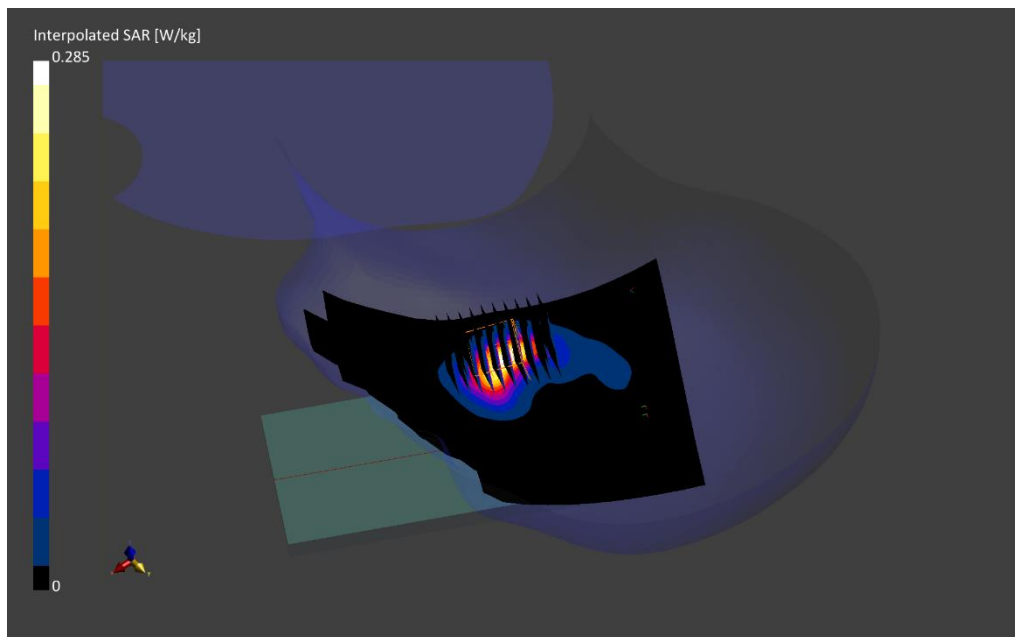
Area Scan (120.0 x 200.0): Measurement grid: $dx=10.0$ mm, $dy=10.0$ mm

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

Reference Value = 0.11 W/kg; Power Drift = 0.00 dB

Peak SAR (extrapolated) = 0.304 W/kg

SAR(1 g) = 0.127 W/kg



PCTEST

DUT: A3LSMS908U; Type: Portable Handset; Serial: 0418M

Communication System: UID 0, GSM; Frequency: 824.2 MHz; Duty Cycle: 1:8.3

Medium: 835 Body; Medium parameters used:

$f = 825 \text{ MHz}$; $\sigma = 1.011 \text{ S/m}$; $\epsilon_r = 54.808$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section; Space: 1.5 cm

Test Date: 09/27/2021; Ambient Temp: 20.5°C; Tissue Temp: 20.5°C

Probe: EX3DV4 - SN7565; ConvF(9.53, 9.53, 9.53) @ 824.2 MHz; Calibrated: 11/12/2020

Sensor-Surface: 1.4mm (Mechanical Surface Detection)

Electronics: DAE4 Sn1466; Calibrated: 11/06/2020

Phantom: Twin-SAM V5.0; Type: QD 000 P40 CD; Serial: 1626

Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7501)

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

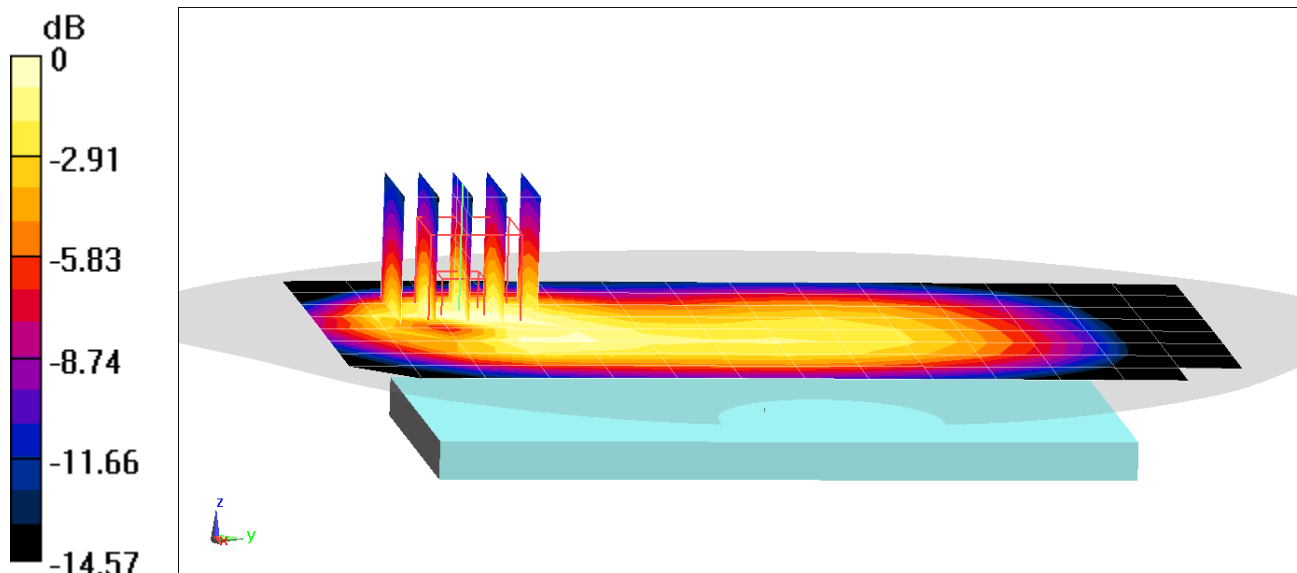
Area Scan (9x15x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 12.47 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 0.238 W/kg

SAR(1 g) = 0.145 W/kg



0 dB = 0.202 W/kg = -6.95 dBW/kg

PCTEST

DUT: A3LSMS908U; Type: Portable Handset; Serial: 0418M

Communication System: UID 0, _GSM GPRS; 3 Tx slots; Frequency: 848.8 MHz; Duty Cycle: 1:2.76

Medium: 835 Body; Medium parameters used (interpolated):

$f = 848.8 \text{ MHz}$; $\sigma = 1.021 \text{ S/m}$; $\epsilon_r = 54.738$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section; Space: 1.0 cm

Test Date: 09/27/2021; Ambient Temp: 20.5°C; Tissue Temp: 20.5°C

Probe: EX3DV4 - SN7565; ConvF(9.53, 9.53, 9.53) @ 848.8 MHz; Calibrated: 11/12/2020

Sensor-Surface: 1.4mm (Mechanical Surface Detection)

Electronics: DAE4 Sn1466; Calibrated: 11/6/2020

Phantom: Twin-SAM V5.0; Type: QD 000 P40 CD; Serial: 1626

Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7501)

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

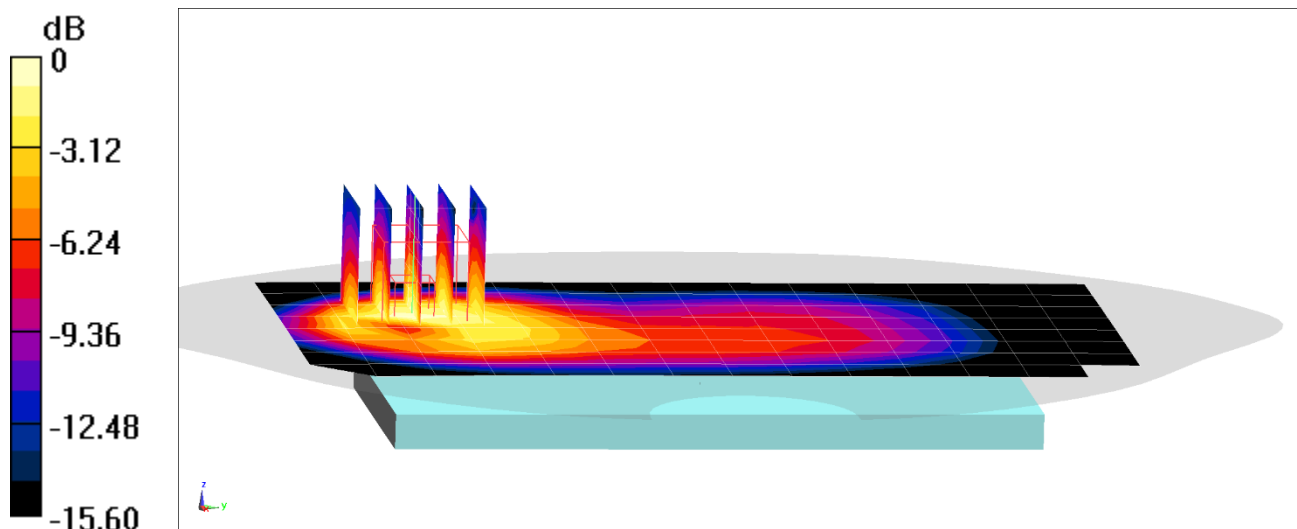
Area Scan (9x15x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Zoom Scan 1 (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 32.11 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 1.68 W/kg

SAR(1 g) = 0.973 W/kg



0 dB = 1.42 W/kg = 1.52 dBW/kg

PCTEST

DUT: A3LSMS908U; Type: Portable Handset; Serial: 1246M

Communication System: UID 0, GSM; Frequency: 1909.8 MHz; Duty Cycle: 1:8.3

Medium: 1900 Body; Medium parameters used:

$f = 1910 \text{ MHz}$; $\sigma = 1.572 \text{ S/m}$; $\epsilon_r = 50.71$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section; Space: 1.5 cm

Test Date: 09/28/2021; Ambient Temp: 23.5°C; Tissue Temp: 19.4°C

Probe: EX3DV4 - SN7409; ConvF(7.68, 7.68, 7.68) @ 1909.8 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; Type: QD 000 P40 CD; Serial: 1759

Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7495)

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

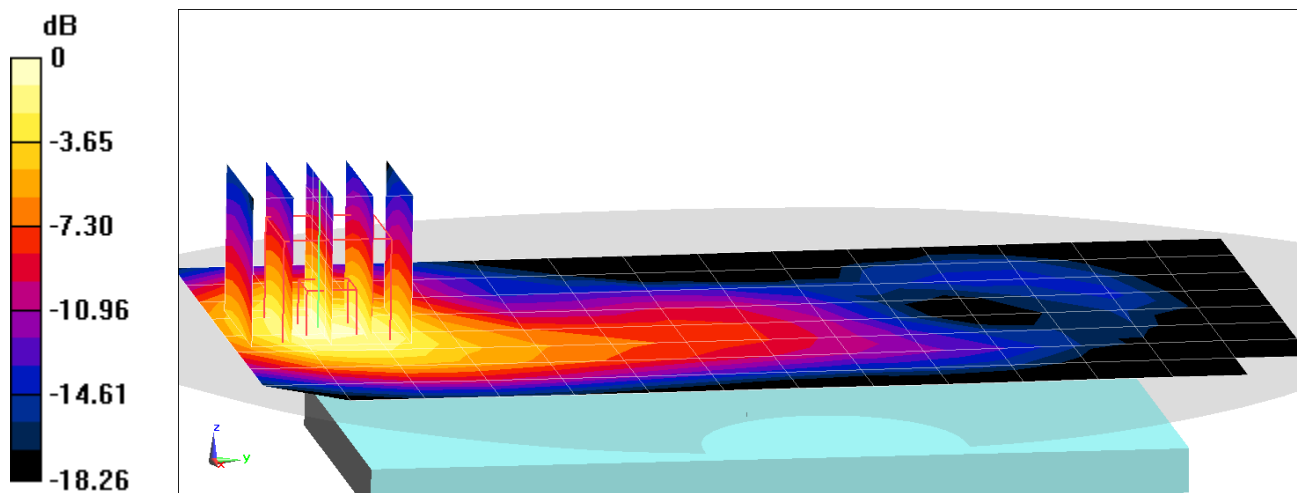
Area Scan (9x15x1): Measurement grid: dx=15mm, dy=15mm

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

Reference Value = 14.04 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 0.496 W/kg

SAR(1 g) = 0.287 W/kg



0 dB = 0.418 W/kg = -3.79 dBW/kg

PCTEST

DUT: A3LSMS908U; Type: Portable Handset; Serial: 1246M

Communication System: UID 0, GSM GPRS; 4 Tx slots; Frequency: 1909.8 MHz; Duty Cycle: 1:2.076

Medium: 1900 Body; Medium parameters used:

$f = 1910 \text{ MHz}$; $\sigma = 1.572 \text{ S/m}$; $\epsilon_r = 50.71$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section; Space: 1.0 cm

Test Date: 09/28/2021; Ambient Temp: 23.5°C; Tissue Temp: 19.4°C

Probe: EX3DV4 - SN7409; ConvF(7.68, 7.68, 7.68) @ 1909.8 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; Type: QD 000 P40 CD; Serial: 1759

Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7495)

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

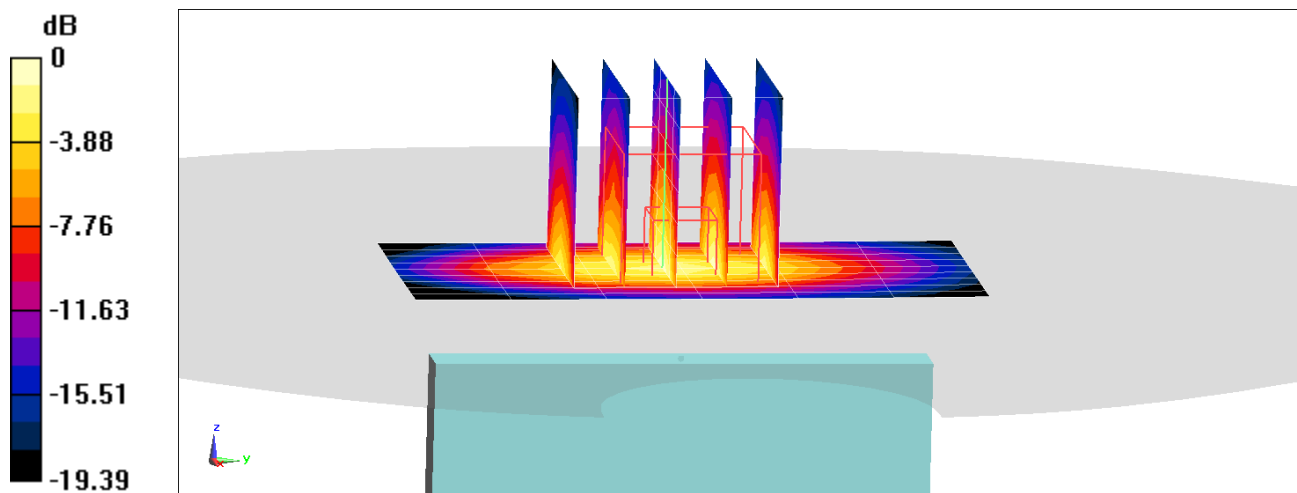
Area Scan (10x7x1): Measurement grid: dx=5mm, dy=15mm

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

Reference Value = 23.73 V/m; Power Drift = -0.13 dB

Peak SAR (extrapolated) = 1.52 W/kg

SAR(1 g) = 0.793 W/kg



0 dB = 1.24 W/kg = 0.93 dBW/kg

PCTEST

DUT: A3LSMS908U; Type: Portable Handset; Serial: 0418M

Communication System: UID 0, UMTS; Frequency: 846.6 MHz; Duty Cycle: 1:1

Medium: 835 Body; Medium parameters used (interpolated):

$f = 846.6$ MHz; $\sigma = 1.016$ S/m; $\epsilon_r = 52.794$; $\rho = 1000$ kg/m³

Phantom section: Flat Section; Space: 1.5 cm

Test Date: 09/29/2021; Ambient Temp: 21.9°C; Tissue Temp: 21.5°C

Probe: EX3DV4 - SN7402; ConvF(10.04, 10.04, 10.04) @ 846.6 MHz; Calibrated: 04/16/2021

Sensor-Surface: 1.4mm (Mechanical Surface Detection)

Electronics: DAE4 Sn1502; Calibrated: 04/09/2021

Phantom: Twin-SAM V5.0; Type: QD 000 P40 CD; Serial: 1868

Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

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

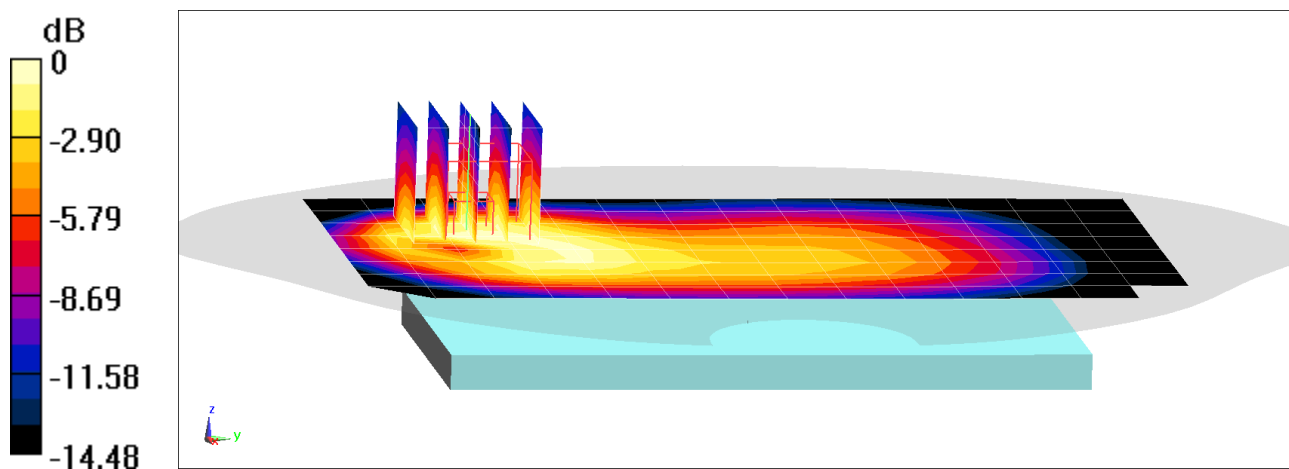
Area Scan (9x15x1): Measurement grid: dx=15mm, dy=15mm

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

Reference Value = 17.53 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.471 W/kg

SAR(1 g) = 0.288 W/kg



0 dB = 0.406 W/kg = -3.91 dBW/kg

PCTEST

DUT: A3LSMS908U; Type: Portable Handset; Serial: 0418M

Communication System: UID 0, UMTS; Frequency: 846.6 MHz; Duty Cycle: 1:1

Medium: 835 Body; Medium parameters used (interpolated):

$f = 846.6$ MHz; $\sigma = 1.016$ S/m; $\epsilon_r = 52.794$; $\rho = 1000$ kg/m³

Phantom section: Flat Section; Space: 1.0 cm

Test Date: 09/29/2021; Ambient Temp: 21.9°C; Tissue Temp: 21.5°C

Probe: EX3DV4 - SN7402; ConvF(10.04, 10.04, 10.04) @ 846.6 MHz; Calibrated: 4/16/2021

Sensor-Surface: 1.4mm (Mechanical Surface Detection)

Electronics: DAE4 Sn1502; Calibrated: 4/9/2021

Phantom: Twin-SAM V5.0; Type: QD 000 P40 CD; Serial: 1868

Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7501)

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

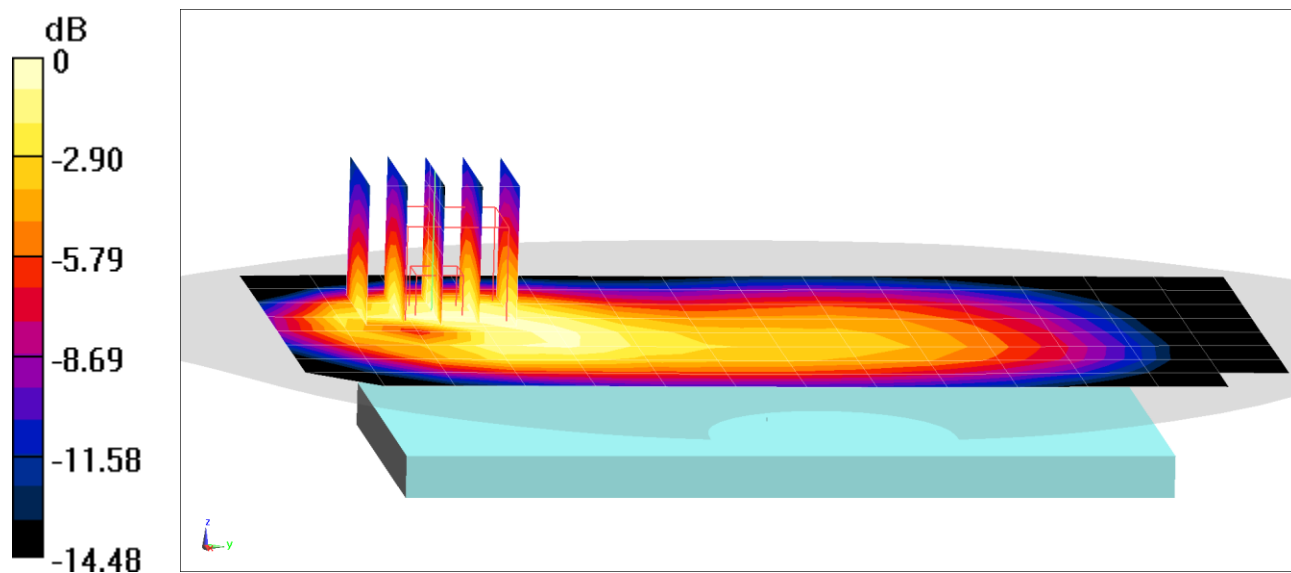
Area Scan (9x15x1): Measurement grid: dx=15mm, dy=15mm

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

Reference Value = 24.85 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 1.02 W/kg

SAR(1 g) = 0.587 W/kg



0 dB = 0.406 W/kg = -3.91 dBW/kg

PCTEST

DUT: A3LSMS908U; Type: Portable Handset; Serial: 1258M

Communication System: UID 0, UMTS; Frequency: 1712.4 MHz; Duty Cycle: 1:1

Medium: 1750 Body; Medium parameters used (interpolated):

$f = 1712.4 \text{ MHz}$; $\sigma = 1.455 \text{ S/m}$; $\epsilon_r = 52.384$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section; Space: 1.5 cm

Test Date: 09/21/2021; Ambient Temp: 23.5°C; Tissue Temp: 21.7°C

Probe: EX3DV4 - SN7357; ConvF(8.12, 8.12, 8.12) @ 1712.4 MHz; Calibrated: 4/19/2021

Sensor-Surface: 1.4mm (Mechanical Surface Detection)

Electronics: DAE4 Sn1407; Calibrated: 4/7/2021

Phantom: Twin-SAM V5.0 Front; Type: QD 000 P40 CD; Serial: 1686

Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7495)

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

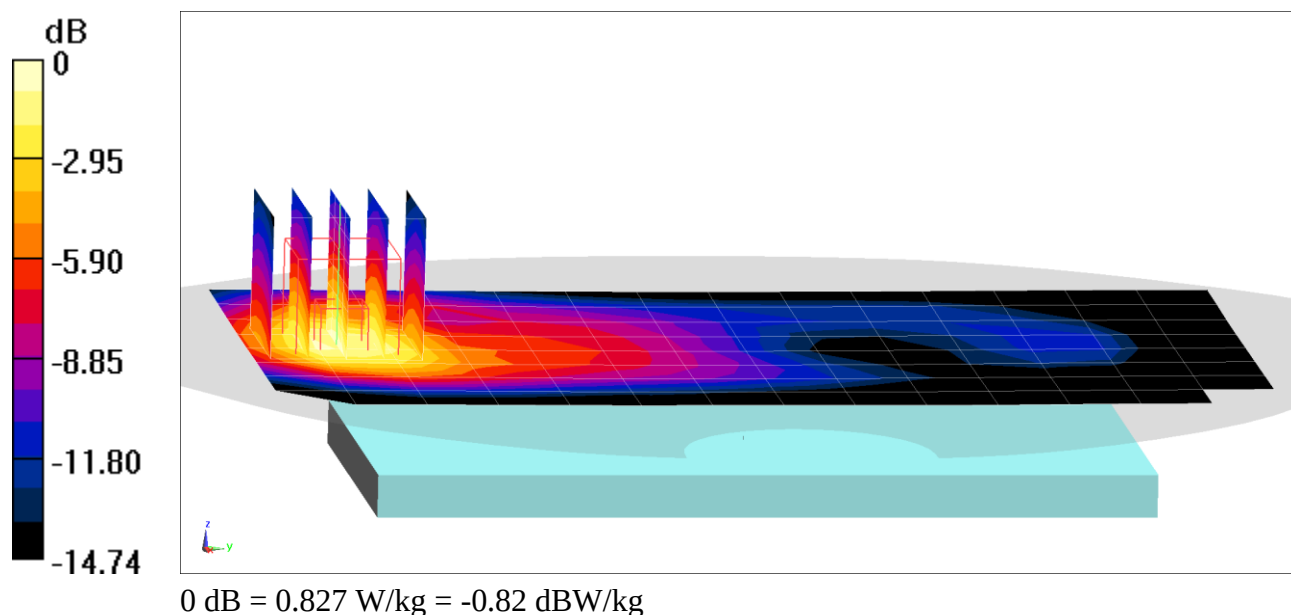
Area Scan (9x15x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 21.16 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 0.947 W/kg

SAR(1 g) = 0.595 W/kg



PCTEST

DUT: A3LSMS908U; Type: Portable Handset; Serial: 1258M

Communication System: UID 0, UMTS; Frequency: 1732.4 MHz; Duty Cycle: 1:1

Medium: 1750 Body; Medium parameters used (interpolated):

$f = 1732.4$ MHz; $\sigma = 1.48$ S/m; $\epsilon_r = 52.805$; $\rho = 1000$ kg/m³

Phantom section: Flat Section; Space: 1.0 cm

Test Date: 09/28/2021; Ambient Temp: 24.6°C; Tissue Temp: 21.8°C

Probe: EX3DV4 - SN7357; ConvF(8.12, 8.12, 8.12) @ 1732.4 MHz; Calibrated: 4/19/2021

Sensor-Surface: 1.4mm (Mechanical Surface Detection)

Electronics: DAE4 Sn1407; Calibrated: 4/7/2021

Phantom: Twin-SAM V5.0 Front; Type: QD 000 P40 CD; Serial: 1686

Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7495)

Mode: UMTS 1750, Body SAR, Bottom Edge, Mid.ch

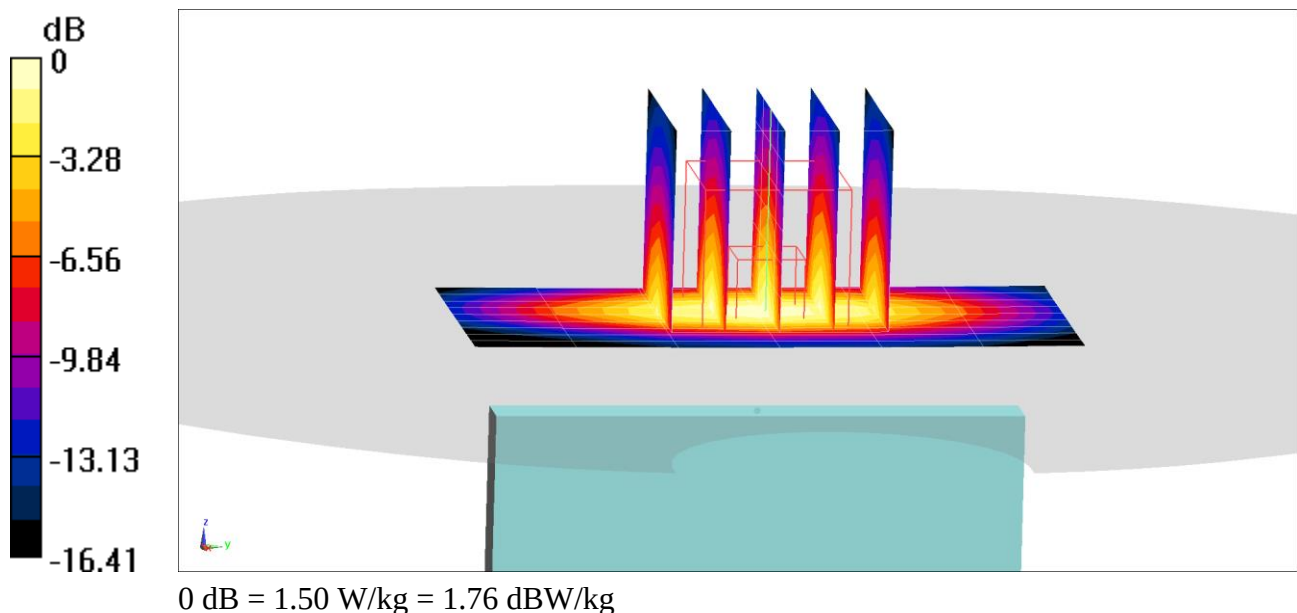
Area Scan (10x7x1): Measurement grid: dx=5mm, dy=15mm

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

Reference Value = 27.97 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 1.80 W/kg

SAR(1 g) = 1.03 W/kg



PCTEST

DUT: A3LSMS908U; Type: Portable Handset; Serial: 1246M

Communication System: UID:10011 - CAB, WCDMA; MAIA: Y; Frequency: 1907.6 MHz

Medium: 1900 Body; Medium parameters used:

$f = 1907.6 \text{ MHz}$; $\text{cond} = 1.54 \text{ S/m}$; $\text{perm} = 51.2$; $\text{density} = 1000 \text{ kg/m}^3$

Phantom Section: Flat; Space: 15.00 mm

Test Date: 10/12/2021; Ambient Temp: 21.9°C; Tissue Temp: 21.5°C

Probe: EX3DV4 - SN7659; ConvF:(9.07,9.07,9.07); Calibrated: 2021-06-29

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

Electronics: DAE4 Sn1678; Calibrated: 2021-06-21

Phantom: Twin-SAM V8.0; Serial: 2060

Measurement SW: DASY Module SAR V16.0.0.65

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

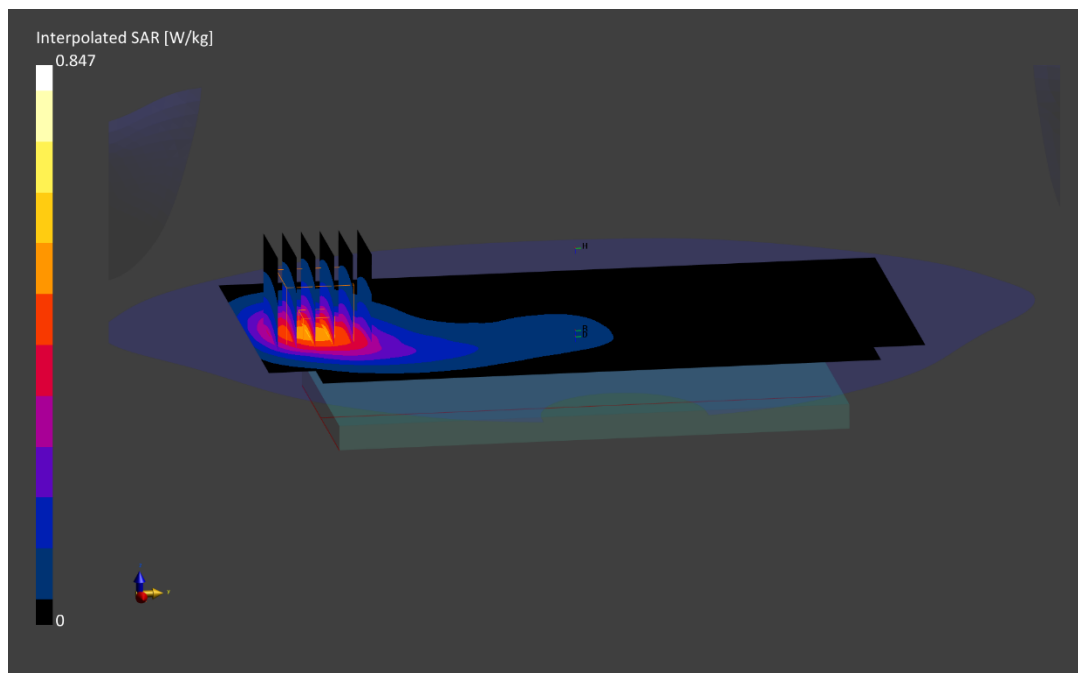
Area Scan (120.0 x 210.0): Measurement grid: $dx=15.0 \text{ mm}$, $dy=15.0 \text{ mm}$

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

Reference Value = 0.57 W/kg; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 0.847 W/kg

SAR(1 g) = 0.513 W/kg



PCTEST

DUT: A3LSMS908U; Type: Portable Handset; Serial: 1246M

Communication System: UID:10011 - CAB, WCDMA; MAIA: Y; Frequency: 1907.6 MHz

Medium: 1900 Body; Medium parameters used:

$f = 1907.6$ MHz; $\text{cond} = 1.54$ S/m; $\text{perm} = 51.2$; $\text{density} = 1000$ kg/m³

Phantom Section: Flat; Space: 10.00 mm

Test Date: 10/12/2021; Ambient Temp: 21.9°C; Tissue Temp: 21.5°C

Probe: EX3DV4 - SN7659; ConvF:(9.07,9.07,9.07); Calibrated: 2021-06-29

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

Electronics: DAE4 Sn1678; Calibrated: 2021-06-21

Phantom: Twin-SAM V8.0; Serial: 2060

Measurement SW: DASY Module SAR V16.0.0.65

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

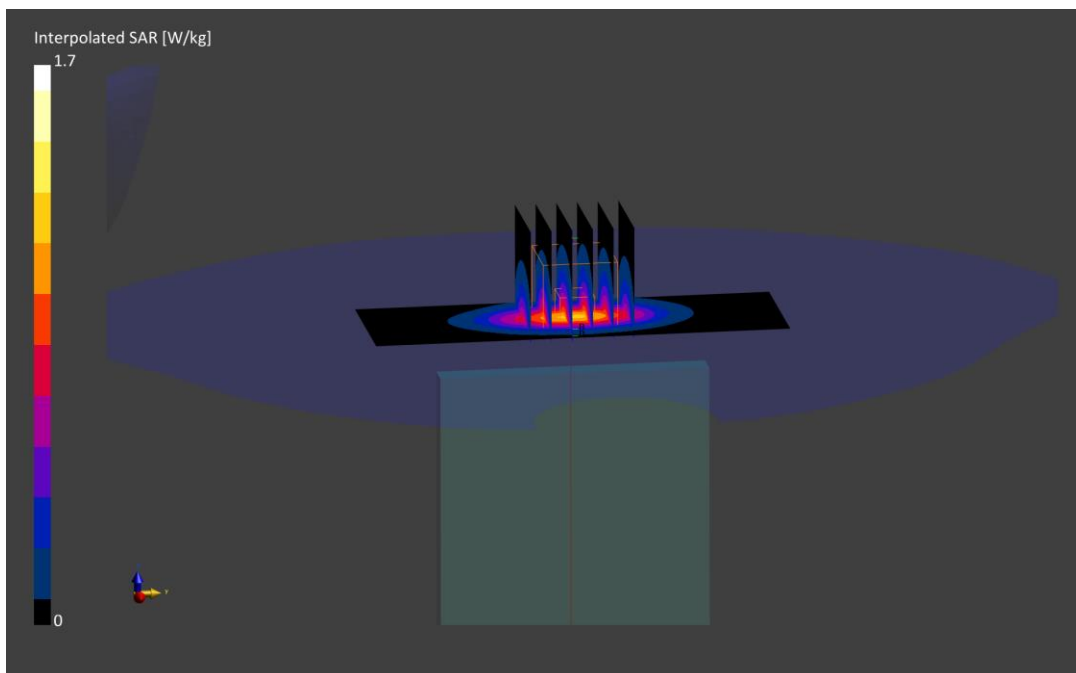
Area Scan (40.0 x 120.0): Measurement grid: $dx=5.0$ mm, $dy=15.0$ mm

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 = 1.18 W/kg; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 1.71 W/kg

SAR(1 g) = 0.940 W/kg



PCTEST

DUT: A3LSMS908U; Type: Portable Handset; Serial: 0352M

Communication System: UID 0, LTE Band 71; Frequency: 680.5 MHz; Duty Cycle: 1:1

Medium: 750 Body; Medium parameters used (interpolated):

$f = 680.5 \text{ MHz}$; $\sigma = 0.95 \text{ S/m}$; $\epsilon_r = 53.98$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section; Space: 1.5 cm

Test Date: 10/13/2021; Ambient Temp: 20.9°C; Tissue Temp: 21.0°C

Probe: EX3DV4 - SN7565; ConvF(9.77, 9.77, 9.77) @ 680.5 MHz; Calibrated: 11/12/2020

Sensor-Surface: 1.4mm (Mechanical Surface Detection)

Electronics: DAE4 Sn1466; Calibrated: 11/6/2020

Phantom: Twin-SAM V5.0; Type: QD 000 P40 CD; Serial: 1626

Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

**Mode: LTE Band 71, Body SAR, Back side, Mid.ch,
20 MHz Bandwidth, QPSK, 1 RB, 0 RB Offset**

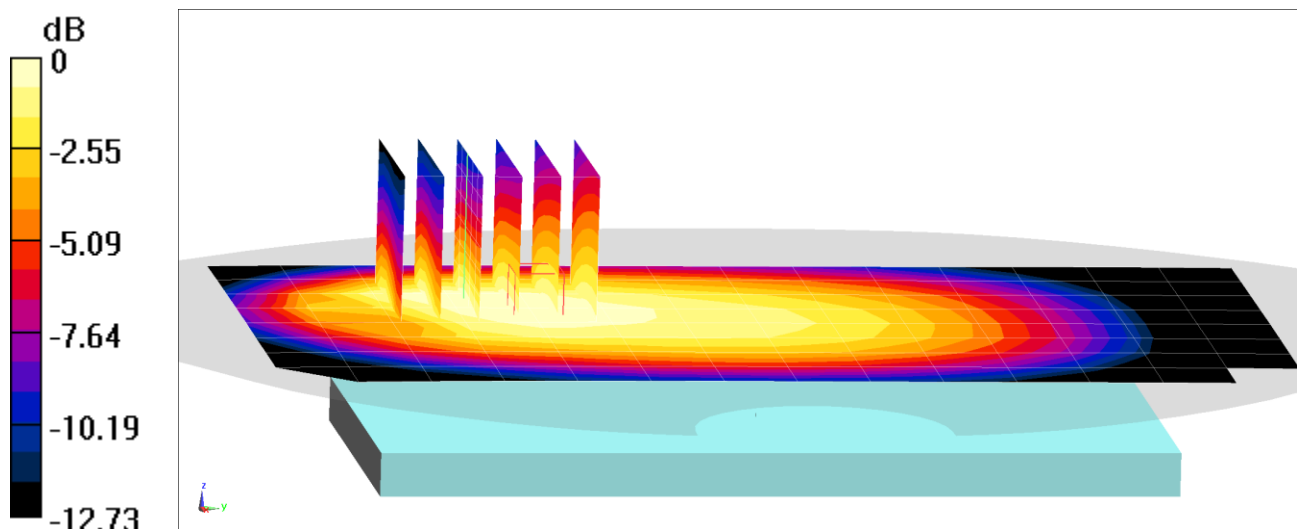
Area Scan (9x15x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Zoom Scan (6x6x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 15.47 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.329 W/kg

SAR(1 g) = 0.227 W/kg



0 dB = 0.288 W/kg = -5.41 dBW/kg

PCTEST

DUT: A3LSMS908U; Type: Portable Handset; Serial: 0352M

Communication System: UID 0, LTE Band 71; Frequency: 680.5 MHz; Duty Cycle: 1:1

Medium: 750 Body; Medium parameters used (interpolated):

$f = 680.5 \text{ MHz}$; $\sigma = 0.966 \text{ S/m}$; $\epsilon_r = 53.064$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section; Space: 1.0 cm

Test Date: 10/15/2021; Ambient Temp: 20.5°C; Tissue Temp: 21.0°C

Probe: EX3DV4 - SN7565; ConvF(9.77, 9.77, 9.77) @ 680.5 MHz; Calibrated: 11/12/2020

Sensor-Surface: 1.4mm (Mechanical Surface Detection)

Electronics: DAE4 Sn1466; Calibrated: 11/6/2020

Phantom: Twin-SAM V5.0; Type: QD 000 P40 CD; Serial: 1626

Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7501)

**Mode: LTE Band 71, Body SAR, Back side, Mid.ch,
20 MHz Bandwidth, QPSK, 1 RB, 0 RB Offset**

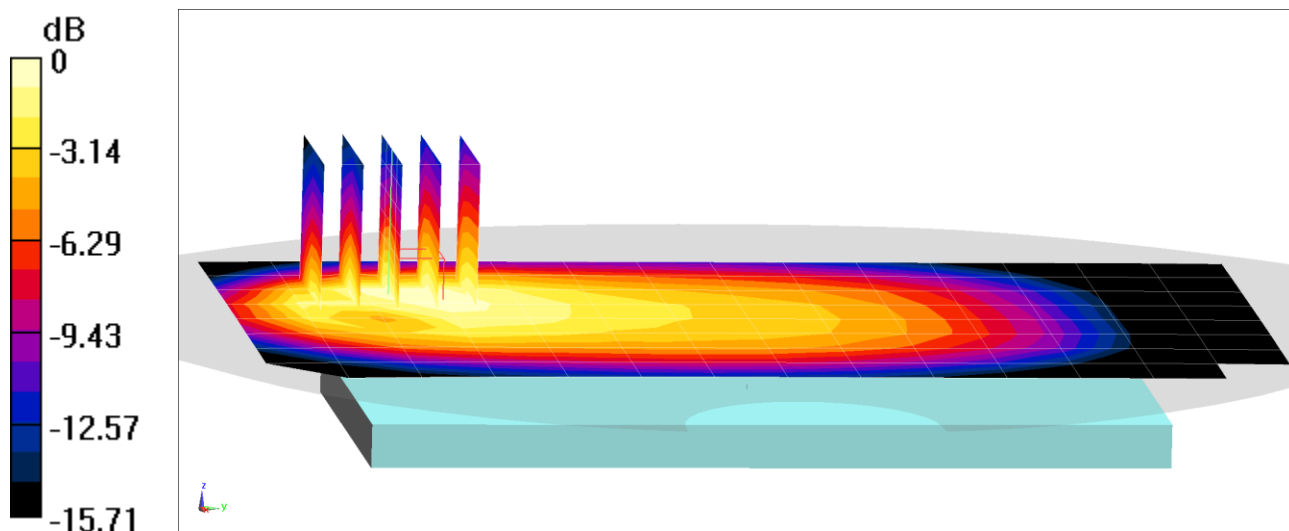
Area Scan (9x15x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 19.21 V/m; Power Drift = -0.17 dB

Peak SAR (extrapolated) = 0.586 W/kg

SAR(1 g) = 0.342 W/kg



0 dB = 0.486 W/kg = -3.13 dBW/kg

PCTEST

DUT: A3LSMS908U; Type: Portable Handset; Serial: 0352M

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; $\sigma = 0.959$ S/m; $\epsilon_r = 53.908$; $\rho = 1000$ kg/m³

Phantom section: Flat Section; Space: 1.5 cm

Test Date: 10/13/2021; Ambient Temp: 20.9°C; Tissue Temp: 21.0°C

Probe: EX3DV4 - SN7565; ConvF(9.77, 9.77, 9.77) @ 707.5 MHz; Calibrated: 11/12/2020

Sensor-Surface: 1.4mm (Mechanical Surface Detection)

Electronics: DAE4 Sn1466; Calibrated: 11/6/2020

Phantom: Twin-SAM V5.0; Type: QD 000 P40 CD; Serial: 1626

Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7501)

**Mode: LTE Band 12, Body SAR, Back side, Mid.ch,
10 MHz Bandwidth, QPSK, 1 RB, 0 RB Offset**

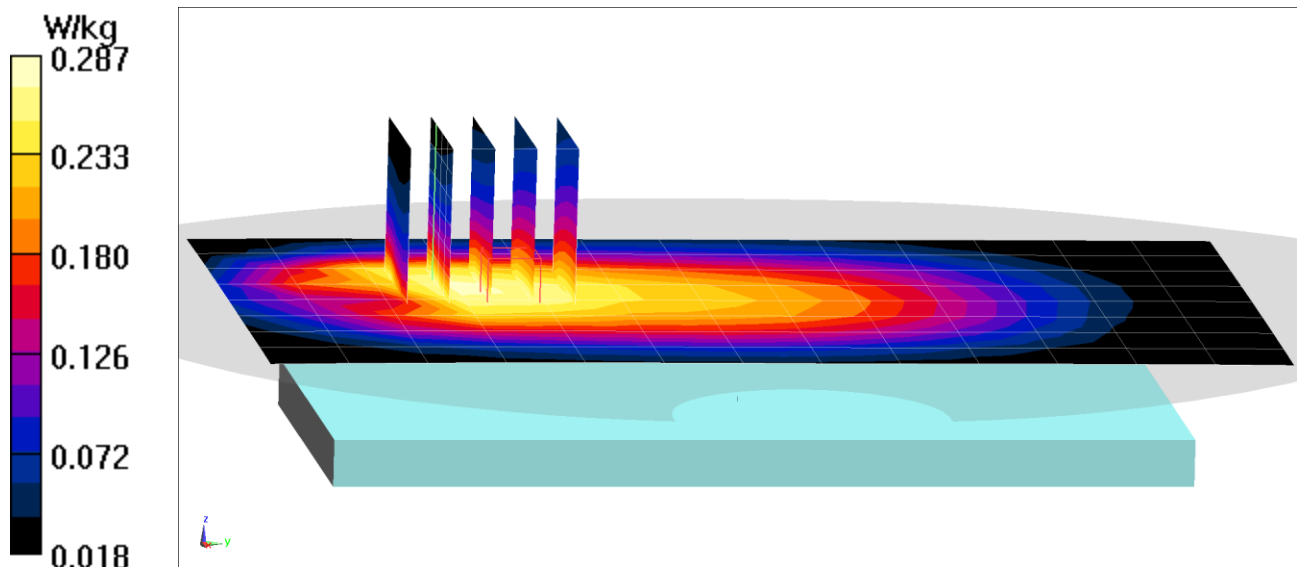
Area Scan (9x14x1): Measurement grid: dx=15mm, dy=15mm

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

Reference Value = 15.69 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 0.328 W/kg

SAR(1 g) = 0.230 W/kg



PCTEST

DUT: A3LSMS908U; Type: Portable Handset; Serial: 0352M

Communication System: UID 0, LTE Band 12; Frequency: 707.5 MHz; Duty Cycle: 1:1

Medium: 750 Body; Medium parameters used (interpolated):

$f = 707.5 \text{ MHz}$; $\sigma = 0.959 \text{ S/m}$; $\epsilon_r = 53.908$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section; Space: 1.0 cm

Test Date: 10/13/2021; Ambient Temp: 20.9°C; Tissue Temp: 21.0°C

Probe: EX3DV4 - SN7565; ConvF(9.77, 9.77, 9.77) @ 707.5 MHz; Calibrated: 11/12/2020

Sensor-Surface: 1.4mm (Mechanical Surface Detection)

Electronics: DAE4 Sn1466; Calibrated: 11/6/2020

Phantom: Twin-SAM V5.0; Type: QD 000 P40 CD; Serial: 1626

Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7501)

**Mode: LTE Band 12, Body SAR, Back side, Mid.ch,
10 MHz Bandwidth, QPSK, 1 RB, 0 RB Offset**

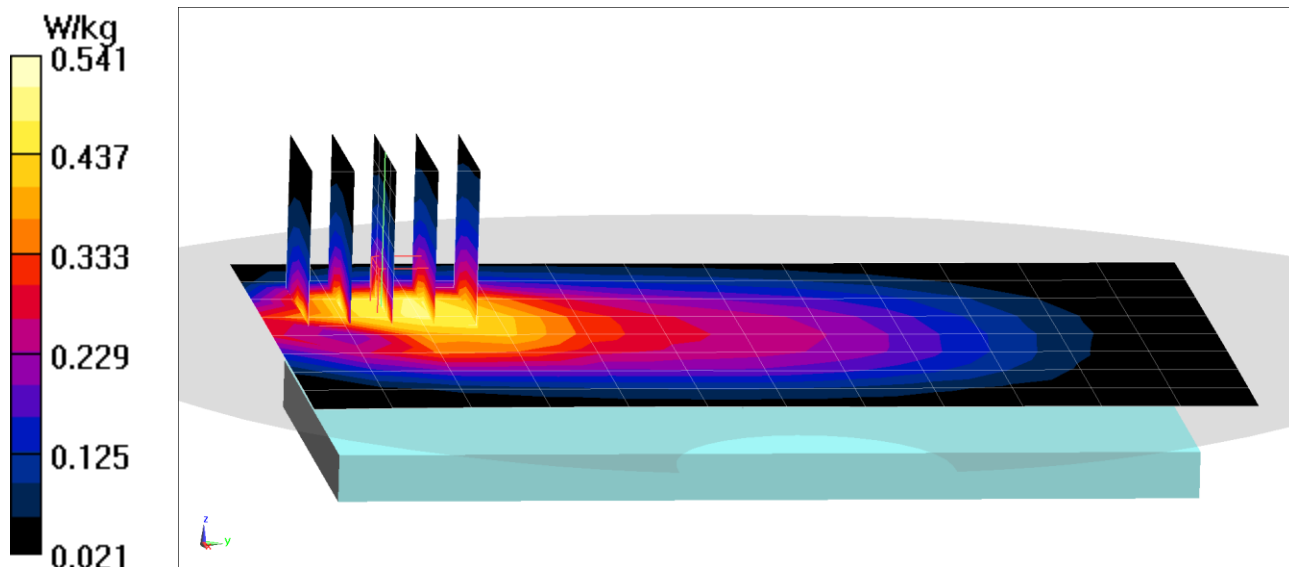
Area Scan (9x13x1): Measurement grid: dx=15mm, dy=15mm

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

Reference Value = 20.65 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 0.638 W/kg

SAR(1 g) = 0.380 W/kg



PCTEST

DUT: A3LSMS908U; Type: Portable Handset; Serial: 0352M

Communication System: UID 0, LTE Band 13; Frequency: 782 MHz; Duty Cycle: 1:1

Medium: 750 Body; Medium parameters used (interpolated):

$f = 782 \text{ MHz}$; $\sigma = 0.989 \text{ S/m}$; $\epsilon_r = 54.26$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section; Space: 1.5 cm

Test Date: 10/11/2021; Ambient Temp: 20.5°C; Tissue Temp: 21.0°C

Probe: EX3DV4 - SN7565; ConvF(9.77, 9.77, 9.77) @ 782 MHz; Calibrated: 11/12/2020

Sensor-Surface: 1.4mm (Mechanical Surface Detection)

Electronics: DAE4 Sn1466; Calibrated: 11/6/2020

Phantom: Twin-SAM V5.0; Type: QD 000 P40 CD; Serial: 1626

Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7495)

**Mode: LTE Band 13, Body SAR, Back side, Mid.ch,
10 MHz Bandwidth, QPSK, 1 RB, 49 RB Offset**

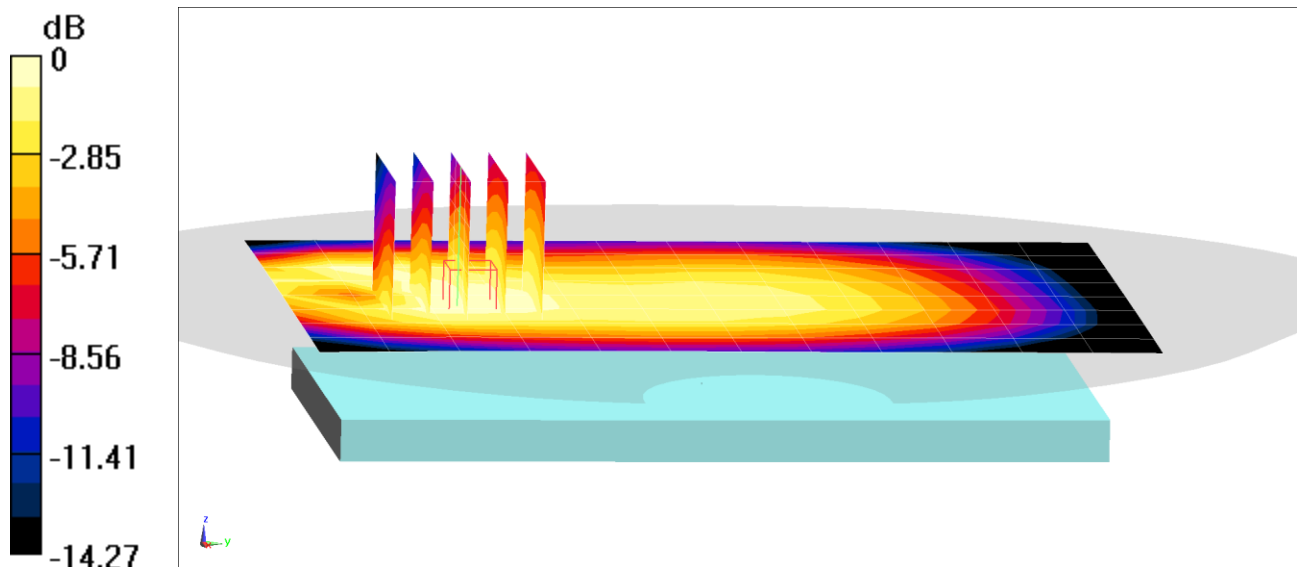
Area Scan (9x13x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 18.21 V/m; Power Drift = -0.14 dB

Peak SAR (extrapolated) = 0.411 W/kg

SAR(1 g) = 0.304 W/kg



0 dB = 0.374 W/kg = -4.27 dBW/kg

PCTEST

DUT: A3LSMS908U; Type: Portable Handset; Serial: 0352M

Communication System: UID 0, LTE Band 13; Frequency: 782 MHz; Duty Cycle: 1:1

Medium: 750 Body; Medium parameters used (interpolated):

$f = 782 \text{ MHz}$; $\sigma = 0.989 \text{ S/m}$; $\epsilon_r = 54.26$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section; Space: 1.0 cm

Test Date: 10/11/2021; Ambient Temp: 20.5°C; Tissue Temp: 21.0°C

Probe: EX3DV4 - SN7565; ConvF(9.77, 9.77, 9.77) @ 782 MHz; Calibrated: 11/12/2020

Sensor-Surface: 1.4mm (Mechanical Surface Detection)

Electronics: DAE4 Sn1466; Calibrated: 11/6/2020

Phantom: Twin-SAM V5.0; Type: QD 000 P40 CD; Serial: 1626

Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7495)

**Mode: LTE Band 13, Body SAR, Back side, Mid.ch,
10 MHz Bandwidth, QPSK, 1 RB, 49 RB Offset**

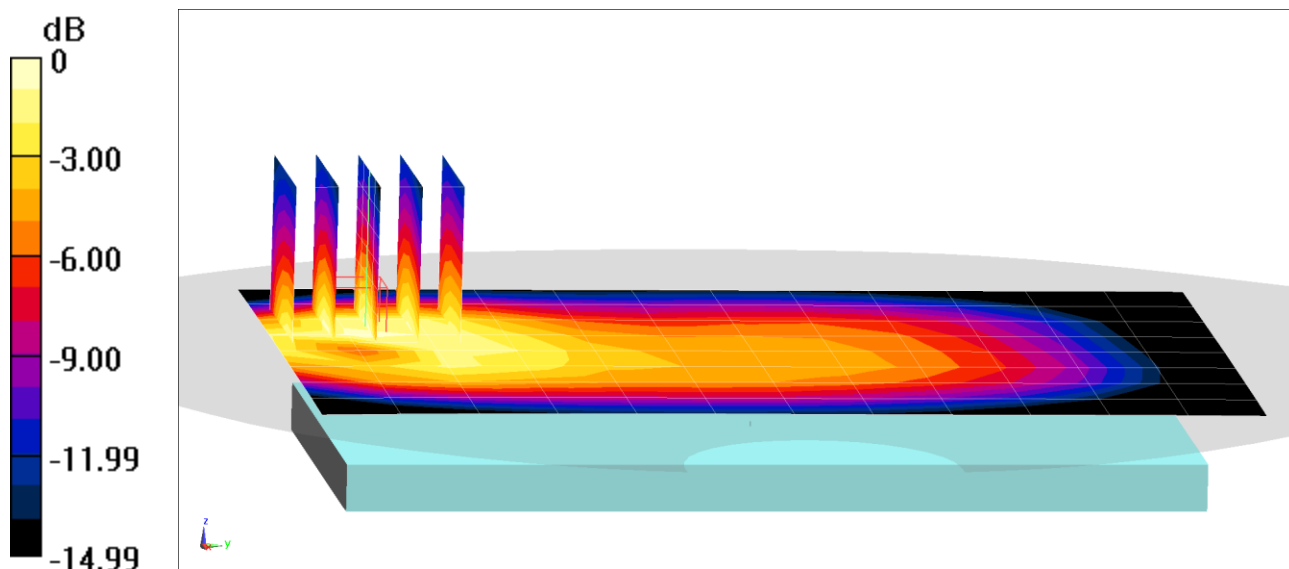
Area Scan (9x13x1): Measurement grid: dx=15mm, dy=15mm

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

Reference Value = 24.92 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 0.988 W/kg

SAR(1 g) = 0.562 W/kg



0 dB = 0.811 W/kg = -0.91 dBW/kg

PCTEST

DUT: A3LSMS908U; Type: Portable Handset; Serial: 0352M

Communication System: UID 0, LTE Band 14; Frequency: 793 MHz; Duty Cycle: 1:1

Medium: 750 Body; Medium parameters used (interpolated):

$f = 793 \text{ MHz}$; $\sigma = 0.993 \text{ S/m}$; $\epsilon_r = 54.231$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section; Space: 1.5 cm

Test Date: 10/11/2021; Ambient Temp: 20.5°C; Tissue Temp: 21.0°C

Probe: EX3DV4 - SN7565; ConvF(9.77, 9.77, 9.77) @ 793 MHz; Calibrated: 11/12/2020

Sensor-Surface: 1.4mm (Mechanical Surface Detection)

Electronics: DAE4 Sn1466; Calibrated: 11/6/2020

Phantom: Twin-SAM V5.0; Type: QD 000 P40 CD; Serial: 1626

Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7495)

**Mode: LTE Band 14, Body SAR, Back side, Mid.ch,
10 MHz Bandwidth, QPSK, 1 RB, 25 RB Offset**

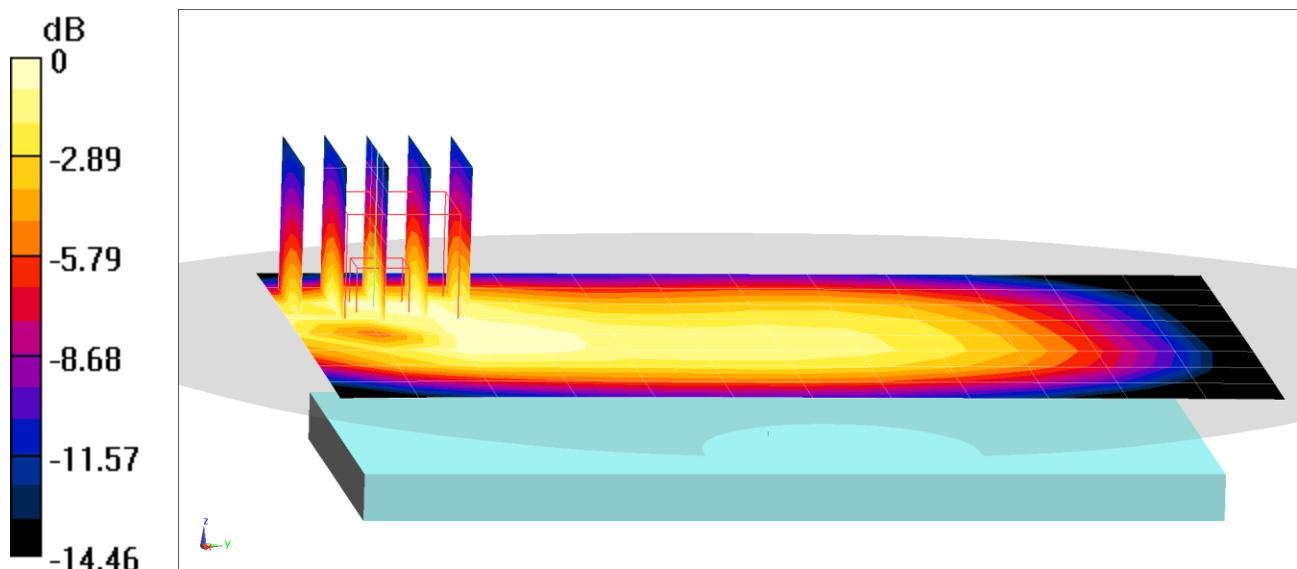
Area Scan (9x13x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 17.97 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 0.489 W/kg

SAR(1 g) = 0.293 W/kg



0 dB = 0.414 W/kg = -3.83 dBW/kg

PCTEST

DUT: A3LSMS908U; Type: Portable Handset; Serial: 0352M

Communication System: UID 0, LTE Band 14; Frequency: 793 MHz; Duty Cycle: 1:1

Medium: 750 Body; Medium parameters used (interpolated):

$f = 793 \text{ MHz}$; $\sigma = 0.993 \text{ S/m}$; $\epsilon_r = 54.231$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section; Space: 1.0 cm

Test Date: 10/11/2021; Ambient Temp: 20.5°C; Tissue Temp: 21.0°C

Probe: EX3DV4 - SN7565; ConvF(9.77, 9.77, 9.77) @ 793 MHz; Calibrated: 11/12/2020

Sensor-Surface: 1.4mm (Mechanical Surface Detection)

Electronics: DAE4 Sn1466; Calibrated: 11/6/2020

Phantom: Twin-SAM V5.0; Type: QD 000 P40 CD; Serial: 1626

Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7495)

**Mode: LTE Band 14, Body SAR, Back side, Mid.ch,
10 MHz Bandwidth, QPSK, 1 RB, 25 RB Offset**

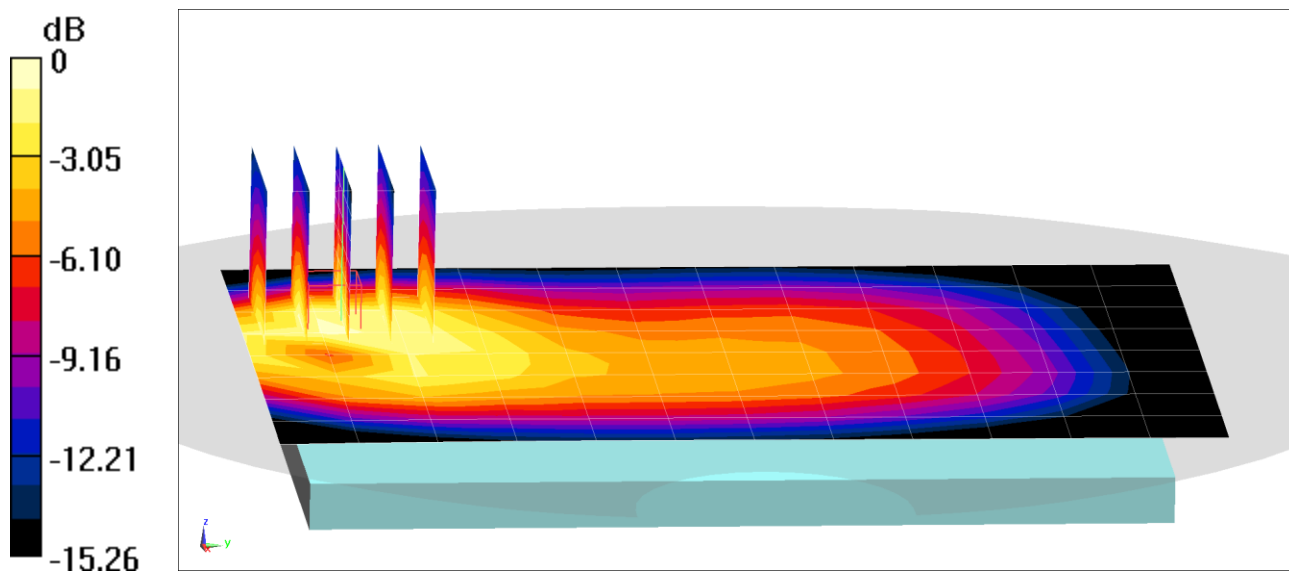
Area Scan (9x13x1): Measurement grid: dx=15mm, dy=15mm

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

Reference Value = 26.20 V/m; Power Drift = 0.09 dB

Peak SAR (extrapolated) = 1.10 W/kg

SAR(1 g) = 0.625 W/kg



0 dB = 0.905 W/kg = -0.43 dBW/kg

PCTEST

DUT: A3LSMS908U; Type: Portable Handset; Serial: 0352M

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; $\sigma = 1.01$ S/m; $\epsilon_r = 52.844$; $\rho = 1000$ kg/m³

Phantom section: Flat Section; Space: 1.5 cm

Test Date: 09/29/2021; Ambient Temp: 21.9°C; Tissue Temp: 21.5°C

Probe: EX3DV4 - SN7402; ConvF(10.04, 10.04, 10.04) @ 831.5 MHz; Calibrated: 04/16/2021

Sensor-Surface: 1.4mm (Mechanical Surface Detection)

Electronics: DAE4 Sn1502; Calibrated: 04/09/2021

Phantom: Twin-SAM V5.0; Type: QD 000 P40 CD; Serial: 1868

Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

**Mode: LTE Band 26 (Cell.), Body SAR, Back side, Mid.ch,
15 MHz Bandwidth, QPSK, 1 RB, 36 RB Offset**

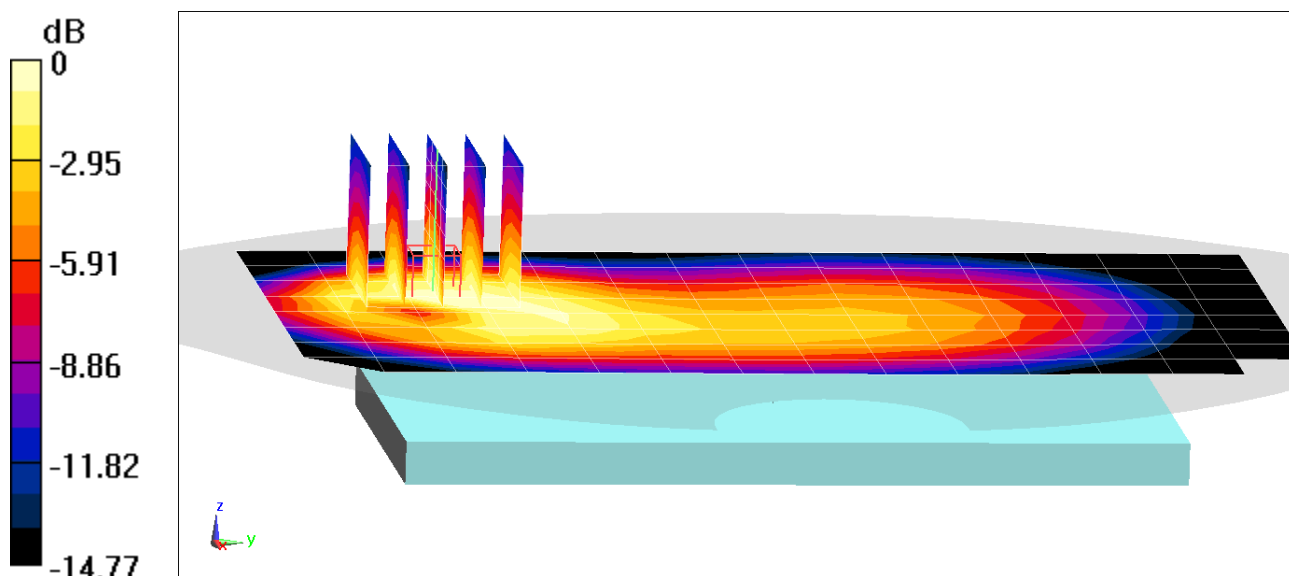
Area Scan (9x15x1): Measurement grid: dx=15mm, dy=15mm

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

Reference Value = 17.56 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.467 W/kg

SAR(1 g) = 0.288 W/kg



0 dB = 0.404 W/kg = -3.94 dBW/kg

PCTEST

DUT: A3LSMS908U; Type: Portable Handset; Serial: 0352M

Communication System: UID 0, LTE Band 26; Frequency: 831.5 MHz; Duty Cycle: 1:1

Medium: 835 Body; Medium parameters used (interpolated):

$f = 831.5 \text{ MHz}$; $\sigma = 1.01 \text{ S/m}$; $\epsilon_r = 52.844$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section; Space: 1.0 cm

Test Date: 09/29/2021; Ambient Temp: 21.9°C; Tissue Temp: 21.5°C

Probe: EX3DV4 - SN7402; ConvF(10.04, 10.04, 10.04) @ 831.5 MHz; Calibrated: 4/16/2021

Sensor-Surface: 1.4mm (Mechanical Surface Detection)

Electronics: DAE4 Sn1502; Calibrated: 4/9/2021

Phantom: Twin-SAM V5.0; Type: QD 000 P40 CD; Serial: 1868

Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

**Mode: LTE Band 26 (Cell.), Body SAR, Back side, Mid.ch,
15 MHz Bandwidth, QPSK, 1 RB, 36 RB Offset**

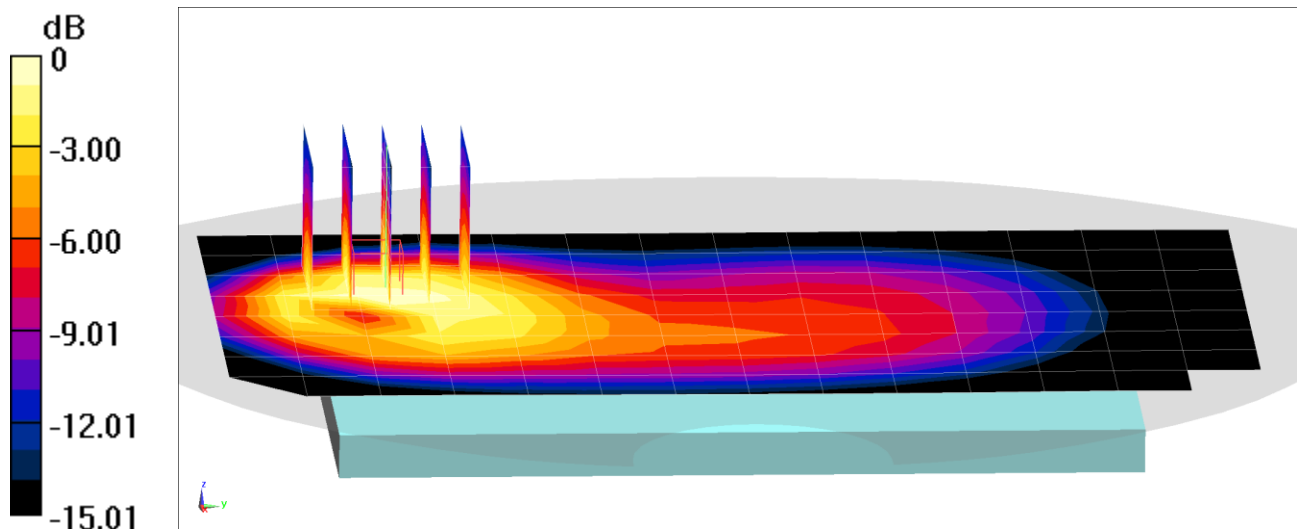
Area Scan (9x15x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 25.32 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 1.02 W/kg

SAR(1 g) = 0.597 W/kg



0 dB = 0.841 W/kg = -0.75 dBW/kg

PCTEST

DUT: A3LSMS908U; Type: Portable Handset; Serial: 0315M

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; $\sigma = 0.955$ S/m; $\epsilon_r = 54.22$; $\rho = 1000$ kg/m³

Phantom section: Flat Section; Space: 1.5 cm

Test Date: 10/07/2021; Ambient Temp: 21.1°C; Tissue Temp: 20.9°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; Type: QD 000 P40 CD; Serial: 1759

Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7495)

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

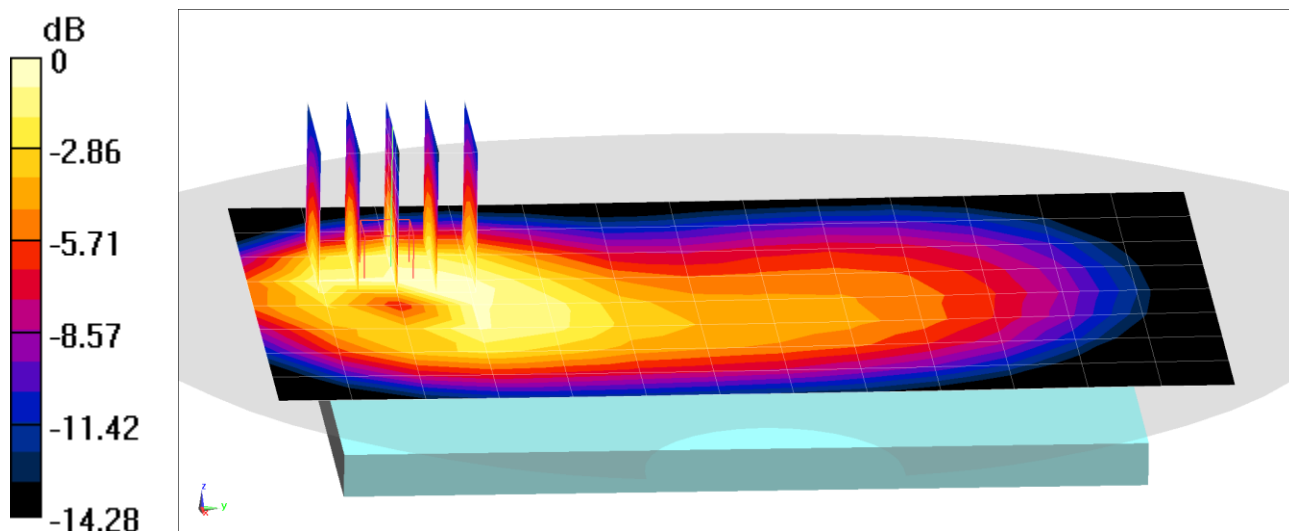
Area Scan (9x14x1): Measurement grid: dx=15mm, dy=15mm

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

Reference Value = 18.62 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 0.515 W/kg

SAR(1 g) = 0.310 W/kg



0 dB = 0.434 W/kg = -3.63 dBW/kg

PCTEST

DUT: A3LSMS908U; Type: Portable Handset; Serial: 0315M

Communication System: UID 0, LTE Band 5; Frequency: 836.5 MHz; Duty Cycle: 1:1

Medium: 835 Body; Medium parameters used (interpolated):

$f = 836.5 \text{ MHz}$; $\sigma = 0.955 \text{ S/m}$; $\epsilon_r = 54.22$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section; Space: 1.0 cm

Test Date: 10/07/2021; Ambient Temp: 21.1°C; Tissue Temp: 20.9°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; Type: QD 000 P40 CD; Serial: 1759

Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7495)

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

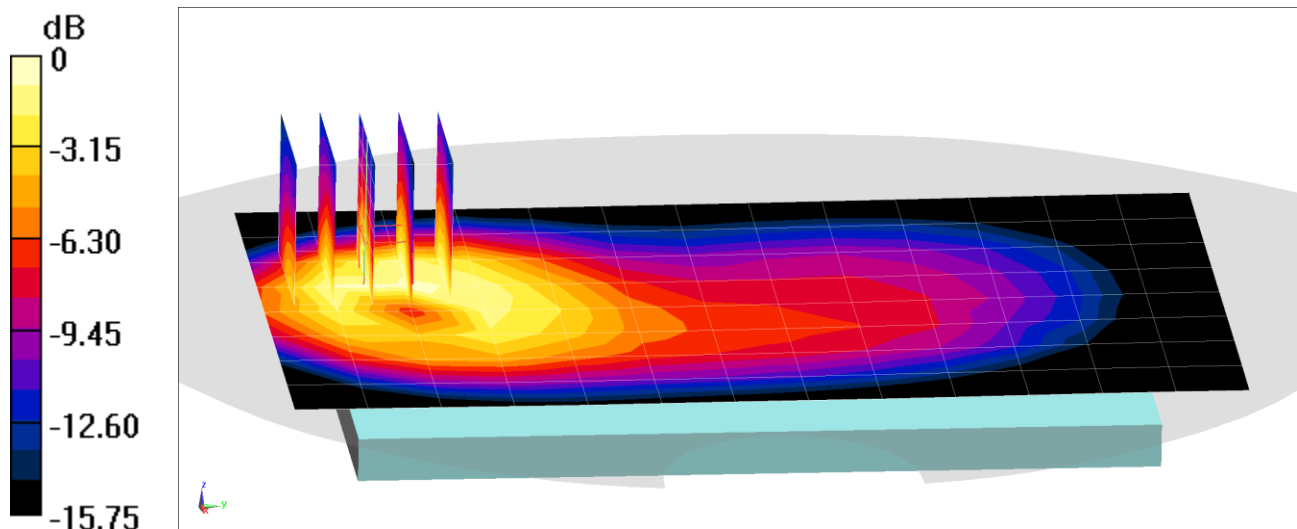
Area Scan (9x14x1): Measurement grid: dx=15mm, dy=15mm

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

Reference Value = 26.34 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.02 W/kg

SAR(1 g) = 0.634 W/kg



0 dB = 0.916 W/kg = -0.38 dBW/kg

PCTEST

DUT: A3LSMS908U; Type: Portable Handset; Serial: 1267M

Communication System: UID 0, LTE Band 66 (AWS); Frequency: 1770 MHz; Duty Cycle: 1:1

Medium: 1750 Body; Medium parameters used:

$f = 1770 \text{ MHz}$; $\sigma = 1.542 \text{ S/m}$; $\epsilon_r = 53.376$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section; Space: 1.5 cm

Test Date: 09/26/2021; Ambient Temp: 22.4°C; Tissue Temp: 21.8°C

Probe: EX3DV4 - SN7357; ConvF(8.12, 8.12, 8.12) @ 1770 MHz; Calibrated: 4/19/2021

Sensor-Surface: 1.4mm (Mechanical Surface Detection)

Electronics: DAE4 Sn1407; Calibrated: 4/7/2021

Phantom: Twin-SAM V5.0 Front; Type: QD 000 P40 CD; Serial: 1686

Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7495)

Mode: LTE Band 66 (AWS), ULCA CA_66C, Body SAR, Back side,

PCC: Ch. 132572, 20 MHz Bandwidth, QPSK, 1 RB, 0 RB Offset

SCC: Ch. 132374, 20 MHz Bandwidth, QPSK, 1 RB, 99 RB Offset

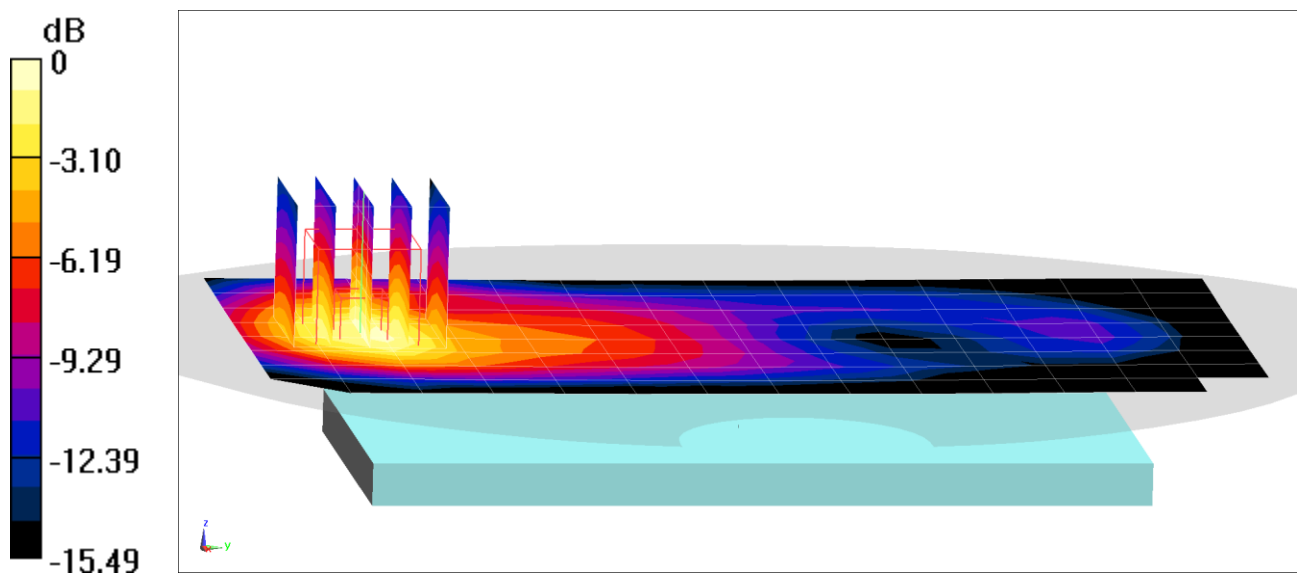
Area Scan (9x15x1): Measurement grid: dx=15mm, dy=15mm

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

Reference Value = 20.33 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 0.921 W/kg

SAR(1 g) = 0.583 W/kg



0 dB = 0.807 W/kg = -0.93 dBW/kg

PCTEST

DUT: A3LSMS908U; Type: Portable Handset; Serial: 1267M

Communication System: UID 0, LTE Band 66 (AWS); Frequency: 1775 MHz; Duty Cycle: 1:1

Medium: 1750 Body; Medium parameters used (interpolated):

$f = 1775 \text{ MHz}$; $\sigma = 1.521 \text{ S/m}$; $\epsilon_r = 52.419$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section; Space: 1.0 cm

Test Date: 10/05/2021; Ambient Temp: 23.4°C; Tissue Temp: 22.4°C

Probe: EX3DV4 - SN7357; ConvF(8.12, 8.12, 8.12) @ 1775 MHz; Calibrated: 4/19/2021

Sensor-Surface: 1.4mm (Mechanical Surface Detection)

Electronics: DAE4 Sn1407; Calibrated: 4/7/2021

Phantom: Twin-SAM V5.0 Front; Type: QD 000 P40 CD; Serial: 1686

Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7495)

**Mode: LTE Band 66 (AWS), Body SAR, Bottom Edge, High.ch,
20 MHz Bandwidth, QPSK, 25 RB, 0 RB Offset**

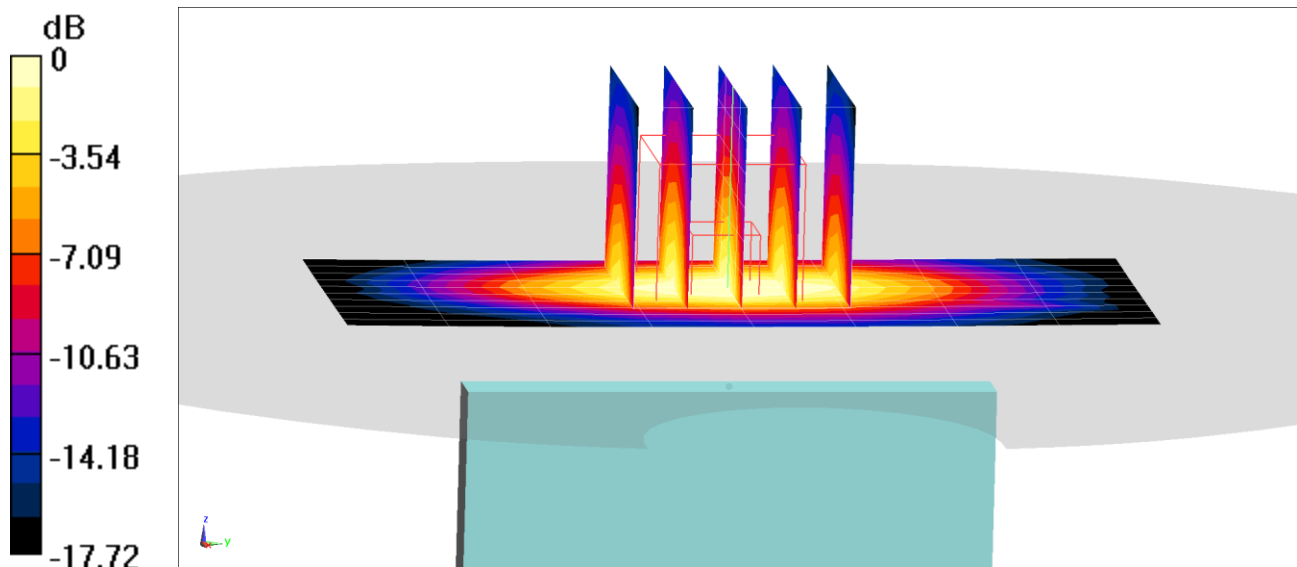
Area Scan (11x9x1): Measurement grid: dx=5mm, dy=15mm

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

Reference Value = 24.88 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 1.49 W/kg

SAR(1 g) = 0.848 W/kg



0 dB = 1.26 W/kg = 1.00 dBW/kg

PCTEST

DUT: A3LSMS908U; Type: Portable Handset; Serial: 1168M

Communication System: UID 0, LTE Band 25 (PCS); Frequency: 1905 MHz; Duty Cycle: 1:1

Medium: 1900 Body Medium parameters used (interpolated):

$f = 1905 \text{ MHz}$; $\sigma = 1.577 \text{ S/m}$; $\epsilon_r = 51.733$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section; Space: 1.5 cm

Test Date: 10/07/2021; Ambient Temp: 21.6°C; Tissue Temp: 21.9°C

Probe: EX3DV4 - SN7410; ConvF(7.7, 7.7, 7.7) @ 1905 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 (7495)

**Mode: LTE Band 25 (PCS), Body SAR, Back side, High.ch,
20 MHz Bandwidth, QPSK, 1 RB, 50 RB Offset**

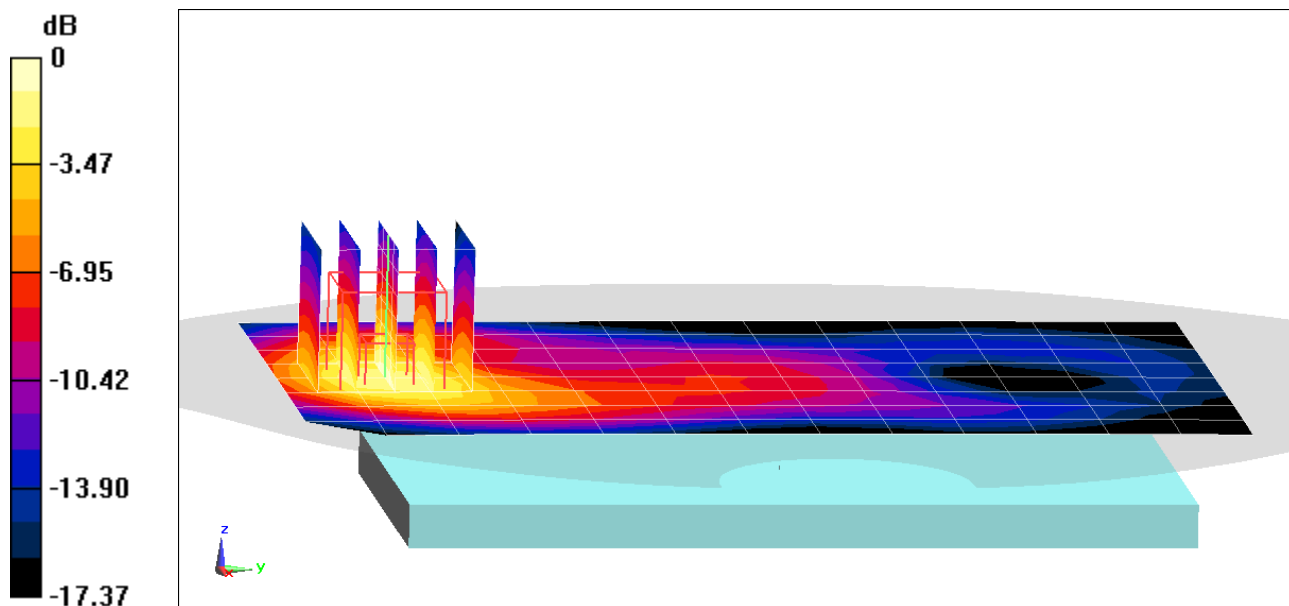
Area Scan (9x14x1): Measurement grid: dx=15mm, dy=15mm

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

Reference Value = 22.54 V/m; Power Drift = 0.14 dB

Peak SAR (extrapolated) = 0.14 W/kg

SAR(1 g) = 0.718 W/kg



0 dB = 1.02 W/kg = 0.09 dBW/kg

PCTEST

DUT: A3LSMS908U; Type: Portable Handset; Serial: 1168M

Communication System: UID 0, LTE Band 25 (PCS); Frequency: 1905 MHz; Duty Cycle: 1:1

Medium: 1900 Body; Medium parameters used (interpolated):

$f = 1905 \text{ MHz}$; $\sigma = 1.577 \text{ S/m}$; $\epsilon_r = 51.733$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section; Space: 1.0 cm

Test Date: 10/07/2021; Ambient Temp: 21.6°C; Tissue Temp: 21.9°C

Probe: EX3DV4 - SN7410; ConvF(7.7, 7.7, 7.7) @ 1905 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 (7495)

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

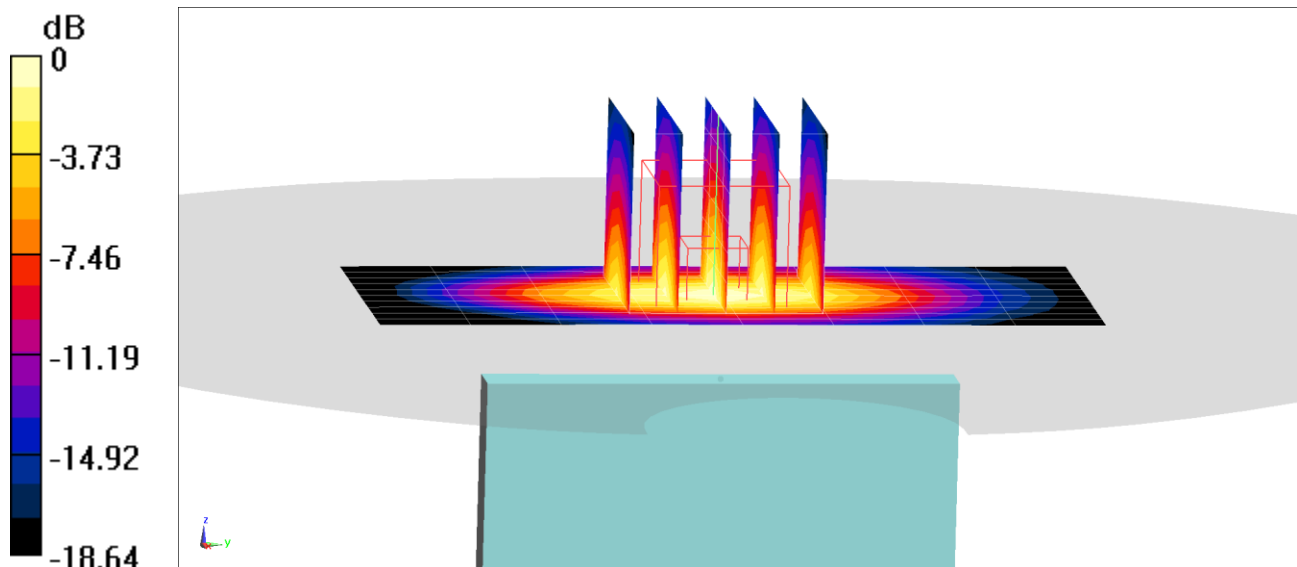
Area Scan (11x9x1): Measurement grid: $dx=5\text{mm}$, $dy=15\text{mm}$

Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 25.64 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 1.69 W/kg

SAR(1 g) = 0.938 W/kg



0 dB = 1.43 W/kg = 1.55 dBW/kg

PCTEST

DUT: A3LSMS908U; Type: Portable Handset; Serial: 1143M

Communication System: UID:10175 - CAG, LTE-FDD; MAIA: Y; Frequency: 2310.0 MHz

Medium: 2450 Body; Medium parameters used:

$f = 2310.0$ MHz; $\text{cond} = 1.87$ S/m; $\text{perm} = 54.3$; $\text{density} = 1000$ kg/m³

Phantom Section: Flat; Space: 15.00 mm

Test Date: 12/06/2021; Ambient Temp: 24.0°C; Tissue Temp: 22.2°C

Probe: EX3DV4 - SN3914; ConvF:(7.41,7.41,7.41); Calibrated: 2021-05-18

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

Electronics: DAE4 Sn728; Calibrated: 2021-05-11

Phantom: Twin-SAM V5.0; Serial: 1873

Measurement SW: DASY Module SAR V16.0.0.116

**Mode: LTE Band 30, Body SAR, Back Side,
10 MHz Bandwidth, Mid.ch, QPSK, 1 RB, 0 RB Offset**

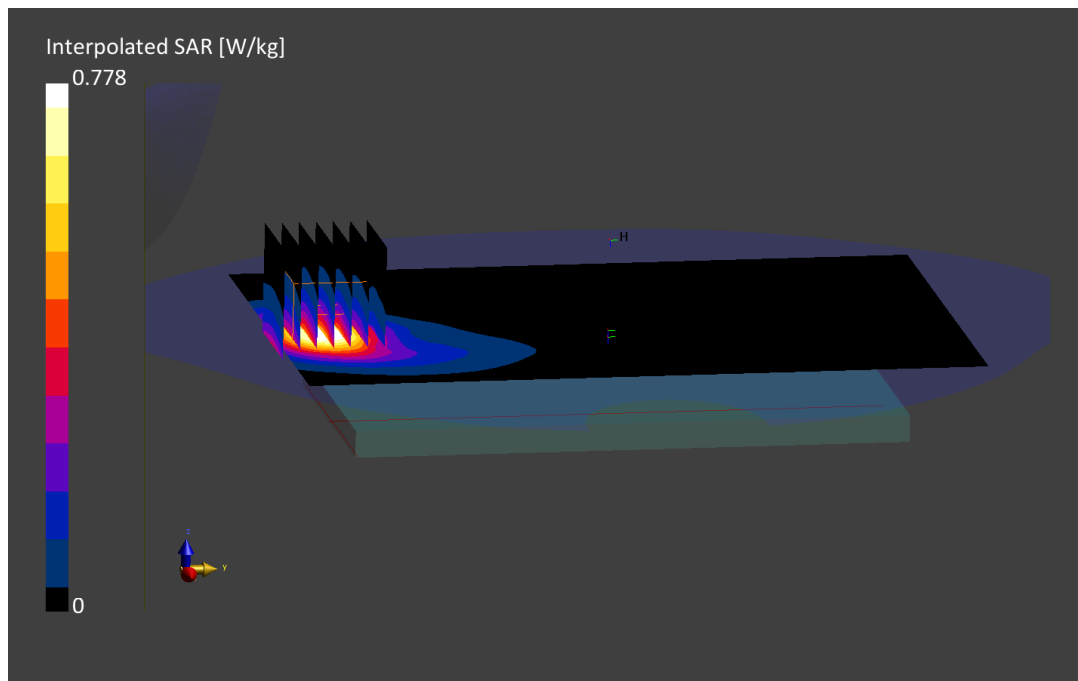
Area Scan (120.0 x 200.0): Measurement grid: $dx=10.0$ mm, $dy=10.0$ mm

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

Reference Value = 0.36 W/kg; Power Drift = 0.13 dB

Peak SAR (extrapolated) = 0.778 W/kg

SAR(1 g) = 0.434 W/kg



PCTEST

DUT: A3LSMS908U; Type: Portable Handset; Serial: 1143M

Communication System: UID:10108 - CAG, LTE-FDD; MAIA: Y; Frequency: 2310.0 MHz

Medium: 2450 Body; Medium parameters used:

$f = 2310.0$ MHz; $\text{cond} = 1.90$ S/m; $\text{perm} = 53.4$; $\text{density} = 1000$ kg/m³

Phantom Section: Flat; Space: 10.00 mm

Test Date: 10/11/2021; Ambient Temp: 19.9°C; Tissue Temp: 21.9°C

Probe: EX3DV4 - SN7526; ConvF:(7.29,7.29,7.29); Calibrated: 2021-03-16

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

Electronics: DAE4 Sn1272; Calibrated: 2021-03-18

Phantom: Twin-SAM V5.0; Serial: 1758

Measurement SW: DASY Module SAR V16.0.0.116

**Mode: LTE Band 30, Body SAR, Bottom Edge,
10 MHz Bandwidth, Mid.ch QPSK, 50 RB, 0 RB Offset**

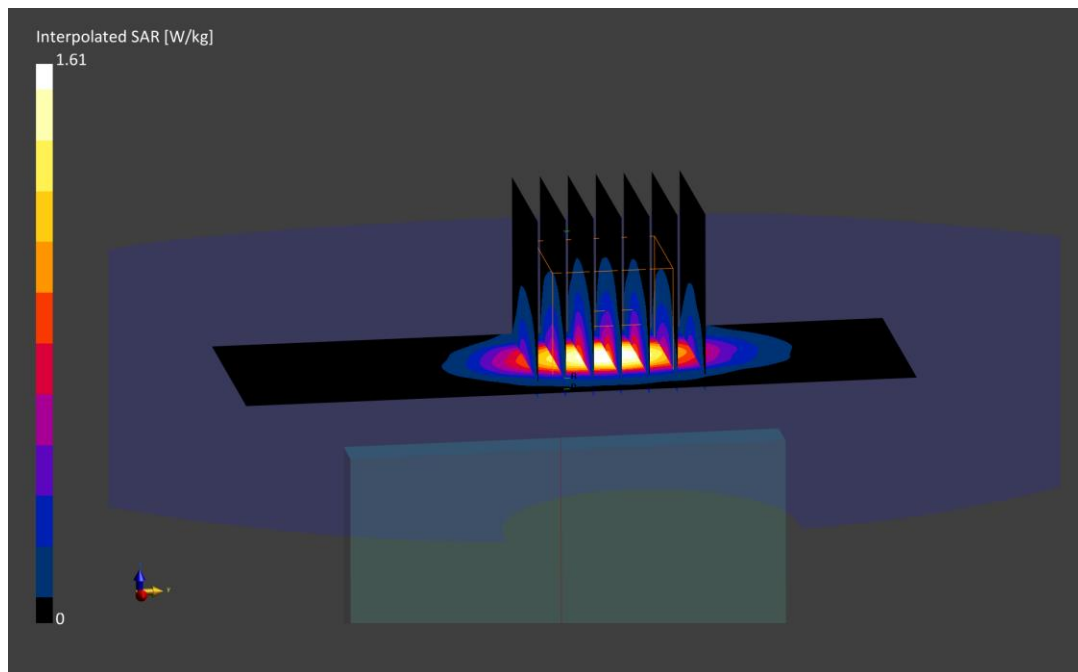
Area Scan (40.0 x 120.0): Measurement grid: $dx=5.0$ mm, $dy=10.0$ mm

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

Reference Value = 0.74 W/kg; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 1.61 W/kg

SAR(1 g) = 0.810 W/kg



PCTEST

DUT: A3LSMS908U; Type: Portable Handset; Serial: 1170M

Communication System: UID:10169 - CAE, LTE-FDD; MAIA: Y; Frequency: 2510.0 MHz

Medium: 2450 Body; Medium parameters used:

$f = 2510.0$ MHz; $\text{cond} = 2.11$ S/m; $\text{perm} = 53.7$; $\text{density} = 1000$ kg/m³

Phantom Section: Flat; Space: 15.00 mm

Test Date: 09/28/2021; Ambient Temp: 20.7°C; Tissue Temp: 20.6°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; Serial: 1630

Measurement SW: DASY Module SAR V16.0.0.116

**Mode: LTE Band 7, Body SAR, Back Side,
20 MHz Bandwidth, Low.ch, QPSK, 1 RB, 50 RB Offset**

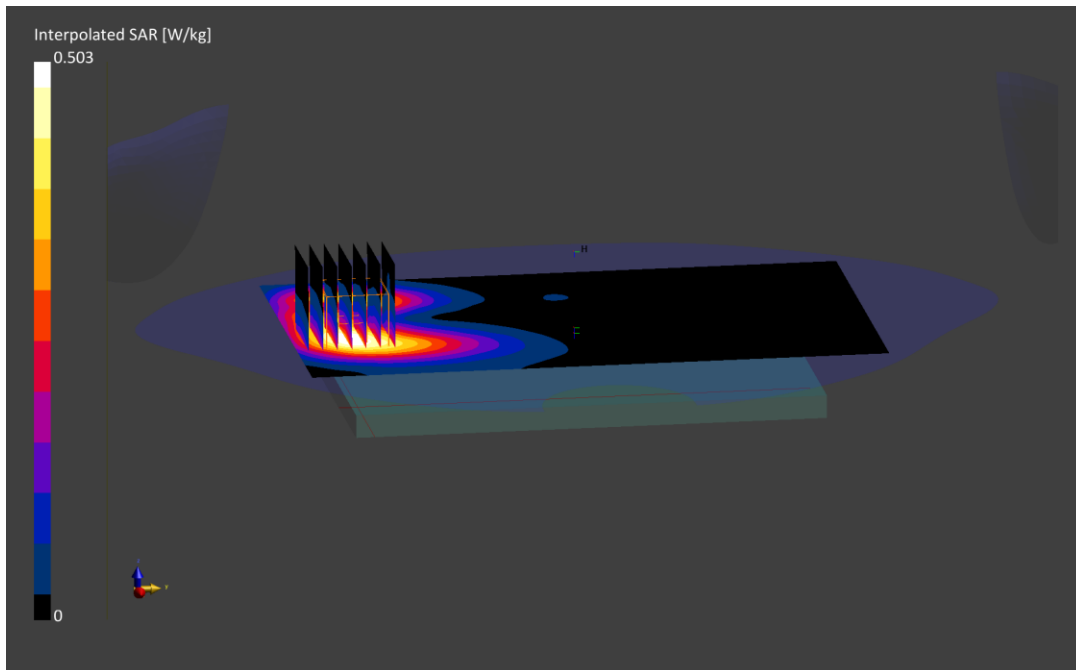
Area Scan (120.0 x 200.0): Measurement grid: $dx=10.0$ mm, $dy=10.0$ mm

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 = 0.33 W/kg; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 0.503 W/kg

SAR(1 g) = 0.278 W/kg



PCTEST

DUT: A3LSMS908U; Type: Portable Handset; Serial: 1170M

Communication System: UID:10169 - CAE, LTE-FDD; MAIA: Y; Frequency: 2535.0 MHz

Medium: 2450 Body; Medium parameters used:

$f = 2535.0$ MHz; $\text{cond} = 2.09$ S/m; $\text{perm} = 50.6$; $\text{density} = 1000$ kg/m³

Phantom Section: Flat; Space: 10.00 mm

Test Date: 11/03/2021; Ambient Temp: 23.5°C; Tissue Temp: 21.2°C

Probe: EX3DV4 - SN7670; ConvF:(7.7,7.7,7.7); Calibrated: 2021-08-05

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

Electronics: DAE4 Sn1681; Calibrated: 2021-08-03

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

Measurement SW: DASY Module SAR V16.0.0.116

**Mode: LTE Band 7, Body SAR, Bottom Edge, 20 MHz Bandwidth,
Mid.ch, QPSK, 1 RB, 99 RB Offset**

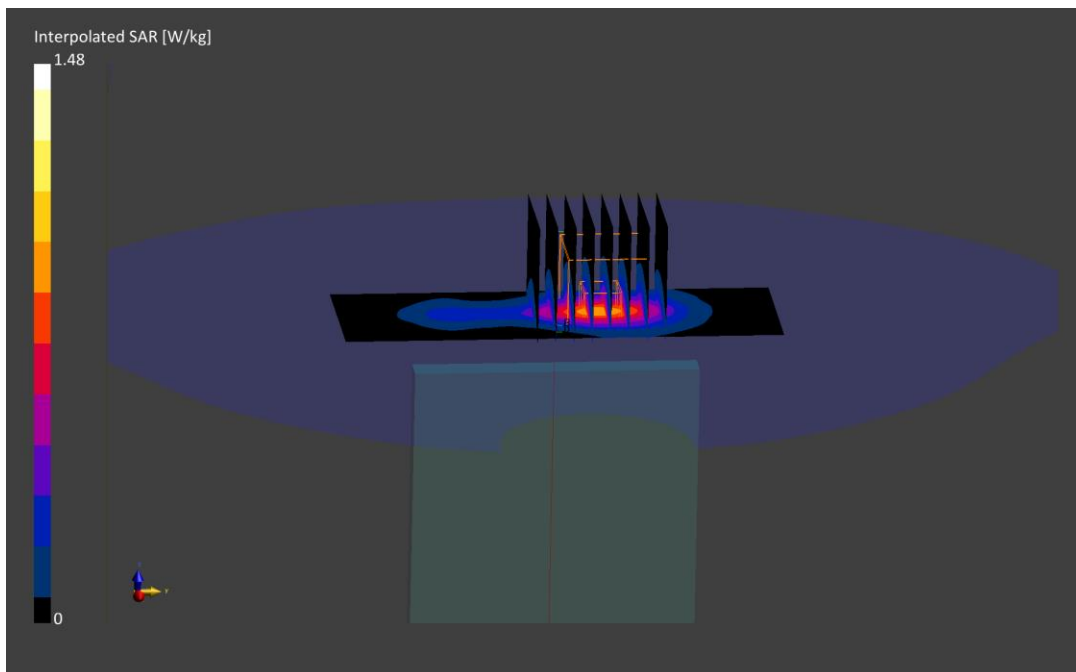
Area Scan (40.0 x 120.0): Measurement grid: $dx=5.0$ mm, $dy=10.0$ mm

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

Reference Value = 0.70 W/kg; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 1.48 W/kg

SAR(1 g) = 0.715 W/kg



PCTEST

DUT: A3LSMS908U; Type: Portable Handset; Serial: 1149M

Communication System: UID:10172 - CAG, LTE-TDD; MAIA: Y; Frequency: 2506.0 MHz

Medium: 2450 Body; Medium parameters used:

$f = 2506.0$ MHz; $\text{cond} = 2.06$ S/m; $\text{perm} = 50.7$; $\text{density} = 1000$ kg/m³

Phantom Section: Flat; Space: 15.00 mm

Test Date: 11/03/2021; Ambient Temp: 23.5°C; Tissue Temp: 21.2°C

Probe: EX3DV4 - SN7670; ConvF:(7.81,7.81,7.81); Calibrated: 2021-08-05

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

Electronics: DAE4 Sn1681; Calibrated: 2021-08-03

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

Measurement SW: DASY Module SAR V16.0.0.116

**Mode: LTE Band 41 PC2, Body SAR, Back Side, Low.ch,
20 MHz Bandwidth, QPSK, 1 RB, 50 RB Offset**

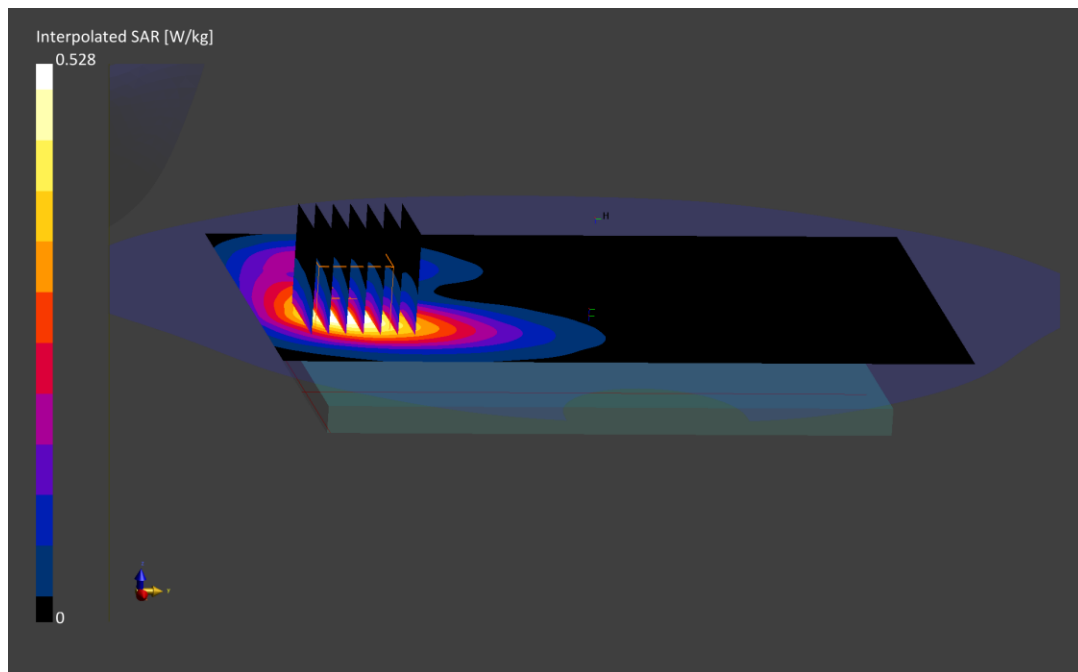
Area Scan (120.0 x 200.0): Measurement grid: $dx=10.0$ mm, $dy=10.0$ mm

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 = 0.27 W/kg; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 0.528 W/kg

SAR(1 g) = 0.277 W/kg



PCTEST

DUT: A3LSMS908U; Type: Portable Handset; Serial: 1149M

Communication System: UID:10435 - AAF, LTE-TDD; MAIA: Y; Frequency: 2549.5 MHz

Medium: 2450 Body; Medium parameters used:

$f = 2549.5$ MHz; $\text{cond} = 2.13$ S/m; $\text{perm} = 51.2$; $\text{density} = 1000$ kg/m³

Phantom Section: Flat; Space: 10.00 mm

Test Date: 10/10/2021; Ambient Temp: 22.4°C; Tissue Temp: 22.5°C

Probe: EX3DV4 - SN3914; ConvF:(7.14,7.14,7.14); Calibrated: 2021-05-18

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

Electronics: DAE4 Sn728; Calibrated: 2021-05-11

Phantom: Twin-SAM V5.0 (Left); Serial: 1873

Measurement SW: DASY Module SAR V16.0.0.116

**Mode: LTE Band 41 PC3, Body SAR, Bottom Edge, Low-mid.ch,
20 MHz Bandwidth, QPSK, 1 RB, 50 RB Offset**

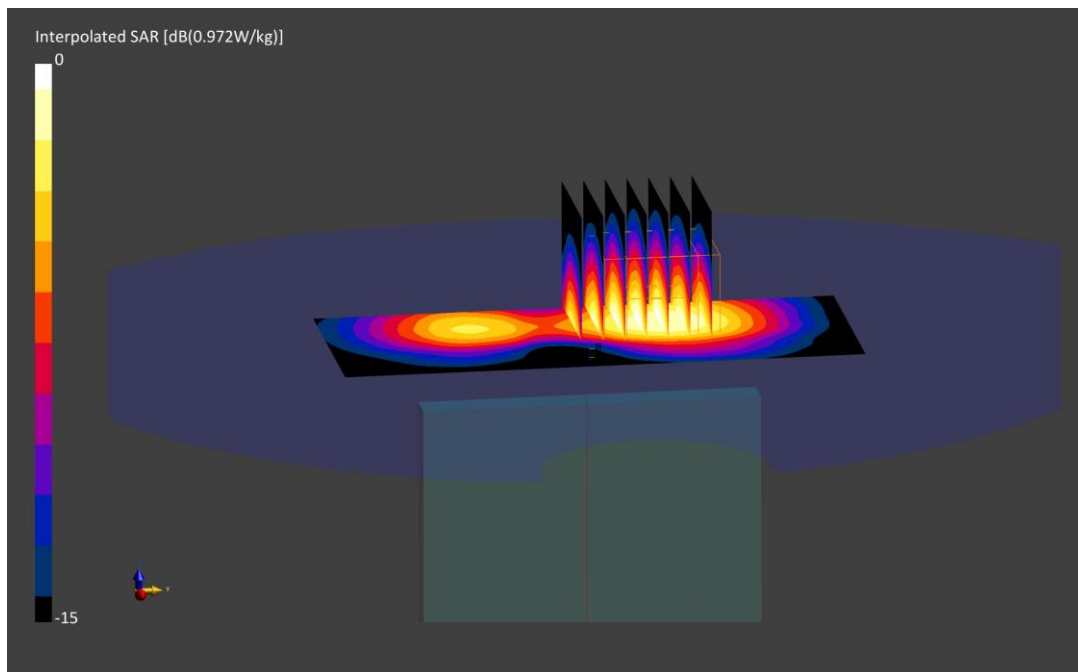
Area Scan (48.0 x 120.0): Measurement grid: $dx=5.0$ mm, $dy=10.0$ mm

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

Reference Value = 0.68 W/kg; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 1.64 W/kg

SAR(1 g) = 0.801 W/kg



PCTEST

DUT: A3LSMS908U; Type: Portable Handset; Serial: 0543M

Communication System: UID:10494 - AAF, LTE-TDD; MAIA: Y; Frequency: 3646.7 MHz

Medium: 3600 Body; Medium parameters used:

$f = 3646.7$ MHz; $\text{cond} = 3.33$ S/m; $\text{perm} = 50.3$; $\text{density} = 1000$ kg/m³

Phantom Section: Flat; Space: 15.00 mm

Test Date: 10/07/2021; Ambient Temp: 21.5°C; Tissue Temp: 21.5°C

Probe: EX3DV4 - SN7551; ConvF:(6.33,6.33,6.33); Calibrated: 2020-10-20

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

Electronics: DAE4 Sn1333; Calibrated: 2020-10-16

Phantom: Twin-SAM V5.0; Serial: 1692 Right Back

Measurement SW: DASY Module SAR V16.0.0.116

**Mode: LTE Band 48, Body SAR, Back side, Mid-high.ch,
20 MHz Bandwidth QPSK, 50 RB, 25 RB Offset**

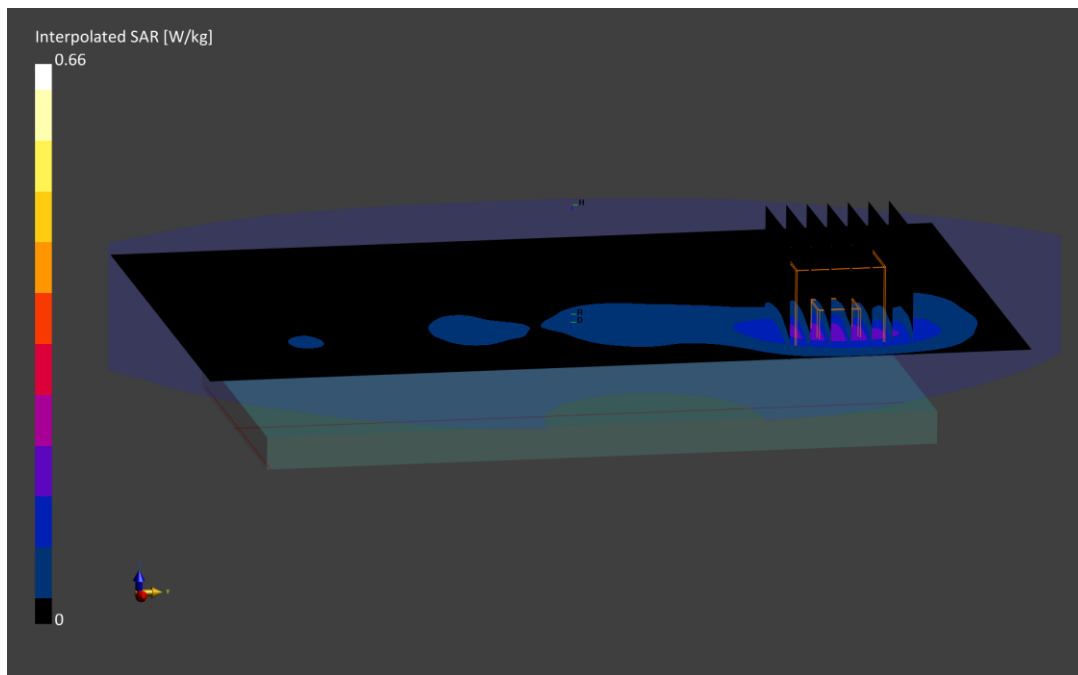
Area Scan (120.0 x 200.0): Measurement grid: $dx=10.0$ mm, $dy=10.0$ mm

Zoom Scan (28.0 x 28.0 x 28.0): Measurement grid: $dx=5.0$ mm, $dy=5.0$ mm, $dz=1.4$ mm; Graded Ratio: 1.5

Reference Value = 0.10 W/kg; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 0.361 W/kg

SAR(1 g) = 0.160 W/kg



PCTEST

DUT: A3LSMS908U; Type: Portable Handset; Serial: 0543M

Communication System: UID:10494 - AAF, LTE-TDD; MAIA: Y; Frequency: 3646.7 MHz

Medium: 3600 Body; Medium parameters used:

$f = 3646.7$ MHz; $\text{cond} = 3.33$ S/m; $\text{perm} = 50.3$; $\text{density} = 1000$ kg/m³

Phantom Section: Flat; Space: 10.00 mm

Test Date: 10/07/2021; Ambient Temp: 21.5°C; Tissue Temp: 21.5°C

Probe: EX3DV4 - SN7551; ConvF:(6.33,6.33,6.33); Calibrated: 2020-10-20

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

Electronics: DAE4 Sn1333; Calibrated: 2020-10-16

Phantom: Twin-SAM V5.0; Serial: 1692 Right Back

Measurement SW: DASY Module SAR V16.0.0.116

**Mode: LTE Band 48, Body SAR, Left Edge, Mid-high.ch,
20 MHz Bandwidth QPSK, 50 RB, 25 RB Offset**

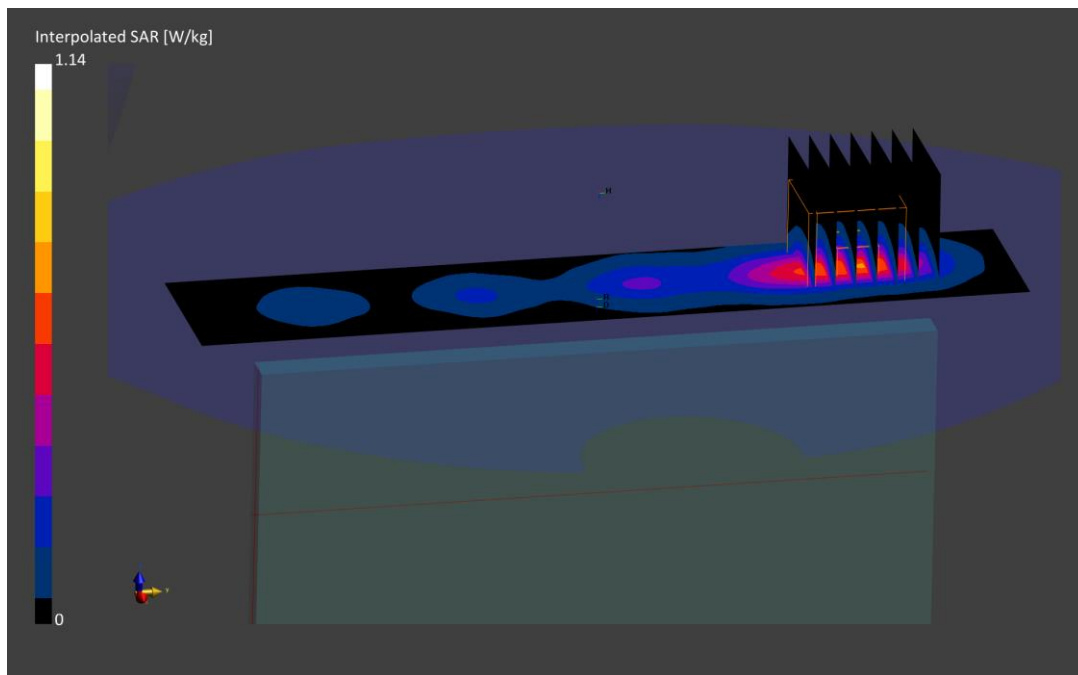
Area Scan (40.0 x 200.0): Measurement grid: $dx=5.0$ mm, $dy=10.0$ mm

Zoom Scan (28.0 x 28.0 x 28.0): Measurement grid: $dx=5.0$ mm, $dy=5.0$ mm, $dz=1.4$ mm; Graded Ratio: 1.5

Reference Value = 0.30 W/kg; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 1.14 W/kg

SAR(1 g) = 0.485 W/kg



PCTEST

DUT: A3LSMS908U; Type: Portable Handset; Serial: 0417M

Communication System: UID 0, NR Band n71; Frequency: 680.5 MHz; Duty Cycle: 1:1

Medium: 750 Body; Medium parameters used (interpolated):

$f = 680.5 \text{ MHz}$; $\sigma = 0.952 \text{ S/m}$; $\epsilon_r = 54.403$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section; Space: 1.5 cm

Test Date: 10/11/2021; Ambient Temp: 22.8°C; Tissue Temp: 21.6°C

Probe: EX3DV4 - SN7409; ConvF(9.96, 9.96, 9.96) @ 680.5 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; Type: QD 000 P40 CD; Serial: 1715

Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7495)

**Mode: NR Band n71, Body SAR, Back Side, 20 MHz Bandwidth,
DFT-s-OFDM QPSK, Ch. 136100, 1 RB, 104 RB Offset**

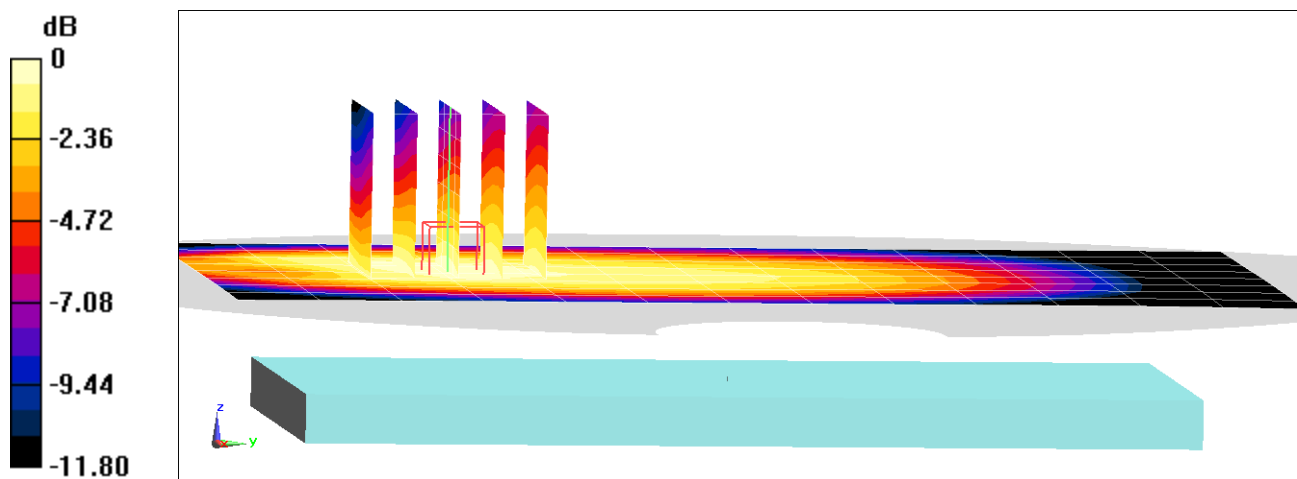
Area Scan (9x14x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 15.95 V/m; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 0.336 W/kg

SAR(1 g) = 0.237 W/kg



0 dB = 0.298 W/kg = -5.26 dBW/kg

PCTEST

DUT: A3LSMS908U; Type: Portable Handset; Serial: 0417M

Communication System: UID 0, NR Band n71; Frequency: 680.5 MHz; Duty Cycle: 1:1

Medium: 750 Body; Medium parameters used (interpolated):

$f = 680.5 \text{ MHz}$; $\sigma = 0.952 \text{ S/m}$; $\epsilon_r = 54.403$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section; Space: 1.0 cm

Test Date: 10/11/2021; Ambient Temp: 22.8°C; Tissue Temp: 21.6°C

Probe: EX3DV4 - SN7409; ConvF(9.96, 9.96, 9.96) @ 680.5 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; Type: QD 000 P40 CD; Serial: 1759

Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7495)

**Mode: NR Band n71, Body SAR, Back Side, 20 MHz Bandwidth,
DFT-s-OFDM QPSK, Ch. 136100, 1 RB, 104 RB Offset**

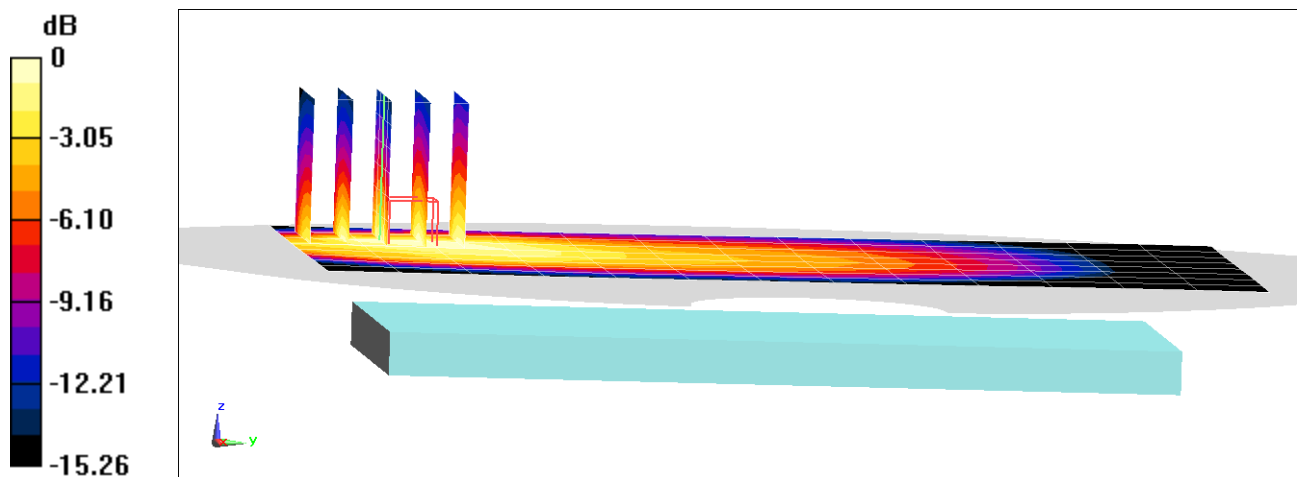
Area Scan (9x14x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 20.94 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 0.715 W/kg

SAR(1 g) = 0.393 W/kg



0 dB = 0.586 W/kg = -2.32 dBW/kg

PCTEST

DUT: A3LSMS908U; Type: Portable Handset; Serial: 0417M

Communication System: UID 0, NR Band n12; Frequency: 707.5 MHz; Duty Cycle: 1:1

Medium: 750 Body; Medium parameters used (interpolated):

$f = 707.5 \text{ MHz}$; $\sigma = 0.939 \text{ S/m}$; $\epsilon_r = 53.979$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section; Space: 1.5 cm

Test Date: 10/17/2021; Ambient Temp: 21.5°C; Tissue Temp: 20.0°C

Probe: EX3DV4 - SN7409; ConvF(9.96, 9.96, 9.96) @ 707.5 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; Type: QD 000 P40 CD; Serial: 1759

Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7495)

**Mode: NR Band n12, Body SAR, Back Side, 15 MHz Bandwidth,
DFT-s-OFDM QPSK, Ch. 141500, 36 RB, 22 RB Offset**

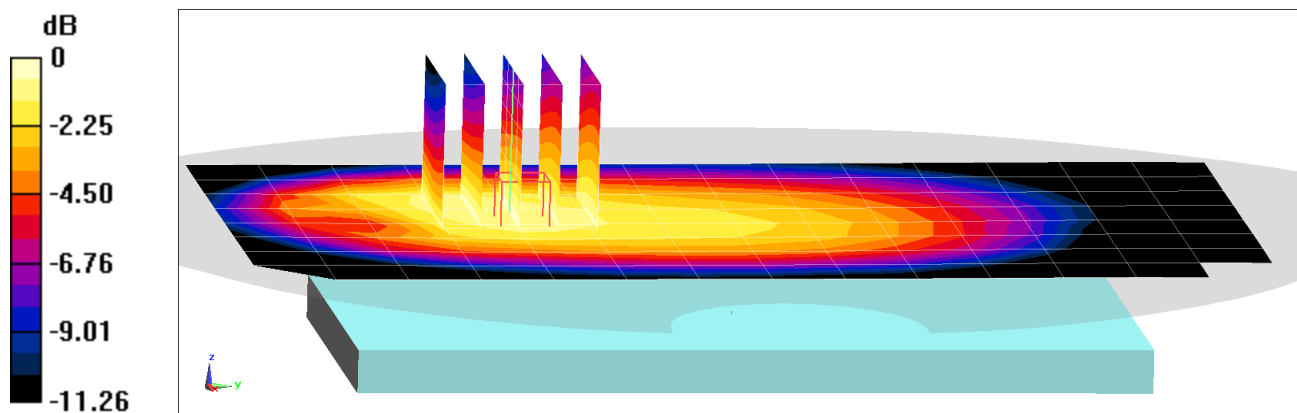
Area Scan (9x15x1): Measurement grid: dx=15mm, dy=15mm

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

Reference Value = 16.34 V/m; Power Drift = 0.00 dB

Peak SAR (extrapolated) = 0.345 W/kg

SAR(1 g) = 0.245 W/kg



0 dB = 0.308 W/kg = -5.11 dBW/kg

PCTEST

DUT: A3LSMS908U; Type: Portable Handset; Serial: 0417M

Communication System: UID 0, NR Band n12; Frequency: 707.5 MHz; Duty Cycle: 1:1

Medium: 750 Body; Medium parameters used (interpolated):

$f = 707.5 \text{ MHz}$; $\sigma = 0.939 \text{ S/m}$; $\epsilon_r = 53.979$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section; Space: 1.0 cm

Test Date: 10/17/2021; Ambient Temp: 21.5°C; Tissue Temp: 20.0°C

Probe: EX3DV4 - SN7409; ConvF(9.96, 9.96, 9.96) @ 707.5 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; Type: QD 000 P40 CD; Serial: 1759

Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7495)

**Mode: NR Band n12, Body SAR, Back Side, 15 MHz Bandwidth,
DFT-s-OFDM QPSK, Ch. 141500, 36 RB, 22 RB Offset**

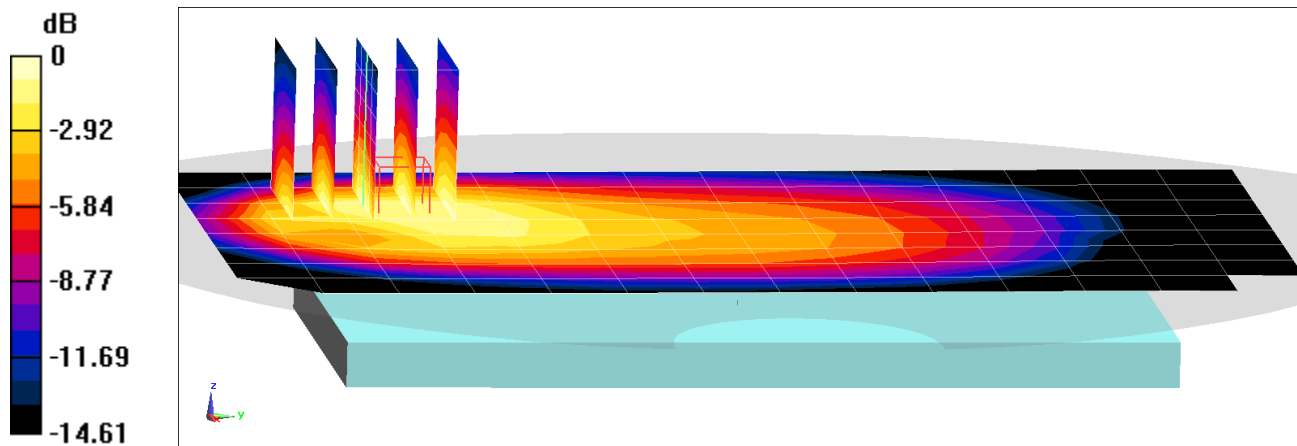
Area Scan (9x15x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 19.70 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 0.609 W/kg

SAR(1 g) = 0.346 W/kg



0 dB = 0.502 W/kg = -2.99 dBW/kg

PCTEST

DUT: A3LSMS908U; Type: Portable Handset; Serial: 0417M

Communication System: UID 0, NR Band n5; Frequency: 836.5 MHz; Duty Cycle: 1:1

Medium: 835 Body; Medium parameters used (interpolated):

$f = 836.5 \text{ MHz}$; $\sigma = 0.955 \text{ S/m}$; $\epsilon_r = 54.22$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section; Space: 1.5 cm

Test Date: 10/07/2021; Ambient Temp: 21.1°C; Tissue Temp: 20.9°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; Type: QD 000 P40 CD; Serial: 1759

Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7495)

**Mode: NR Band n5, Body SAR, Back Side, 20 MHz Bandwidth,
DFT-s-OFDM QPSK, Ch. 167300, 50 RB, 28 RB Offset**

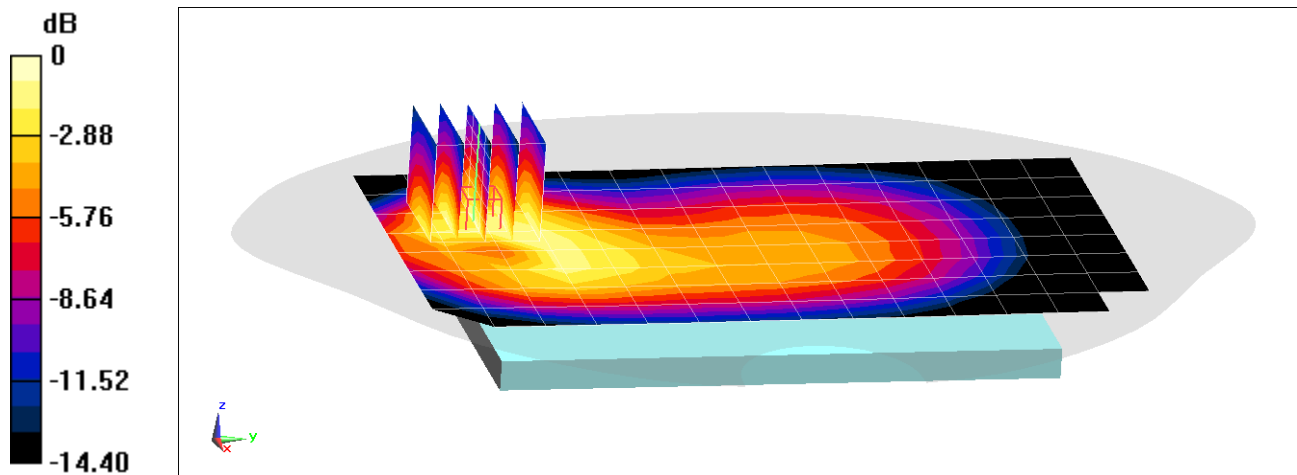
Area Scan (9x15x1): Measurement grid: dx=15mm, dy=15mm

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

Reference Value = 19.66 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.569 W/kg

SAR(1 g) = 0.346 W/kg



0 dB = 0.487 W/kg = -3.12 dBW/kg

PCTEST

DUT: A3LSMS908U; Type: Portable Handset; Serial: 0417M

Communication System: UID 0, NR Band n5; Frequency: 836.5 MHz; Duty Cycle: 1:1

Medium: 835 Body; Medium parameters used (interpolated):

$f = 836.5 \text{ MHz}$; $\sigma = 0.959 \text{ S/m}$; $\epsilon_r = 54.039$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section; Space: 1.0 cm

Test Date: 10/10/2021; Ambient Temp: 21.1°C; Tissue Temp: 20.5°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; Type: QD 000 P40 CD; Serial: 1759

Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7495)

**Mode: NR Band n5, Body SAR, Back Side, 20 MHz Bandwidth,
DFT-s-OFDM QPSK, Ch. 167300, 50 RB, 28 RB Offset**

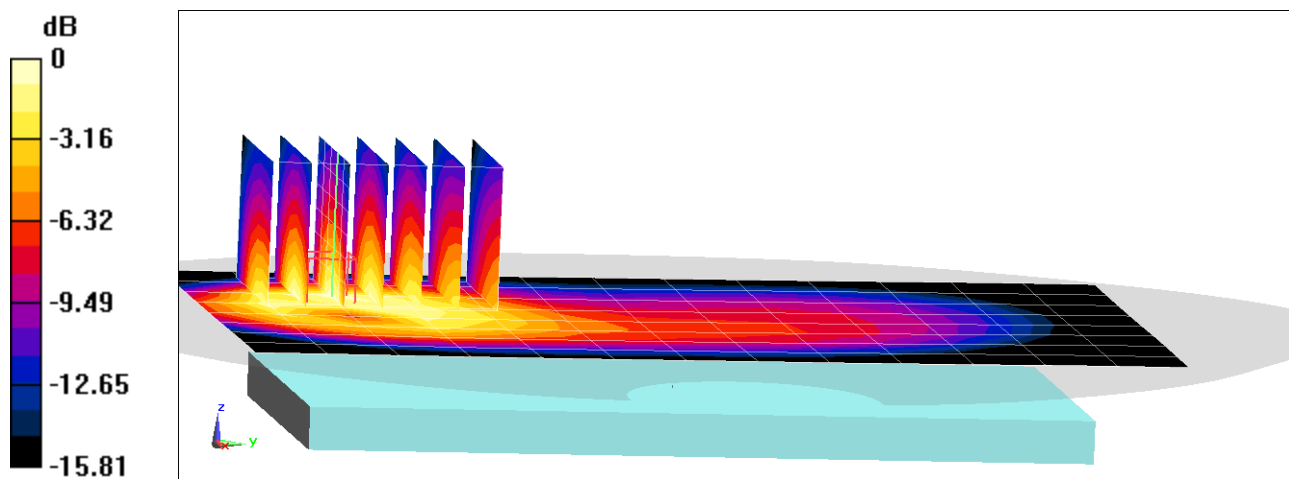
Area Scan (9x14x1): Measurement grid: dx=15mm, dy=15mm

Zoom Scan (6x7x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 28.70 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 1.28 W/kg

SAR (1 g) = 0.725 W/kg



0 dB = 1.06 W/kg = 0.25 dBW/kg

PCTEST

DUT: A3LSMS908U; Type: Portable Handset; Serial: 1137M

Communication System: UID 0, NR Band n66; Frequency: 1745 MHz; Duty Cycle: 1:1

Medium: 1750 Body; Medium parameters used:

$f = 1745 \text{ MHz}$; $\sigma = 1.487 \text{ S/m}$; $\epsilon_r = 52.523$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section; Space: 1.5 cm

Test Date: 10/05/2021; Ambient Temp: 23.4°C; Tissue Temp: 22.4°C

Probe: EX3DV4 - SN7357; ConvF(8.12, 8.12, 8.12) @ 1745 MHz; Calibrated: 4/19/2021

Sensor-Surface: 1.4mm (Mechanical Surface Detection)

Electronics: DAE4 Sn1407; Calibrated: 4/7/2021

Phantom: Twin-SAM V5.0 Front; Type: QD 000 P40 CD; Serial: 1686

Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7495)

**Mode: NR Band n66 Antenna A, Body SAR, Back Side, 40 MHz Bandwidth,
DFT-s-OFDM QPSK, Ch. 349000, 108 RB, 54 RB Offset**

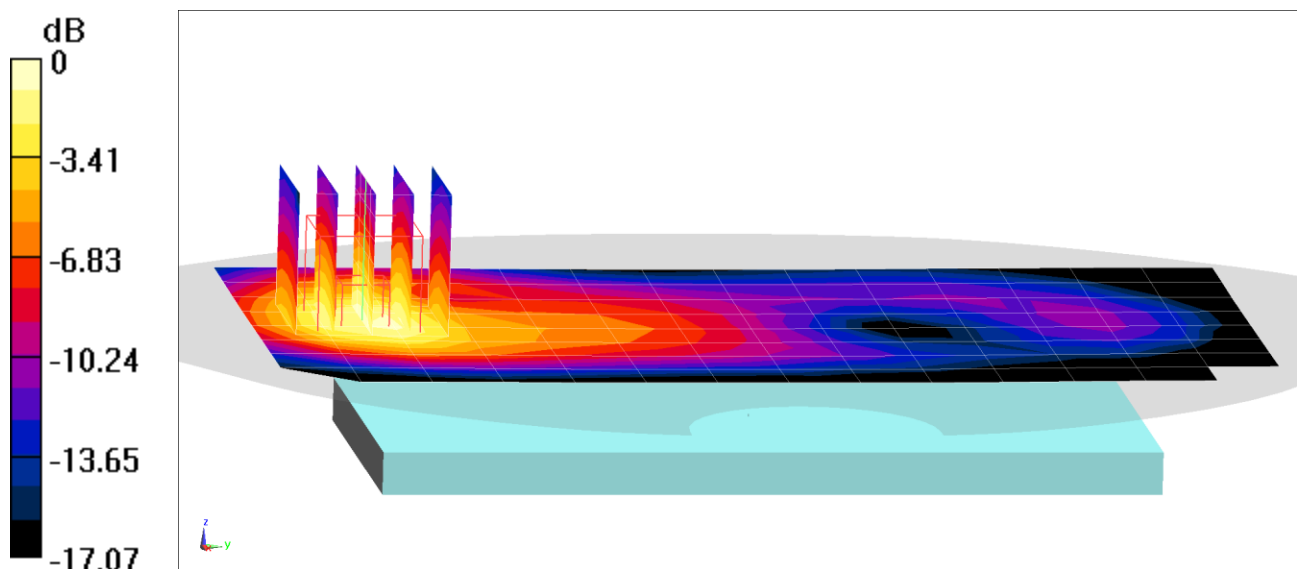
Area Scan (9x15x1): Measurement grid: dx=15mm, dy=15mm

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

Reference Value = 21.59 V/m; Power Drift = 0.14 dB

Peak SAR (extrapolated) = 1.03 W/kg

SAR(1 g) = 0.653 W/kg



0 dB = 0.904 W/kg = -0.44 dBW/kg

PCTEST

DUT: A3LSMS908U; Type: Portable Handset; Serial: 1137M

Communication System: UID 0, NR Band n66; Frequency: 1745 MHz; Duty Cycle: 1:1

Medium: 1750 Body; Medium parameters used:

$f = 1745 \text{ MHz}$; $\sigma = 1.487 \text{ S/m}$; $\epsilon_r = 52.523$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section; Space: 1.0 cm

Test Date: 10/05/2021; Ambient Temp: 23.4°C; Tissue Temp: 22.4°C

Probe: EX3DV4 - SN7357; ConvF(8.12, 8.12, 8.12) @ 1745 MHz; Calibrated: 4/19/2021

Sensor-Surface: 1.4mm (Mechanical Surface Detection)

Electronics: DAE4 Sn1407; Calibrated: 4/7/2021

Phantom: Twin-SAM V5.0 Front; Type: QD 000 P40 CD; Serial: 1686

Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7495)

**Mode: NR Band n66 Antenna A, Body SAR, Bottom Edge, 40 MHz Bandwidth,
DFT-s-OFDM QPSK, Ch. 349000, 216 RB, 0 RB Offset**

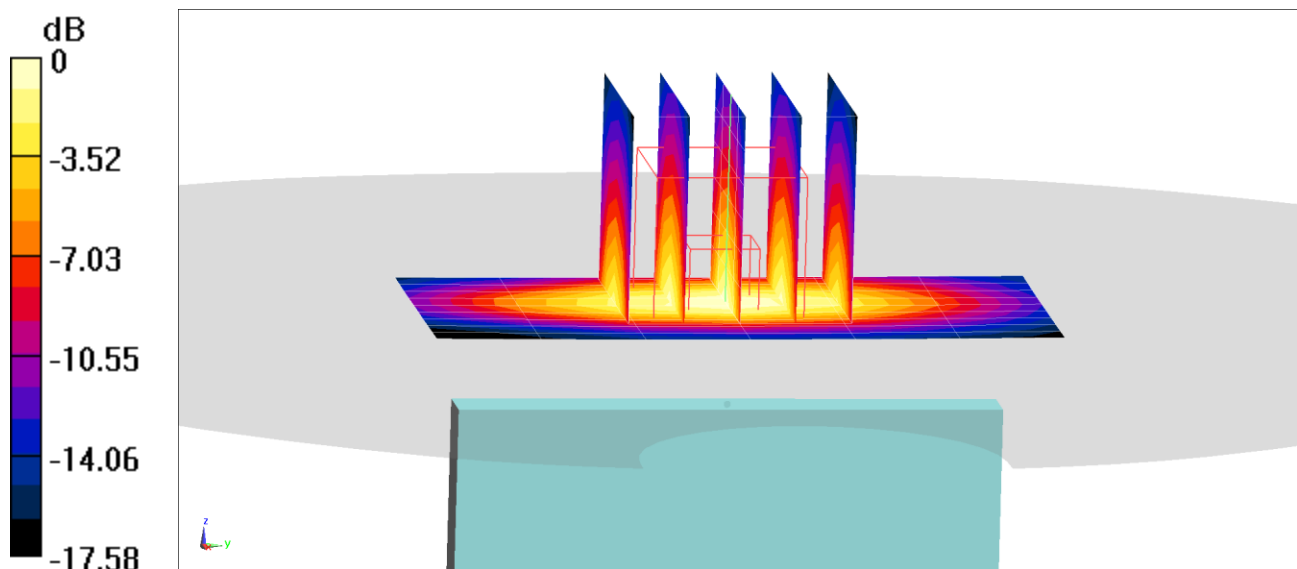
Area Scan (10x7x1): Measurement grid: dx=5mm, dy=15mm

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

Reference Value = 23.30 V/m; Power Drift = 0.16 dB

Peak SAR (extrapolated) = 1.43 W/kg

SAR(1 g) = 0.829 W/kg



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

PCTEST

DUT: A3LSMS908U; Type: Portable Handset; Serial: 1125M

Communication System: UID:10934 - AAB, 5G NR FR1 FDD; MAIA: Y; Frequency: 1882.5 MHz

Medium: 1900 Body; Medium parameters used:

$f = 1882.5$ MHz; $\text{cond} = 1.53$ S/m; $\text{perm} = 50.9$; $\text{density} = 1000$ kg/m³

Phantom Section: Flat; Space: 15.00 mm

Test Date: 10/19/2021; Ambient Temp: 21.2°C; Tissue Temp: 20.4°C

Probe: EX3DV4 - SN7659; ConvF:(9.07,9.07,9.07); Calibrated: 2021-06-29

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

Electronics: DAE4 Sn1678; Calibrated: 2021-06-21

Phantom: Twin-SAM V8.0; Serial: 2060

Measurement SW: DASY Module SAR V16.0.0.65

**Mode: NR Band n25 Antenna A, Body SAR, Back Side, 40 MHz Bandwidth,
Ch. 376500, DFT-s-OFDM QPSK, 1 RB, 108 RB Offset**

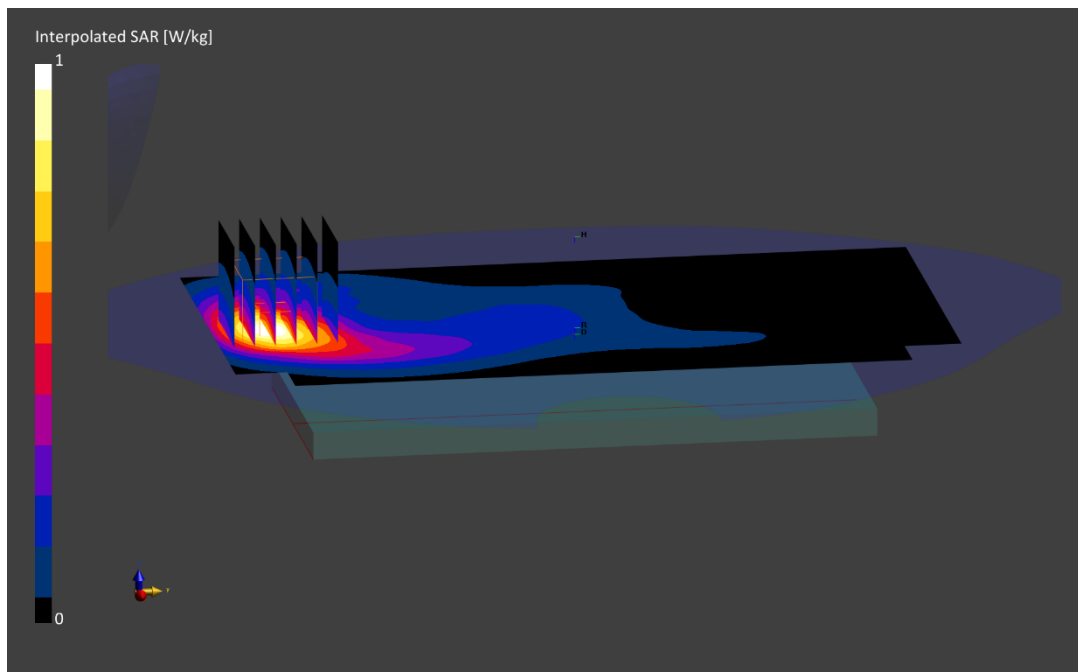
Area Scan (120.0 x 210.0): Measurement grid: $dx=15.0$ mm, $dy=15.0$ mm

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

Reference Value = 0.73 W/kg; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 1.00 W/kg

SAR(1 g) = 0.599 W/kg



PCTEST

DUT: A3LSMS908U; Type: Portable Handset; Serial: 1125M

Communication System: UID 0, NR Band n25; Frequency: 1882.5 MHz; Duty Cycle: 1:1

Medium: 1900 Body Medium parameters used (interpolated):

$f = 1882.5$ MHz; $\sigma = 1.519$ S/m; $\epsilon_r = 52.035$; $\rho = 1000$ kg/m³

Phantom section: Flat Section; Space: 1.0 cm

Test Date: 11/04/2021; Ambient Temp: 21°C; Tissue Temp: 23.0°C

Probe: EX3DV4 - SN7410; ConvF(7.7, 7.7, 7.7) @ 1882.5 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 (7495)

**Mode: NR Band n25, Antenna A, Body SAR, Bottom Edge, 40 MHz Bandwidth,
DFT-s-OFDM QPSK, Ch. 376500, 216 RB, 0 RB Offset**

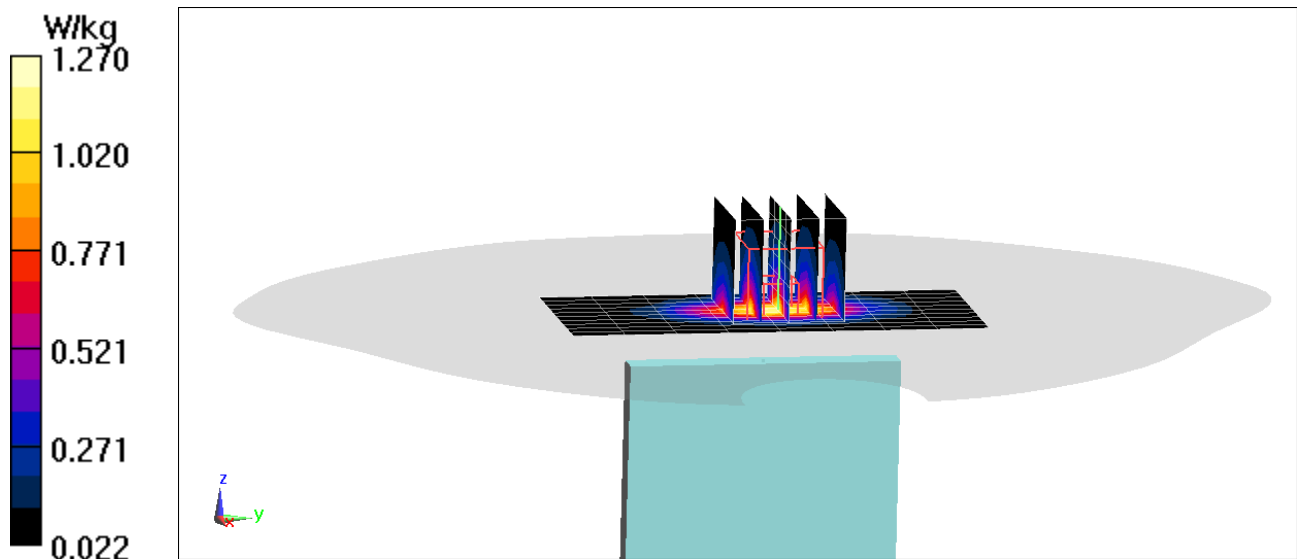
Area Scan (11x9x1): Measurement grid: dx=5mm, dy=15mm

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

Reference Value = 24.97 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 1.50 W/kg

SAR(1 g) = 0.846 W/kg



PCTEST

DUT: A3LSMS908U; Type: Portable Handset; Serial: 1156M

Communication System: UID:10929 - AAB, 5G NR FR1 FDD; MAIA: Y; Frequency: 2310.0 MHz

Medium: 2450 Body; Medium parameters used:

$f = 2310.0$ MHz; $\text{cond} = 1.88$ S/m; $\text{perm} = 52.7$; $\text{density} = 1000$ kg/m³

Phantom Section: Flat; Space: 15.00 mm

Test Date: 09/22/2021; Ambient Temp: 23.6°C; Tissue Temp: 23.5°C

Probe: EX3DV4 - SN3914; ConvF:(7.41,7.41,7.41); Calibrated: 2021-05-18

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

Electronics: DAE4 Sn728; Calibrated: 2021-05-11

Phantom: Twin-SAM V5.0 (Left); Serial: 1873

Measurement SW: DASY Module SAR V16.0.0.116

**Mode: NR Band n30, Body SAR, Back Side, 10 MHz Bandwidth, DFT-s-OFDM QPSK,
Ch. 462000, 1 RB, 26 RB Offset**

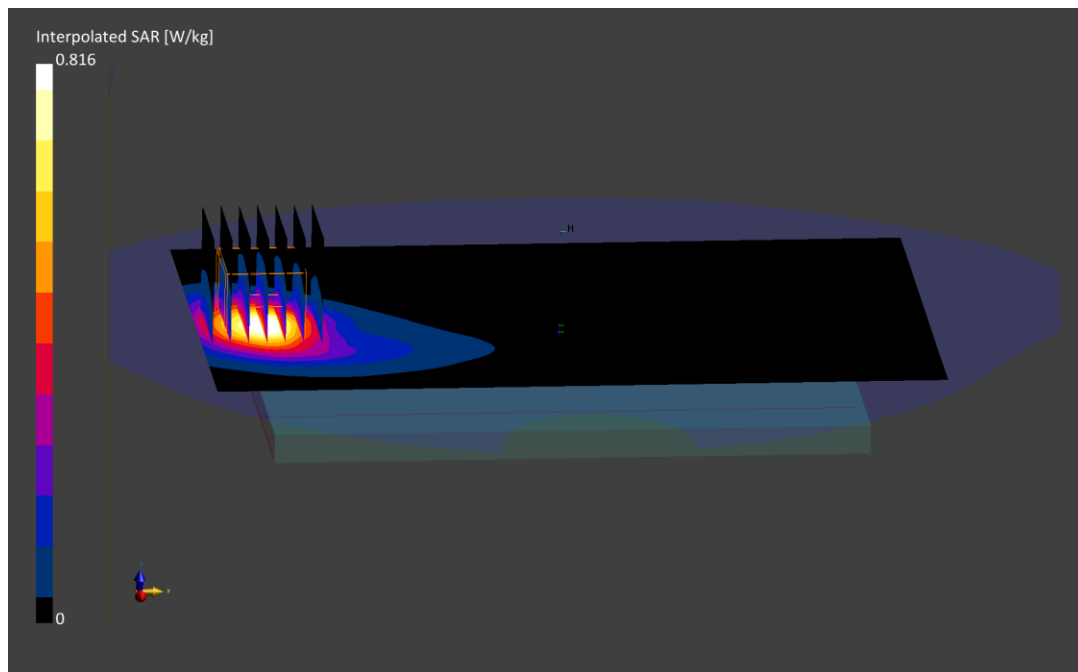
Area Scan (120.0 x 200.0): Measurement grid: $dx=10.0$ mm, $dy=10.0$ mm

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 = 0.41 W/kg; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 0.816 W/kg

SAR(1 g) = 0.451 W/kg



PCTEST

DUT: A3LSMS908U; Type: Portable Handset; Serial: 1156M

Communication System: UID:10945 - AAB, 5G NR FR1 FDD; MAIA: Y; Frequency: 2310.0 MHz

Medium: 2450 Body; Medium parameters used:

$f = 2310.0$ MHz; $\text{cond} = 1.87$ S/m; $\text{perm} = 53.6$; $\text{density} = 1000$ kg/m³

Phantom Section: Flat; Space: 10.00 mm

Test Date: 10/04/2021; Ambient Temp: 22.8°C; Tissue Temp: 22.9°C

Probe: EX3DV4 - SN3914; ConvF:(7.41,7.41,7.41); Calibrated: 2021-05-18

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

Electronics: DAE4 Sn728; Calibrated: 2021-05-11

Phantom: Twin-SAM V5.0 (Left); Serial: 1873

Measurement SW: DASY Module SAR V16.0.0.116

**Mode: NR Band n30 Antenna A, Body SAR, Bottom Edge, 10 MHz Bandwidth,
DFT-s-OFDM QPSK, Ch. 462000, 50 RB, 0 RB Offset**

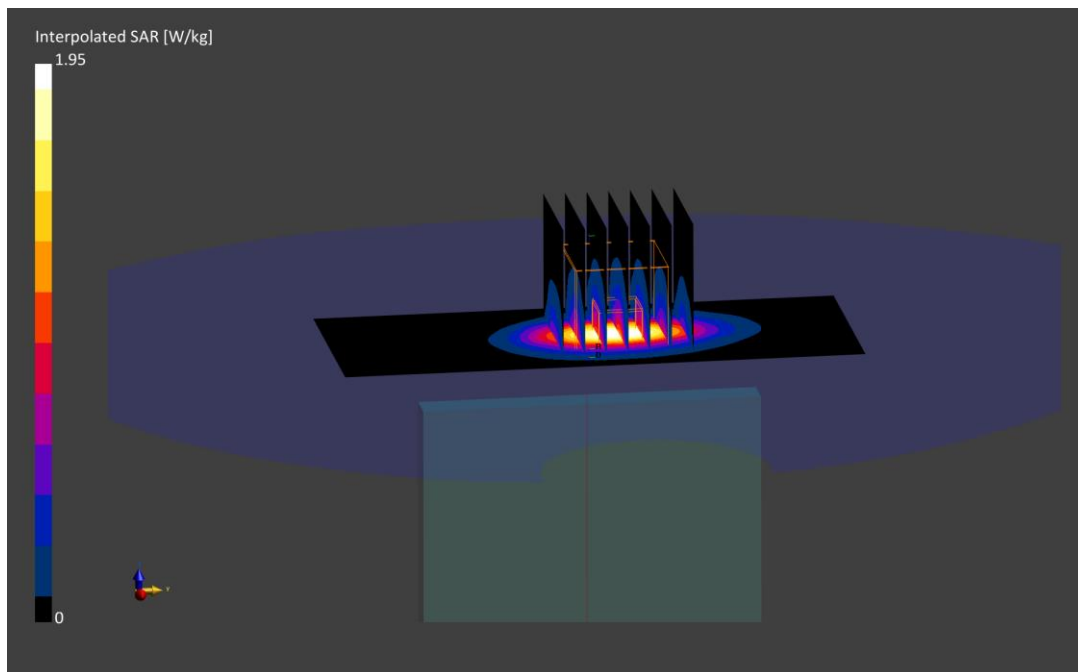
Area Scan (48.0 x 120.0): Measurement grid: $dx=5.0$ mm, $dy=10.0$ mm

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

Reference Value = 0.84 W/kg; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 1.95 W/kg

SAR(1 g) = 0.983 W/kg



PCTEST

DUT: A3LSMS908U; Type: Portable Handset; Serial: 1145M

Communication System: UID:10934 - AAB, 5G NR FR1 FDD; MAIA: Y; Frequency: 2535.0 MHz

Medium: 2450 Body; Medium parameters used:

$f = 2535.0$ MHz; $\text{cond} = 2.12$ S/m; $\text{perm} = 51.6$; $\text{density} = 1000$ kg/m³

Phantom Section: Flat; Space: 15.00 mm

Test Date: 11/01/2021; Ambient Temp: 21.3°C; Tissue Temp: 21.2°C

Probe: EX3DV4 - SN7659; ConvF:(8.37,8.37,8.37); Calibrated: 2021-06-29

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

Electronics: DAE4 Sn1678; Calibrated: 2021-06-21

Phantom: Twin-SAM V8.0; Serial: 2060

Measurement SW: DASY Module SAR V16.0.0.65

**Mode: NR Band n7 Antenna B, Body SAR, Back Side, 40 MHz Bandwidth,
DFT-s-OFDM QPSK, Ch. 507000, 108 RB, 54 RB Offset**

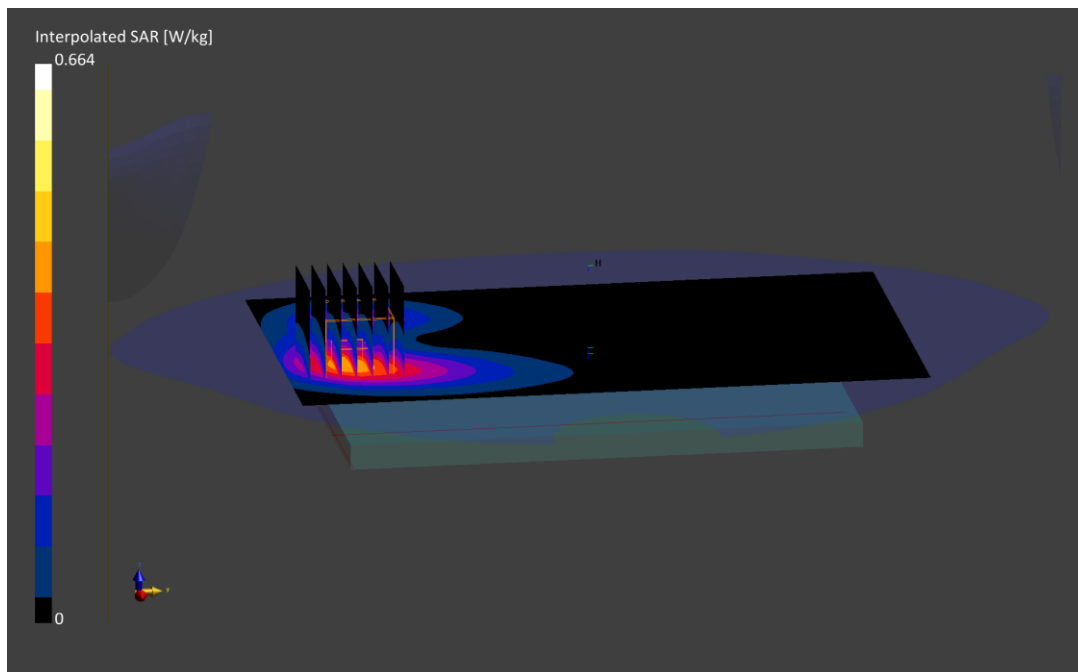
Area Scan (120.0 x 200.0): Measurement grid: $dx=10.0$ mm, $dy=10.0$ mm

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 = 0.45 W/kg; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 0.664 W/kg

SAR(1 g) = 0.354 W/kg



PCTEST

DUT: A3LSMS908U; Type: Portable Handset; Serial: 1145M

Communication System: UID:10950 - AAB, 5G NR FR1 FDD; MAIA: Y; Frequency: 2535.0 MHz

Medium: 2450 Body; Medium parameters used:

$f = 2535.0$ MHz; $\text{cond} = 2.12$ S/m; $\text{perm} = 51.6$; $\text{density} = 1000$ kg/m³

Phantom Section: Flat; Space: 10.00 mm

Test Date: 11/01/2021; Ambient Temp: 21.3°C; Tissue Temp: 21.2°C

Probe: EX3DV4 - SN7659; ConvF:(8.37,8.37,8.37); Calibrated: 2021-06-29

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

Electronics: DAE4 Sn1678; Calibrated: 2021-06-21

Phantom: Twin-SAM V8.0; Serial: 2060

Measurement SW: DASY Module SAR V16.0.0.65

**NR Band n7, Antenna B, Body SAR, Bottom Edge, 40 MHz Bandwidth,
DFT-s-OFDM QPSK, Ch. 507000, 216 RB, 0 RB Offset**

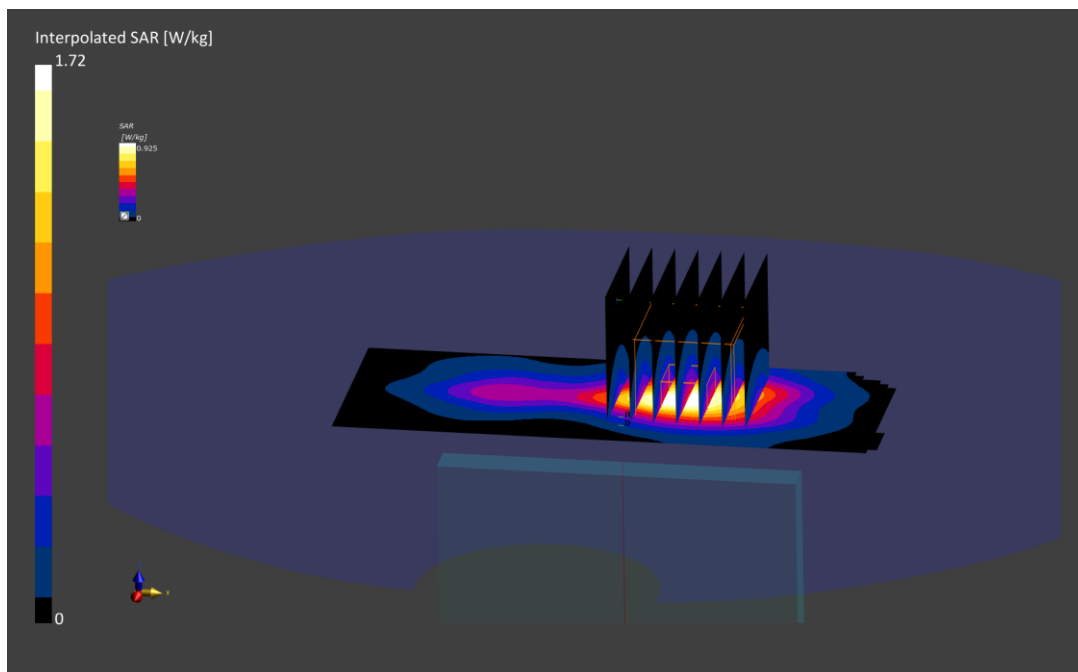
Area Scan (40.0 x 120.0): Measurement grid: $dx=5.0$ mm, $dy=10.0$ mm

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

Reference Value = 1.13 W/kg; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 1.72 W/kg

SAR(1 g) = 0.860 W/kg



PCTEST

DUT: A3LSMS908U; Type: Portable Handset; Serial: 0959M

Communication System: UID:10803 - AAD, 5G NR FR1 TDD; MAIA: Y; Frequency: 2593.0 MHz

Medium: 2450 Body; Medium parameters used:

$f = 2593.0$ MHz; $\text{cond} = 2.22$ S/m; $\text{perm} = 51.3$; $\text{density} = 1000$ kg/m³

Phantom Section: Flat; Space: 15.00 mm

Test Date: 11/01/2021; Ambient Temp: 21.3°C; Tissue Temp: 23.3°C

Probe: EX3DV4 - SN7670; ConvF:(7.7,7.7,7.7); Calibrated: 2021-08-05

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

Electronics: DAE4 Sn1681; Calibrated: 2021-08-03

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

Measurement SW: DASY Module SAR V16.0.0.116

**Mode: NR Band n41 Antenna J, Body SAR, Back Side, 100 MHz Bandwidth,
Ch. 518598, CP-OFDM, QPSK, 1 RB, 1 RB Offset**

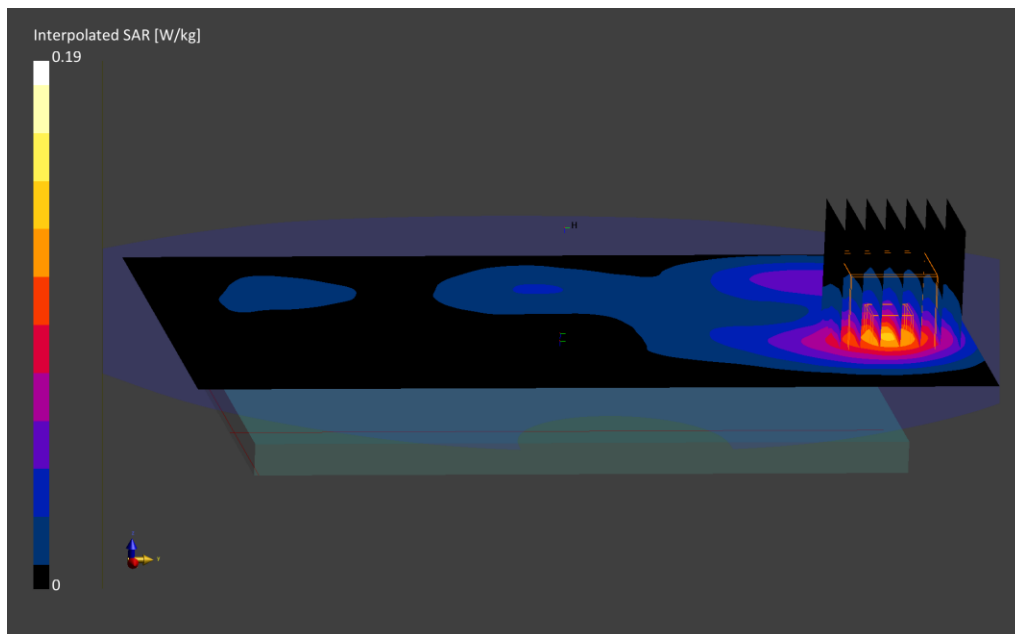
Area Scan (120.0 x 200.0): Measurement grid: $dx=10.0$ mm, $dy=10.0$ mm

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

Reference Value = 0.10 W/kg; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 0.190 W/kg

SAR(1 g) = 0.10 W/kg



PCTEST

DUT: A3LSMS908U; Type: Portable Handset; Serial: 0959M

Communication System: UID:10803 - AAD, 5G NR FR1 TDD; MAIA: Y; Frequency: 2593.0 MHz

Medium: 2450 Body; Medium parameters used:

$f = 2593.0$ MHz; $\text{cond} = 2.22$ S/m; $\text{perm} = 51.3$; $\text{density} = 1000$ kg/m³

Phantom Section: Flat; Space: 10.00 mm

Test Date: 11/01/2021; Ambient Temp: 21.3°C; Tissue Temp: 23.3°C

Probe: EX3DV4 - SN7670; ConvF:(7.7,7.7,7.7); Calibrated: 2021-08-05

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

Electronics: DAE4 Sn1681; Calibrated: 2021-08-03

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

Measurement SW: DASY Module SAR V16.0.0.116

**Mode: NR Band n41, Antenna J, Body SAR, Top Edge, 100 MHz Bandwidth,
Ch. 518598, CP-OFDM, QPSK, 1 RB, 1 RB Offset**

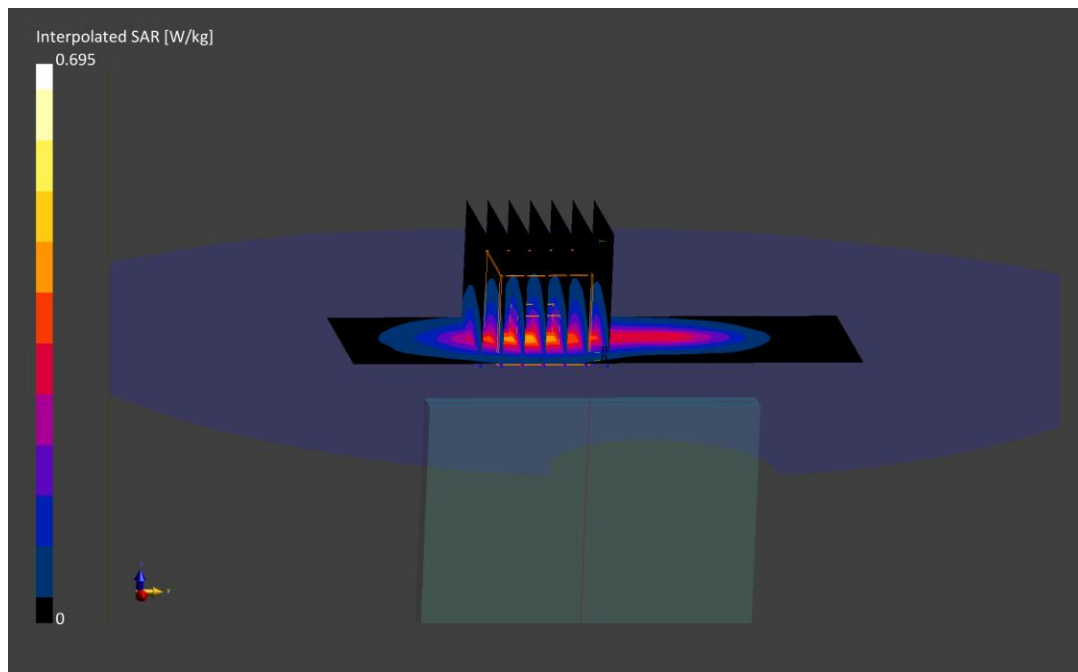
Area Scan (40.0 x 120.0): Measurement grid: $dx=5.0$ mm, $dy=10.0$ mm

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

Reference Value = 0.32 W/kg; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.695 W/kg

SAR(1 g) = 0.338 W/kg



PCTEST

DUT: A3LSMS908U; Type: Portable Handset; Serial: 0575M

Communication System: UID:10803 - AAD, 5G NR FR1 TDD; MAIA: Y; Frequency: 3500.0 MHz

Medium: 3600 Body; Medium parameters used:

$f = 3500.0$ MHz; $\text{cond} = 3.23$ S/m; $\text{perm} = 49.7$; $\text{density} = 1000$ kg/m³

Phantom Section: Flat; Space: 15.00 mm

Test Date: 10/11/2021; Ambient Temp: 20.3°C; Tissue Temp: 20.0°C

Probe: EX3DV4 - SN7551; ConvF:(6.23,6.23,6.23); Calibrated: 2020-10-20

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

Electronics: DAE4 Sn1333; Calibrated: 2020-10-16

Phantom: Twin-SAM V5.0; Serial: 1692 Right Back

Measurement SW: DASY Module SAR V16.0.0.116

**Mode: NR Band n77 DoD, Antenna F, Body SAR, Back side, 100 MHz Bandwidth,
Ch. 633334, CP-OFDM QPSK, 1 RB, 1 RB Offset**

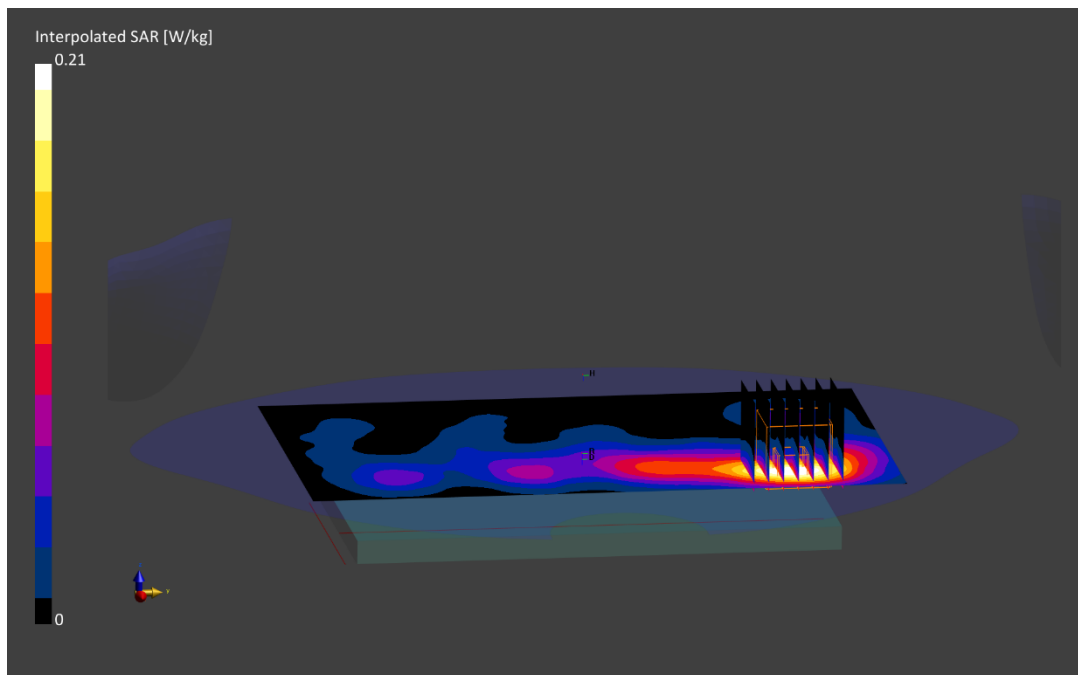
Area Scan (120.0 x 200.0): Measurement grid: $dx=10.0$ mm, $dy=10.0$ mm

Zoom Scan (28.0 x 28.0 x 28.0): Measurement grid: $dx=5.0$ mm, $dy=5.0$ mm, $dz=1.4$ mm; Graded Ratio: 1.5

Reference Value = 0.07 W/kg; Power Drift = -0.19 dB

Peak SAR (extrapolated) = 0.210 W/kg

SAR(1 g) = 0.099 W/kg



PCTEST

DUT: A3LSMS908U; Type: Portable Handset; Serial: 0575M

Communication System: UID:10868 - AAD, 5G NR FR1 TDD; MAIA: Y; Frequency: 3500.0 MHz

Medium: 3600 Body; Medium parameters used:

$f = 3500.0$ MHz; $\text{cond} = 3.23$ S/m; $\text{perm} = 49.7$; $\text{density} = 1000$ kg/m³

Phantom Section: Flat; Space: 10.00 mm

Test Date: 10/11/2021; Ambient Temp: 20.3°C; Tissue Temp: 20.0°C

Probe: EX3DV4 - SN7551; ConvF:(6.23,6.23,6.23); Calibrated: 2020-10-20

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

Electronics: DAE4 Sn1333; Calibrated: 2020-10-16

Phantom: Twin-SAM V5.0; Serial: 1692 Right Back

Measurement SW: DASY Module SAR V16.0.0.116

**Mode: NR Band n77 DoD, Body SAR, Left Edge, 100 MHz Bandwidth,
Ch. 633334, DFT-s-OFDM QPSK, 270 RB, 0 RB Offset**

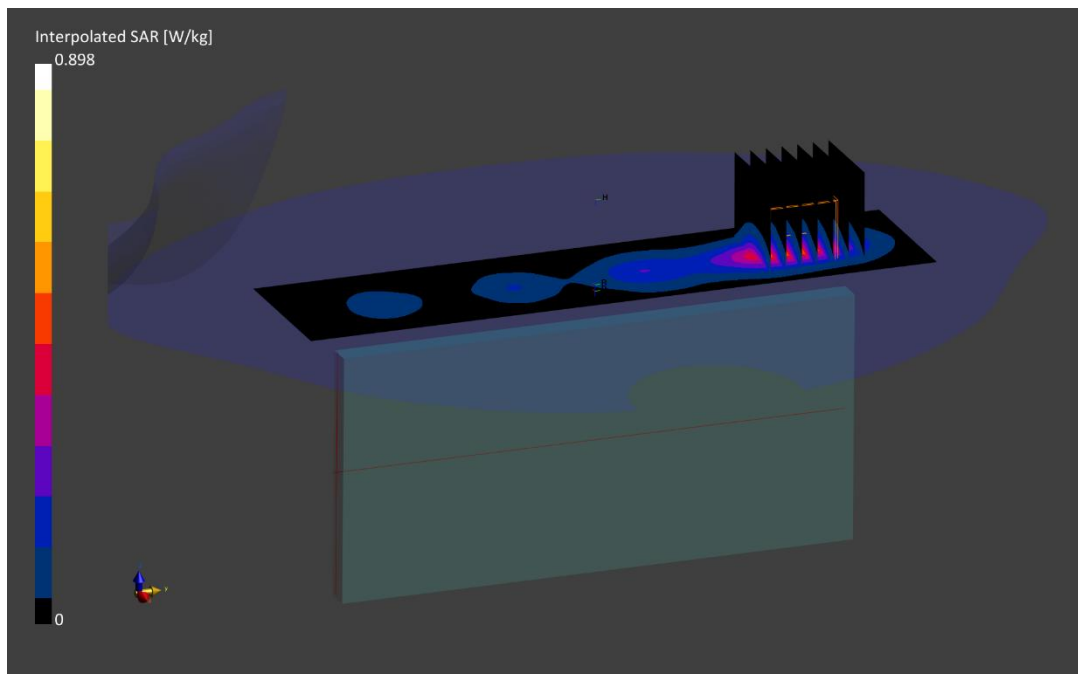
Area Scan (48.0 x 200.0): Measurement grid: $dx=5.0$ mm, $dy=10.0$ mm

Zoom Scan (28.0 x 28.0 x 28.0): Measurement grid: $dx=5.0$ mm, $dy=5.0$ mm, $dz=1.4$ mm; Graded Ratio: 1.5

Reference Value = 0.25 W/kg; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.898 W/kg

SAR(1 g) = 0.387 W/kg



PCTEST

DUT: A3LSMS908U; Type: Portable Handset; Serial: 0575M

Communication System: UID:10917 - AAB, 5G NR FR1 TDD; MAIA: Y; Frequency: 3930.0 MHz

Medium: 3600 Body; Medium parameters used:

$f = 3930.0$ MHz; $\text{cond} = 3.75$ S/m; $\text{perm} = 48.9$; $\text{density} = 1000$ kg/m³

Phantom Section: Flat; Space: 15.00 mm

Test Date: 10/11/2021; Ambient Temp: 20.3°C; Tissue Temp: 20.0°C

Probe: EX3DV4 - SN7551; ConvF:(5.91,5.91,5.91); Calibrated: 2020-10-20

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

Electronics: DAE4 Sn1333; Calibrated: 2020-10-16

Phantom: Twin-SAM V5.0; Serial: 1692 Right Back

Measurement SW: DASY Module SAR V16.0.0.116

**Mode: NR Band n77 C-Band, Antenna F, Body SAR, Back side, 100 MHz Bandwidth,
Ch. 662000, DFT-s-OFDM QPSK, 135 RB, 138 RB Offset**

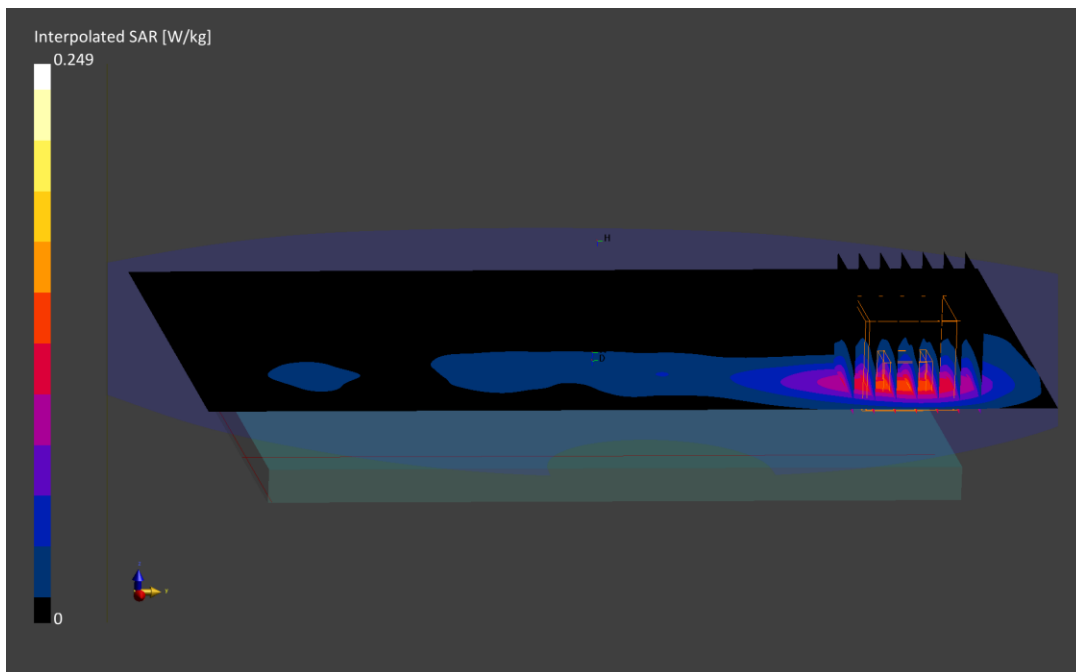
Area Scan (120.0 x 200.0): Measurement grid: $dx=10.0$ mm, $dy=10.0$ mm

Zoom Scan (28.0 x 28.0 x 28.0): Measurement grid: $dx=5.0$ mm, $dy=5.0$ mm, $dz=1.4$ mm; Graded Ratio: 1.5

Reference Value = 0.07 W/kg; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 0.249 W/kg

SAR(1 g) = 0.114 W/kg



PCTEST

DUT: A3LSMS908U; Type: Portable Handset; Serial: 0575M

Communication System: UID:10803 - AAD, 5G NR FR1 TDD; MAIA: Y; Frequency: 3930.0 MHz

Medium: 3600 Body; Medium parameters used:

$f = 3930.0$ MHz; $\text{cond} = 3.72$ S/m; $\text{perm} = 50.6$; $\text{density} = 1000$ kg/m³

Phantom Section: Flat; Space: 10.00 mm

Test Date: 11/18/2021; Ambient Temp: 20.5°C; Tissue Temp: 20.5°C

Probe: EX3DV4 - SN7661; ConvF:(6.51,6.51,6.51); Calibrated: 2021-06-28

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

Electronics: DAE4 Sn1450; Calibrated: 2021-08-16

Phantom: Twin-SAM V5.0; Serial: 1692 Right Back

Measurement SW: DASY Module SAR V16.0.0.116

**Mode: NR Band n77 C-Band, Body SAR, Left Edge, 100 MHz Bandwidth,
Ch. 662000, CP-OFDM QPSK, 1 RB, 1 RB Offset**

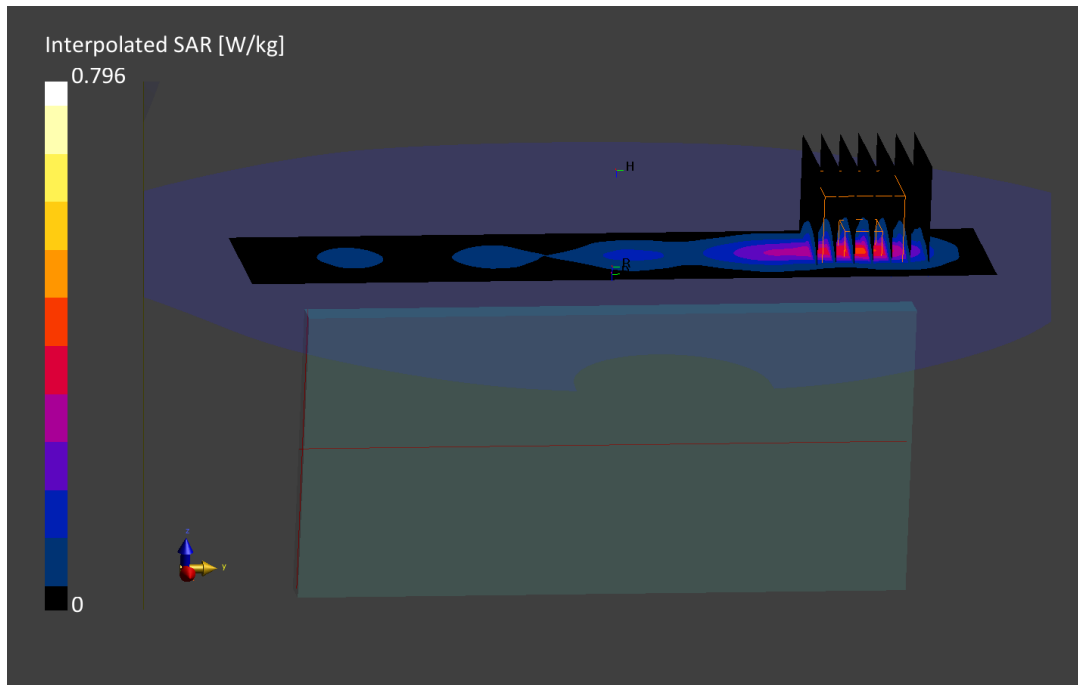
Area Scan (40.0 x 200.0): Measurement grid: $dx=5.0$ mm, $dy=10.0$ mm

Zoom Scan (28.0 x 28.0 x 28.0): Measurement grid: $dx=5.0$ mm, $dy=5.0$ mm, $dz=1.4$ mm; Graded Ratio: 1.5

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

Peak SAR (extrapolated) = 0.796 W/kg

SAR(1 g) = 0.301 W/kg



PCTEST

DUT: A3LSMS908U; Type: Portable Handset; Serial: 0954M

Communication System: UID:10415 - AAA, WLAN; MAIA: Y; Frequency: 2412.0 MHz

Medium: 2450 Body; Medium parameters used:

$f = 2412.0$ MHz; $\text{cond} = 1.99$ S/m; $\text{perm} = 51.6$; $\text{density} = 1000$ kg/m³

Phantom Section: Flat; Space: 15.00 mm

Test Date: 10/24/2021; Ambient Temp: 21.0°C; Tissue Temp: 21.0°C

Probe: EX3DV4 - SN7637; ConvF:(8.77,8.77,8.77); Calibrated: 2021-03-03

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

Electronics: DAE4 Sn1652; Calibrated: 2021-03-01

Phantom: Twin-SAM V8.0; Serial: 1934

Measurement SW: DASY Module SAR V16.0.0.116

Mode: IEEE 802.11b, 22 MHz Bandwidth, Antenna 2, Body SAR, Back side, Ch. 1, 1 Mbps

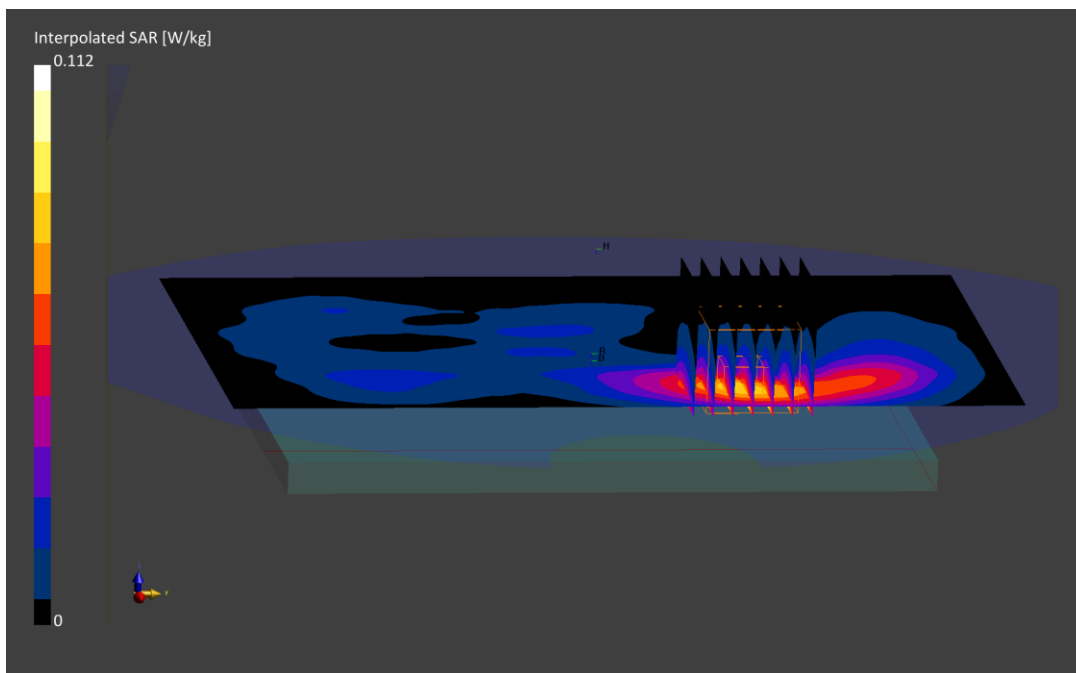
Area Scan (120.0 x 200.0): Measurement grid: $dx=10.0$ mm, $dy=10.0$ mm

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

Reference Value = 0.06 W/kg; Power Drift = 0.16 dB

Peak SAR (extrapolated) = 0.112 W/kg

SAR(1 g) = 0.060 W/kg



PCTEST

DUT: A3LSMS908U; Type: Portable Handset; Serial: 0954M

Communication System: UID:10415 - AAA, WLAN; MAIA: Y; Frequency: 2412.0 MHz

Medium: 2450 Body; Medium parameters used:

$f = 2412.0$ MHz; $\text{cond} = 1.99$ S/m; $\text{perm} = 51.6$; $\text{density} = 1000$ kg/m³

Phantom Section: Flat; Space: 10.00 mm

Test Date: 10/24/2021; Ambient Temp: 21.0°C; Tissue Temp: 21.0°C

Probe: EX3DV4 - SN7637; ConvF:(8.77,8.77,8.77); Calibrated: 2021-03-03

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

Electronics: DAE4 Sn1652; Calibrated: 2021-03-01

Phantom: Twin-SAM V8.0; Serial: 1934

Measurement SW: DASY Module SAR V16.0.0.116

Mode: IEEE 802.11b, 22 MHz Bandwidth, Antenna 2, Body SAR, Left Edge, Ch. 1, 1 Mbps

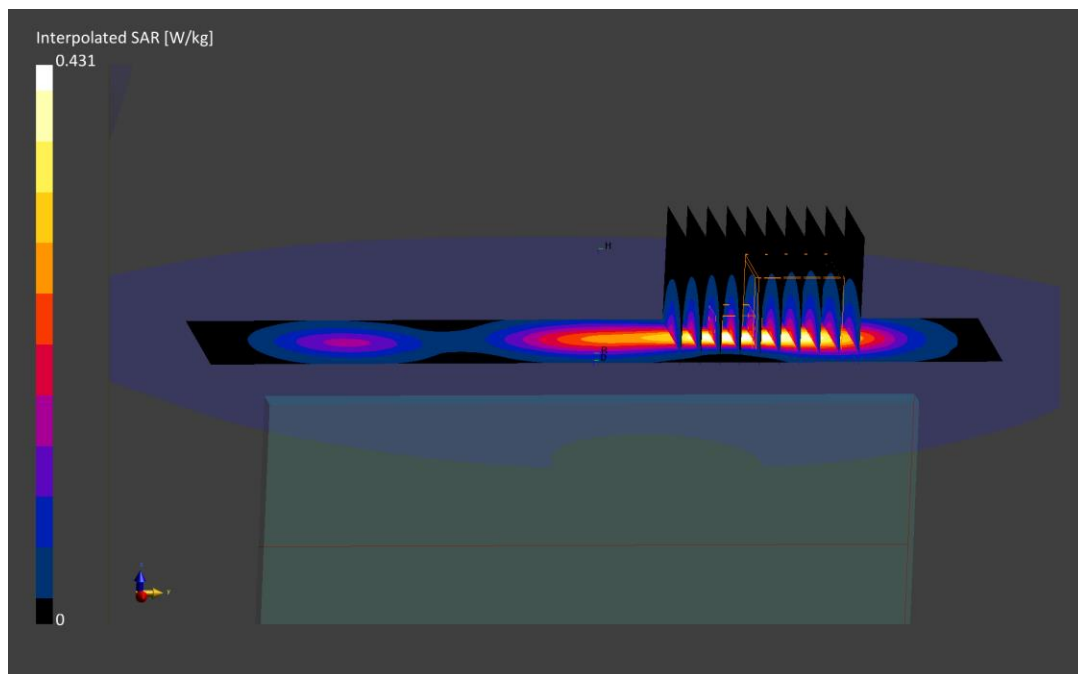
Area Scan (40.0 x 200.0): Measurement grid: $dx=5.0$ mm, $dy=10.0$ mm

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

Reference Value = 0.22 W/kg; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 0.431 W/kg

SAR(1 g) = 0.207 W/kg



PCTEST

DUT: A3LSMS908U; Type: Portable Handset; Serial: 0990M

Communication System: UID:10626 - AAC, WLAN; MAIA: Y; Frequency: 5690.0 MHz

Medium: 5200-5800 Body; Medium parameters used:

$f = 5690.0$ MHz; $\text{cond} = 6.04$ S/m; $\text{perm} = 46.5$; $\text{density} = 1000$ kg/m³

Phantom Section: Flat; Space: 15.00 mm

Test Date: 10/25/2021; Ambient Temp: 20.7°C; Tissue Temp: 21.5°C

Probe: EX3DV4 - SN7526; ConvF:(4.18,4.18,4.18); Calibrated: 2021-03-16

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

Electronics: DAE4 Sn1272; Calibrated: 2021-03-18

Phantom: Twin-SAM V5.0; Serial: 1800

Measurement SW: DASY Module SAR V16.0.0.116

**Mode: IEEE 802.11ac, 80 MHz Bandwidth, UNII-2C,
MIMO, Ch. 138, Body SAR, Back side, 58.5 Mbps**

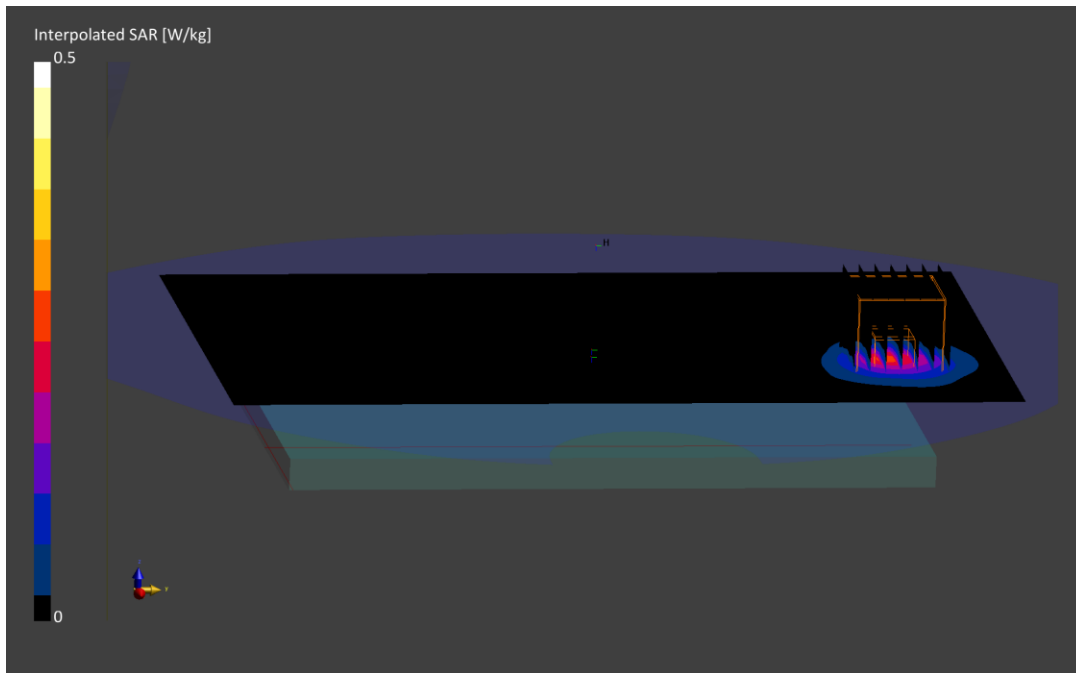
Area Scan (120.0 x 200.0): Measurement grid: $dx=10.0$ mm, $dy=10.0$ mm

Zoom Scan (22.0 x 22.0 x 22.0): Measurement grid: $dx=4.0$ mm, $dy=4.0$ mm, $dz=1.4$ mm; Graded Ratio: 1.4

Reference Value = 0.13 W/kg; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 0.798 W/kg

SAR(1 g) = 0.191 W/kg



PCTEST

DUT: A3LSMS908U; Type: Portable Handset; Serial: 0990M

Communication System: UID:10626 - AAC, WLAN; MAIA: Y; Frequency: 5775.0 MHz

Medium: 5200-5800 Body; Medium parameters used:

$f = 5775.0$ MHz; $\text{cond} = 6.17$ S/m; $\text{perm} = 46.3$; $\text{density} = 1000$ kg/m³

Phantom Section: Flat; Space: 10.00 mm

Test Date: 10/25/2021; Ambient Temp: 20.7°C; Tissue Temp: 21.5°C

Probe: EX3DV4 - SN7526; ConvF:(4.18,4.18,4.18); Calibrated: 2021-03-16

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

Electronics: DAE4 Sn1272; Calibrated: 2021-03-18

Phantom: Twin-SAM V5.0; Serial: 1800

Measurement SW: DASY Module SAR V16.0.0.116

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

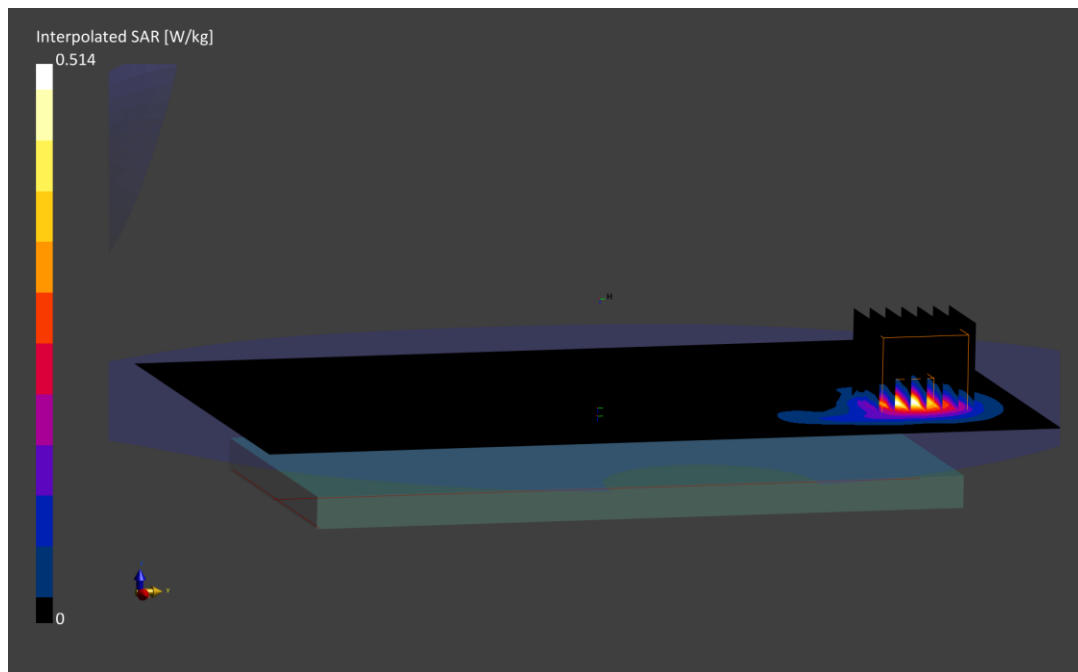
Area Scan (120.0 x 200.0): Measurement grid: $dx=10.0$ mm, $dy=10.0$ mm

Zoom Scan (22.0 x 22.0 x 22.0): Measurement grid: $dx=4.0$ mm, $dy=4.0$ mm, $dz=1.4$ mm; Graded Ratio: 1.4

Reference Value = 0.26 W/kg; Power Drift = -0.16 dB

Peak SAR (extrapolated) = 1.71 W/kg

SAR(1 g) = 0.394 W/kg



PCTEST

DUT: A3LSMS908U; Type: Portable Handset; Serial: 0954M

Communication System: UID:10032 - CAA, Bluetooth; MAIA: Y; Frequency: 2441.0 MHz

Medium: 2450 Body; Medium parameters used:

$f = 2441.0$ MHz; $\text{cond} = 2.00$ S/m; $\text{perm} = 51.5$; $\text{density} = 1000$ kg/m³

Phantom Section: Flat; Space: 15.00 mm

Test Date: 11/03/2021; Ambient Temp: 21.5°C; Tissue Temp: 21.9°C

Probe: EX3DV4 - SN7637; ConvF:(8.77,8.77,8.77); Calibrated: 2021-03-03

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

Electronics: DAE4 Sn1652; Calibrated: 2021-03-01

Phantom: Twin-SAM V8.0; Serial: 1934

Measurement SW: DASY Module SAR V16.0.0.116

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

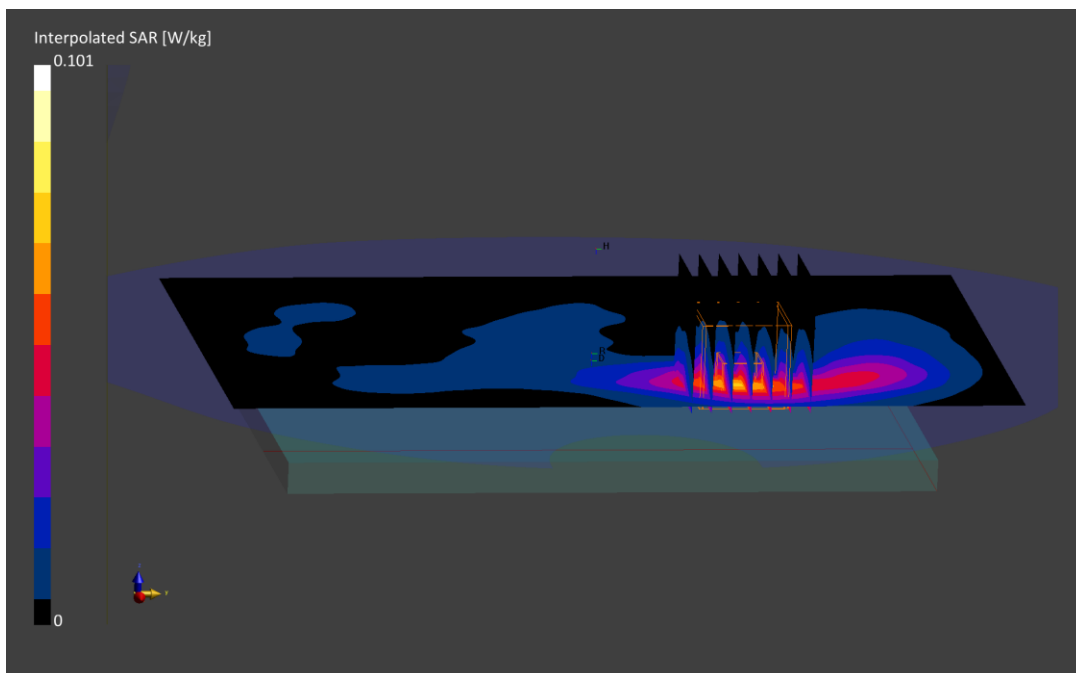
Area Scan (120.0 x 200.0): Measurement grid: $dx=10.0$ mm, $dy=10.0$ mm

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

Reference Value = 0.06 W/kg; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 0.101 W/kg

SAR(1 g) = 0.052 W/kg



PCTEST

DUT: A3LSMS908U; Type: Portable Handset; Serial: 0954M

Communication System: UID:10032 - CAA, Bluetooth; MAIA: Y; Frequency: 2441.0 MHz

Medium: 2450 Body; Medium parameters used:

$f = 2441.0$ MHz; $\text{cond} = 2.00$ S/m; $\text{perm} = 51.5$; $\text{density} = 1000$ kg/m³

Phantom Section: Flat; Space: 10.00 mm

Test Date: 11/03/2021; Ambient Temp: 21.5°C; Tissue Temp: 21.9°C

Probe: EX3DV4 - SN7637; ConvF:(8.77,8.77,8.77); Calibrated: 2021-03-03

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

Electronics: DAE4 Sn1652; Calibrated: 2021-03-01

Phantom: Twin-SAM V8.0; Serial: 1934

Measurement SW: DASY Module SAR V16.0.0.116

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

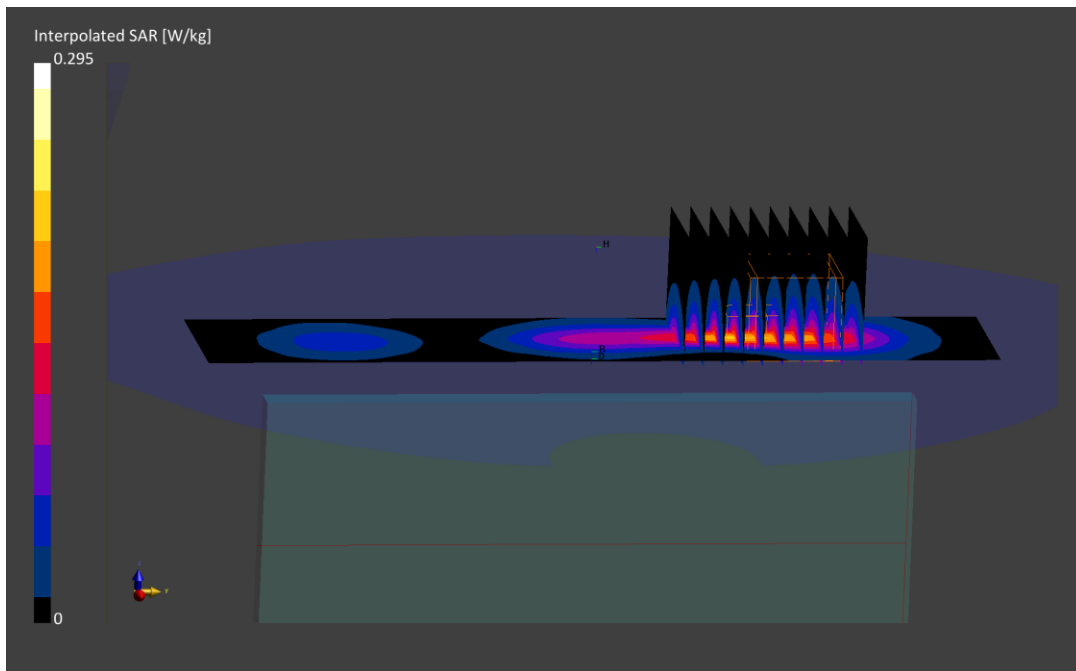
Area Scan (40.0 x 200.0): Measurement grid: $dx=5.0$ mm, $dy=10.0$ mm

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

Reference Value = 0.16 W/kg; Power Drift = -0.19 dB

Peak SAR (extrapolated) = 0.295 W/kg

SAR(1 g) = 0.142 W/kg



PCTEST

DUT: A3LSMS908U; Type: Portable Handset; Serial: 1246M

Communication System: UID 0, GSM GPRS; 3 Tx slots (0); Frequency: 1850.2 MHz; Duty Cycle: 1:2.76

Medium: 1900 Body; Medium parameters used (interpolated):

$f = 1850.2 \text{ MHz}$; $\sigma = 1.505 \text{ S/m}$; $\epsilon_r = 50.911$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section; Space: 0.0 cm

Test Date: 09/28/2021; Ambient Temp: 23.5°C; Tissue Temp: 19.4°C

Probe: EX3DV4 - SN7409; ConvF(7.68, 7.68, 7.68) @ 1850.2 MHz; Calibrated: 6/21/2021

Sensor-Surface: 1.4mm (Mechanical Surface Detection)

Electronics: DAE4 Sn1334; Calibrated: 6/15/2021

Phantom: Twin-SAM V5.0 Front; Type: QD 000 P40 CD; Serial: 1759

Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7495)

Mode: GPRS 1900, Body SAR, Bottom Edge, Low.ch, 3 Tx Slots

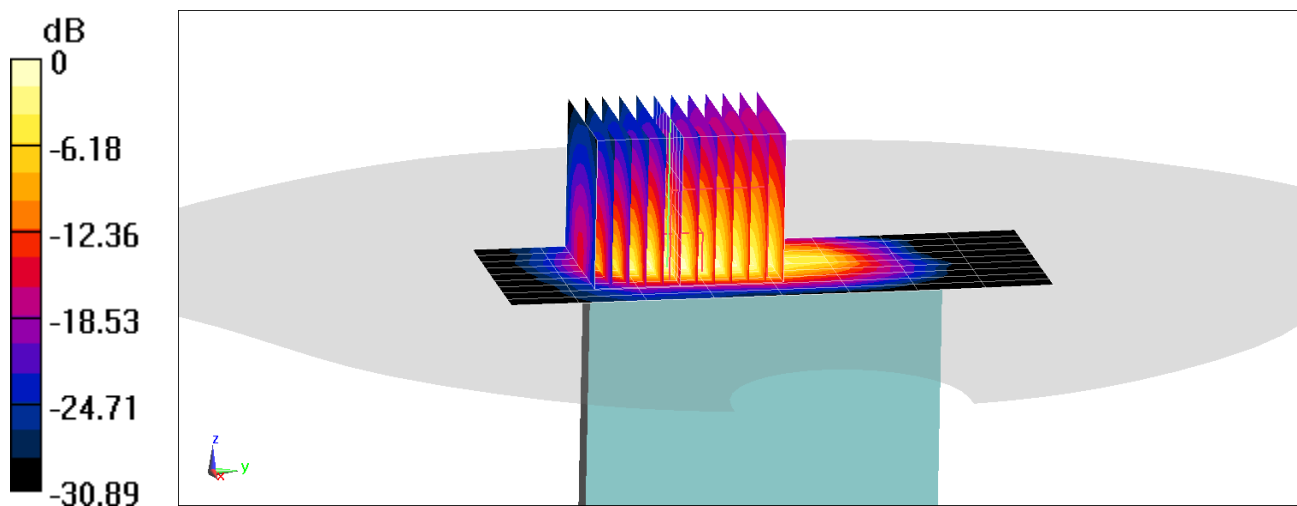
Area Scan (10x9x1): Measurement grid: $dx=5\text{mm}$, $dy=15\text{mm}$

Zoom Scan (10x12x8)/Cube 0: Measurement grid: $dx=3.8\text{mm}$, $dy=3.8\text{mm}$, $dz=1.4\text{mm}$

Reference Value = 62.40 V/m; Power Drift = -0.16 dB

Peak SAR (extrapolated) = 19.0 W/kg

SAR(10 g) = 2.27 W/kg



0 dB = 11.3 W/kg = 10.53 dBW/kg

PCTEST

DUT: A3LSMS908U; Type: Portable Handset; Serial: 1258M

Communication System: UID 0, UMTS; Frequency: 1732.4 MHz; Duty Cycle: 1:1

Medium: 1750 Body; Medium parameters used (interpolated):

$f = 1732.4$ MHz; $\sigma = 1.481$ S/m; $\epsilon_r = 51.844$; $\rho = 1000$ kg/m³

Phantom section: Flat Section; Space: 0.0 cm

Test Date: 09/23/2021; Ambient Temp: 23.0°C; Tissue Temp: 21.9°C

Probe: EX3DV4 - SN7357; ConvF(8.12, 8.12, 8.12) @ 1732.4 MHz; Calibrated: 4/19/2021

Sensor-Surface: 1.4mm (Mechanical Surface Detection)

Electronics: DAE4 Sn1407; Calibrated: 4/7/2021

Phantom: Twin-SAM V5.0 Front; Type: QD 000 P40 CD; Serial: 1686

Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7495)

Mode: UMTS 1750, Phablet SAR, Bottom Edge, Mid.ch

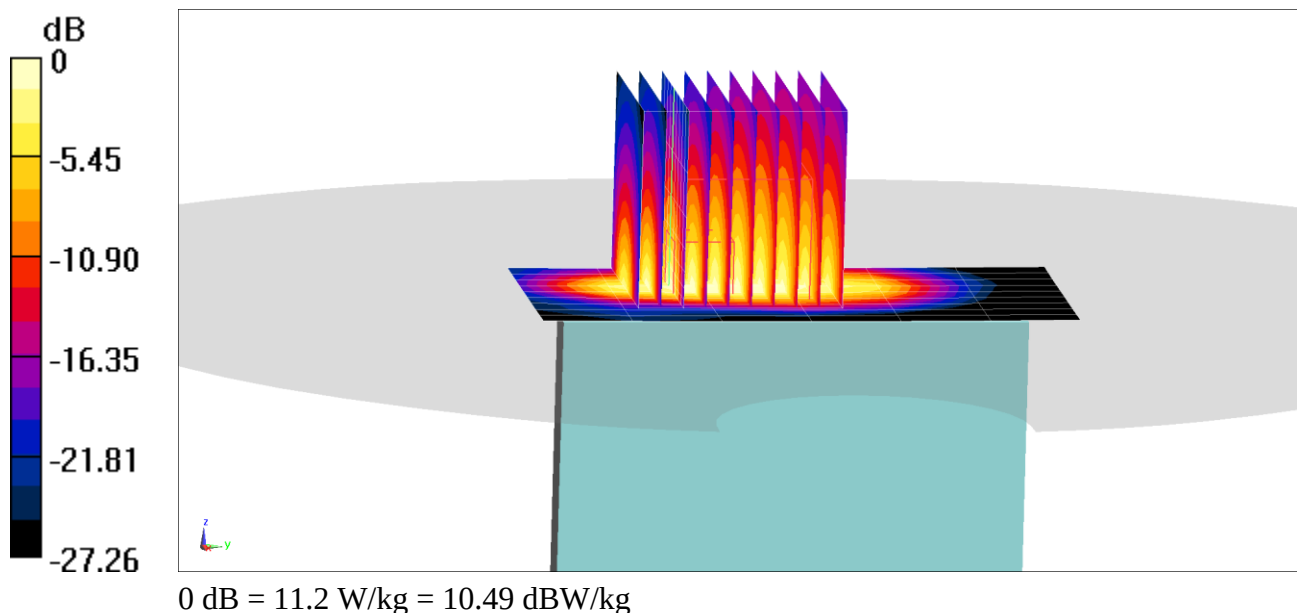
Area Scan (10x7x1): Measurement grid: dx=5mm, dy=15mm

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

Reference Value = 67.08 V/m; Power Drift = 0.00 dB

Peak SAR (extrapolated) = 19.8 W/kg

SAR(10 g) = 2.68 W/kg



PCTEST

DUT: A3LSMS908U; Type: Portable Handset; Serial: 1246M

Communication System: UID:10011 - CAB, WCDMA; MAIA: Y; Frequency: 1907.6 MHz

Medium: 1900 Body; Medium parameters used:

$f = 1907.6$ MHz; $\text{cond} = 1.54$ S/m; $\text{perm} = 51.2$; $\text{density} = 1000$ kg/m³

Phantom Section: Flat; Space: 0.00 mm

Test Date: 10/12/2021; Ambient Temp: 21.9°C; Tissue Temp: 21.5°C

Probe: EX3DV4 - SN7659; ConvF:(9.07,9.07,9.07); Calibrated: 2021-06-29

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

Electronics: DAE4 Sn1678; Calibrated: 2021-06-21

Phantom: Twin-SAM V8.0; Serial: 2060

Measurement SW: DASY Module SAR V16.0.0.65

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

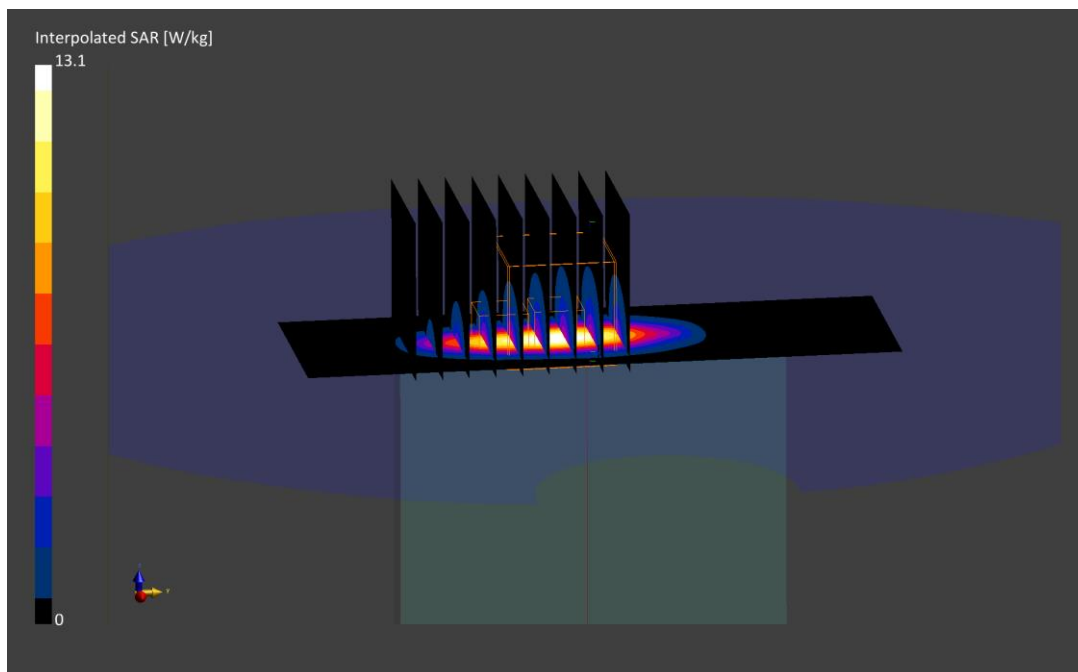
Area Scan (40.0 x 120.0): Measurement grid: $dx=5.0$ mm, $dy=15.0$ mm

Zoom Scan (30.0 x 30.0 x 30.0): Measurement grid: $dx=5.4$ mm, $dy=5.4$ mm, $dz=1.5$ mm; Graded Ratio: 1.5

Reference Value = 6.71 W/kg; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 13.1 W/kg

SAR(10 g) = 2.13 W/kg



PCTEST

DUT: A3LSMS908U; Type: Portable Handset; Serial: 1267M

Communication System: UID 0, LTE Band 66 (AWS); Frequency: 1715 MHz; Duty Cycle: 1:1

Medium: 1750 Body; Medium parameters used (interpolated):

$f = 1715 \text{ MHz}$; $\sigma = 1.454 \text{ S/m}$; $\epsilon_r = 52.617$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section; Space: 0.0 cm

Test Date: 10/05/2021; Ambient Temp: 23.4°C; Tissue Temp: 22.4°C

Probe: EX3DV4 - SN7357; ConvF(8.12, 8.12, 8.12) @ 1720 MHz, ConvF(8.12, 8.12, 8.12) @ 1715 MHz;

Calibrated: 4/19/2021

Sensor-Surface: 1.4mm (Mechanical Surface Detection)

Electronics: DAE4 Sn1407; Calibrated: 4/7/2021

Phantom: Twin-SAM V5.0 Front; Type: QD 000 P40 CD; Serial: 1686

Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7495)

**Mode: LTE Band 66 (AWS), Phablet SAR, Bottom Edge, Low.ch,
10 MHz Bandwidth, QPSK, 50 RB, 0 RB Offset**

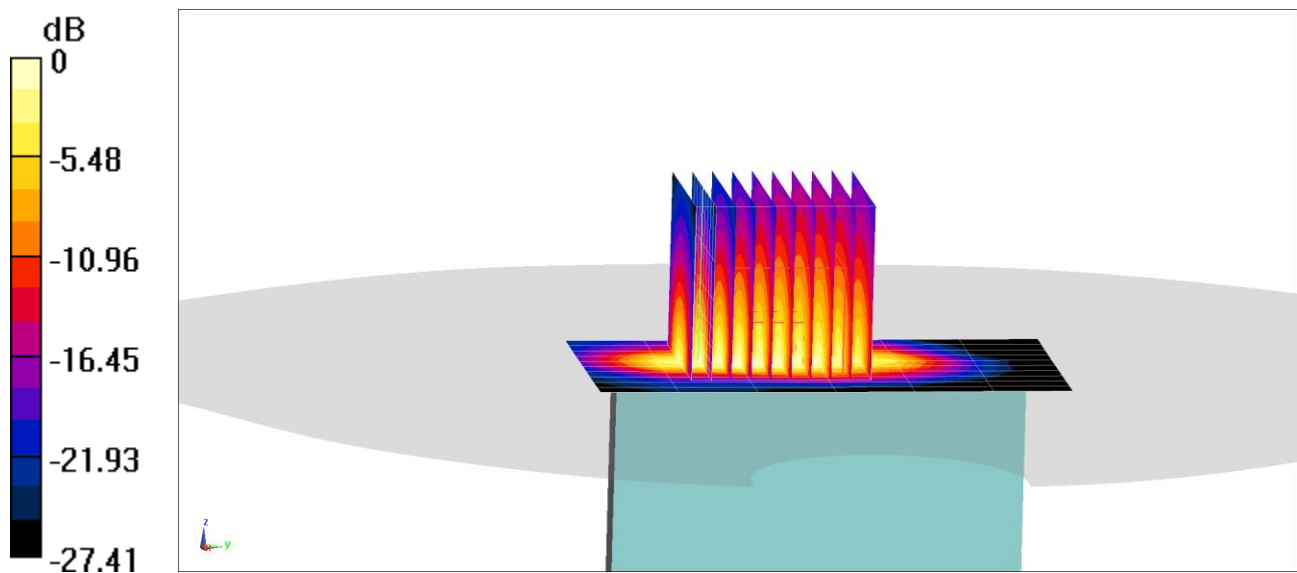
Area Scan (11x7x1): Measurement grid: $dx=5\text{mm}$, $dy=15\text{mm}$

Zoom Scan (10x10x8)/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 = 65.63 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 19.3 W/kg

SAR(10 g) = 2.52 W/kg



0 dB = 11.0 W/kg = 10.41 dBW/kg

PCTEST

DUT: A3LSMS908U; Type: Portable Handset; Serial:1168M

Communication System: UID:10169 - CAE, LTE-FDD; MAIA: Y; Frequency: 1905.0 MHz

Medium: 1900 Body; Medium parameters used:

$f = 1905.0$ MHz; $\text{cond} = 1.56$ S/m; $\text{perm} = 50.8$; $\text{density} = 1000$ kg/m³

Phantom Section: Flat; Space: 0.00 mm

Test Date: 10/10/2021; Ambient Temp: 21.9°C; Tissue Temp: 21.5°C

Probe: EX3DV4 - SN7659; ConvF:(9.07,9.07,9.07); Calibrated: 2021-06-29

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

Electronics: DAE4 Sn1678; Calibrated: 2021-06-21

Phantom: Twin-SAM V8.0; Serial: 2060

Measurement SW: DASY Module SAR V16.0.0.65

**Mode: LTE Band 25, Phablet SAR, Bottom edge, High.ch,
20 MHz Bandwidth, QPSK, 1 RB, 50 RB Offset**

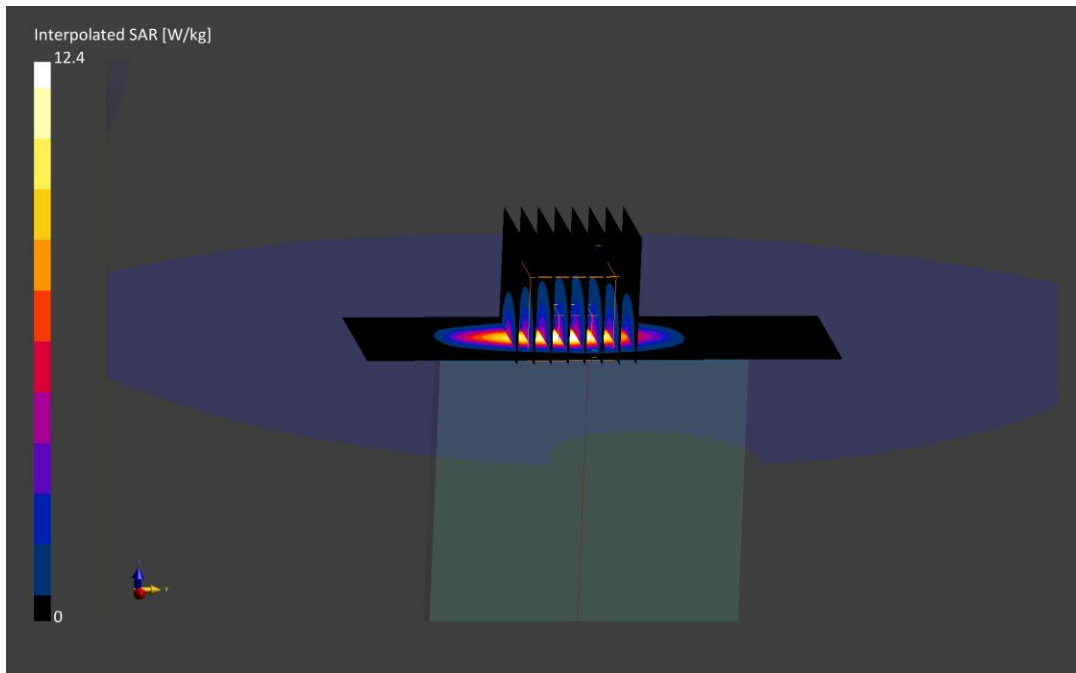
Area Scan (40.0 x 120.0): Measurement grid: $dx=5.0$ mm, $dy=15.0$ mm

Zoom Scan (30.0 x 30.0 x 30.0): Measurement grid: $dx=4.3$ mm, $dy=4.3$ mm, $dz=1.5$ mm; Graded Ratio: 1.5

Reference Value = 5.66 W/kg; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 12.4 W/kg

SAR(10 g) = 2.28 W/kg



PCTEST

DUT: A3LSMS908U; Type: Portable Handset; Serial: 1143M

Communication System: UID:10154 - CAG, LTE-FDD; MAIA: Y; Frequency: 2310.0 MHz

Medium: 2450 Body; Medium parameters used:

$f = 2310.0$ MHz; $\text{cond} = 1.90$ S/m; $\text{perm} = 53.4$; $\text{density} = 1000$ kg/m³

Phantom Section: Flat; Space: 0.00 mm

Test Date: 10/11/2021; Ambient Temp: 19.9°C; Tissue Temp: 21.9°C

Probe: EX3DV4 - SN7526; ConvF:(7.29,7.29,7.29); Calibrated: 2021-03-16

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

Electronics: DAE4 Sn1272; Calibrated: 2021-03-18

Phantom: Twin-SAM V5.0; Serial: 1758

Measurement SW: DASY Module SAR V16.0.0.116

**Mode: LTE Band 30, Phablet SAR, Back Side,
10 MHz Bandwidth, Mid.ch, QPSK, 25 RB, 12 RB Offset**

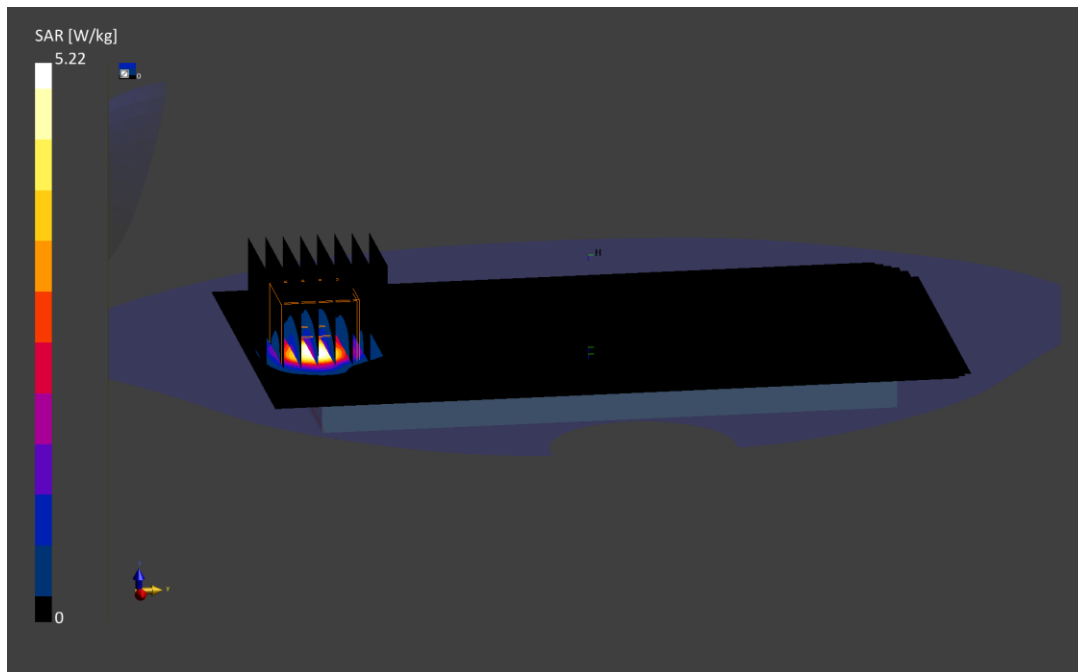
Area Scan (120.0 x 200.0): Measurement grid: $dx=10.0$ mm, $dy=10.0$ mm

Zoom Scan (30.0 x 30.0 x 30.0): Measurement grid: $dx=4.9$ mm, $dy=4.9$ mm, $dz=1.5$ mm; Graded Ratio: 1.5

Reference Value = 4.41 W/kg; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 14.4 W/kg

SAR(10 g) = 2.04 W/kg



PCTEST

DUT: A3LSMS908U; Type: Portable Handset; Serial: 1170M

Communication System: UID:10297 - AAD, LTE-FDD; MAIA: Y; Frequency: 2510.0 MHz

Medium: 2450 Body; Medium parameters used:

$f = 2510.0$ MHz; $\text{cond} = 2.11$ S/m; $\text{perm} = 50.3$; $\text{density} = 1000$ kg/m³

Phantom Section: Flat; Space: 0.00 mm

Test Date: 10/13/2021; Ambient Temp: 21.9°C; Tissue Temp: 22.9°C

Probe: EX3DV4 - SN3914; ConvF:(7.33,7.33,7.33); Calibrated: 2021-05-18

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

Electronics: DAE4 Sn728; Calibrated: 2021-05-11

Phantom: Twin-SAM V5.0 (Left); Serial: 1873

Measurement SW: DASY Module SAR V16.0.0.116

**Mode: LTE Band 7, Phablet SAR, Bottom Edge,
20 MHz Bandwidth, Low.ch, QPSK, 50 RB, 50 RB Offset**

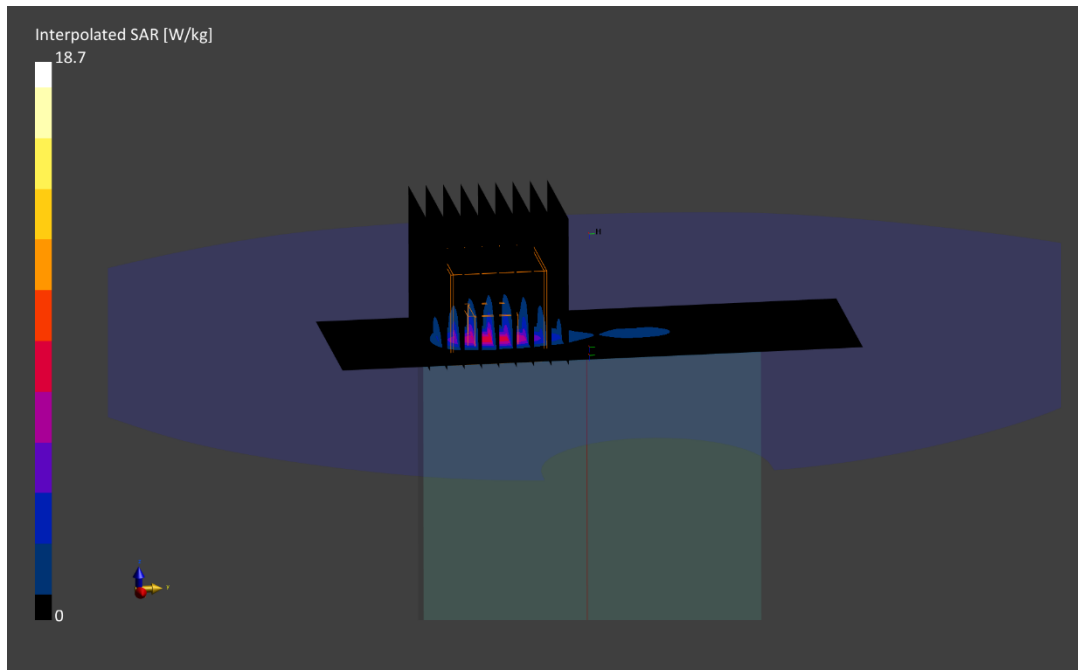
Area Scan (40.0 x 120.0): Measurement grid: $dx=5.0$ mm, $dy=10.0$ mm

Zoom Scan (30.0 x 30.0 x 30.0): Measurement grid: $dx=4.0$ mm, $dy=4.0$ mm, $dz=1.4$ mm; Graded Ratio: 1.4

Reference Value = 4.99 W/kg; Power Drift = 0.00 dB

Peak SAR (extrapolated) = 18.7 W/kg

SAR(10 g) = 1.94 W/kg



PCTEST

DUT: A3LSMS908U; Type: Portable Handset; Serial: 1149M

Communication System: UID:10435 - AAF, LTE-TDD; MAIA: Y; Frequency: 2506.0 MHz

Medium: 2450 Body; Medium parameters used:

$f = 2506.0$ MHz; $\text{cond} = 2.07$ S/m; $\text{perm} = 51.3$; $\text{density} = 1000$ kg/m³

Phantom Section: Flat; Space: 0.00 mm

Test Date: 10/10/2021; Ambient Temp: 22.4°C; Tissue Temp: 22.5°C

Probe: EX3DV4 - SN3914; ConvF:(7.33,7.33,7.33); Calibrated: 2021-05-18

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

Electronics: DAE4 Sn728; Calibrated: 2021-05-11

Phantom: Twin-SAM V5.0 (Left); Serial: 1873

Measurement SW: DASY Module SAR V16.0.0.116

**Mode: LTE Band 41, Phablet SAR, Bottom Edge, Low.ch,
20 MHz Bandwidth, QPSK, 1 RB, 50 RB Offset**

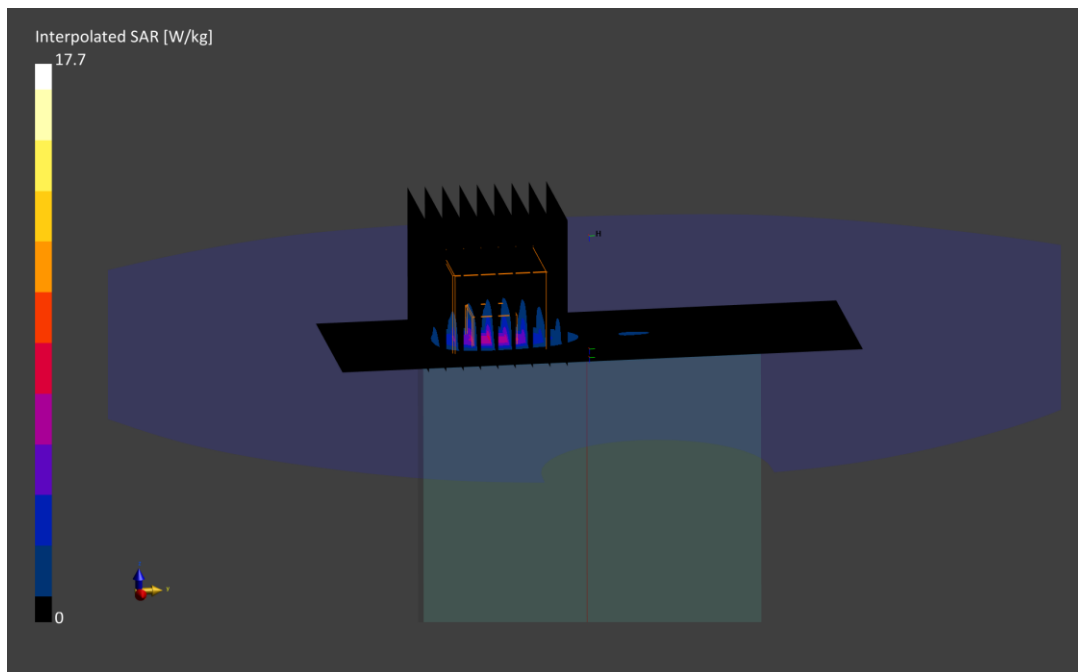
Area Scan (40.0 x 120.0): Measurement grid: $dx=5.0$ mm, $dy=10.0$ mm

Zoom Scan (30.0 x 30.0 x 30.0): Measurement grid: $dx=4.0$ mm, $dy=4.0$ mm, $dz=1.4$ mm; Graded Ratio: 1.4

Reference Value = 4.31 W/kg; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 17.7 W/kg

SAR(10 g) = 1.72 W/kg



PCTEST

DUT: A3LSMS908U; Type: Portable Handset; Serial: 0543M

Communication System: UID:10494 - AAF, LTE-TDD; MAIA: Y; Frequency: 3560.0 MHz

Medium: 3600 Body; Medium parameters used:

$f = 3560.0$ MHz; $\text{cond} = 3.26$ S/m; $\text{perm} = 51.2$; $\text{density} = 1000$ kg/m³

Phantom Section: Flat; Space: 0.00 mm

Test Date: 11/18/2021; Ambient Temp: 20.5°C; Tissue Temp: 20.5°C

Probe: EX3DV4 - SN7661; ConvF:(6.7,6.7,6.7); Calibrated: 2021-06-28

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

Electronics: DAE4 Sn1450; Calibrated: 2021-08-16

Phantom: Twin-SAM V5.0; Serial: 1692 Right Back

Measurement SW: DASY Module SAR V16.0.0.116

**Mode: LTE Band 48, Phablet SAR, Left Edge, Low.ch,
20 MHz Bandwidth, QPSK, 50 RB, 25 RB Offset**

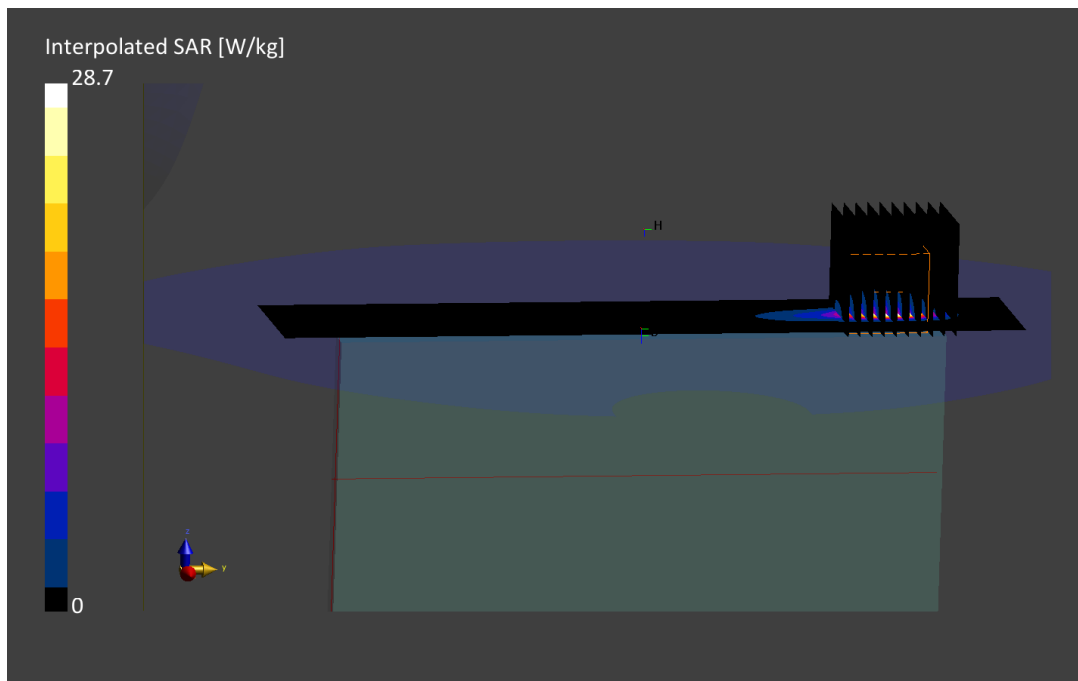
Area Scan (40.0 x 200.0): Measurement grid: $dx=5.0$ mm, $dy=10.0$ mm

Zoom Scan (28.0 x 28.0 x 28.0): Measurement grid: $dx=3.24$ mm, $dy=3.24$ mm, $dz=1.4$ mm; Graded Ratio: 1.5

Reference Value = 4.28 W/kg; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 28.7 W/kg

SAR(10 g) = 1.84 W/kg



PCTEST

DUT: A3LSMS908U; Type: Portable Handset; Serial: 1137M

Communication System: UID 0, NR Band n66; Frequency: 1745 MHz; Duty Cycle: 1:1

Medium: 1750 Body Medium parameters used:

$f = 1745 \text{ MHz}$; $\sigma = 1.486 \text{ S/m}$; $\epsilon_r = 53.322$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section ; Space: 0.0 cm

Test Date: 10/14/2021; Ambient Temp: 23.2°C; Tissue Temp: 22.5°C

Probe: EX3DV4 - SN7357; ConvF(8.12, 8.12, 8.12) @ 1745 MHz; Calibrated: 4/19/2021

Sensor-Surface: 1.4mm (Mechanical Surface Detection)

Electronics: DAE4 Sn1407; Calibrated: 4/7/2021

Phantom: Twin-SAM V5.0 Front; Type: QD 000 P40 CD; Serial: 1686

Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7495)

**Mode: NR Band n66 Antenna A, Phablet SAR, Bottom Edge, 40 MHz Bandwidth,
CP-OFDM QPSK, Ch. 349000, 1 RB, 1 RB Offset**

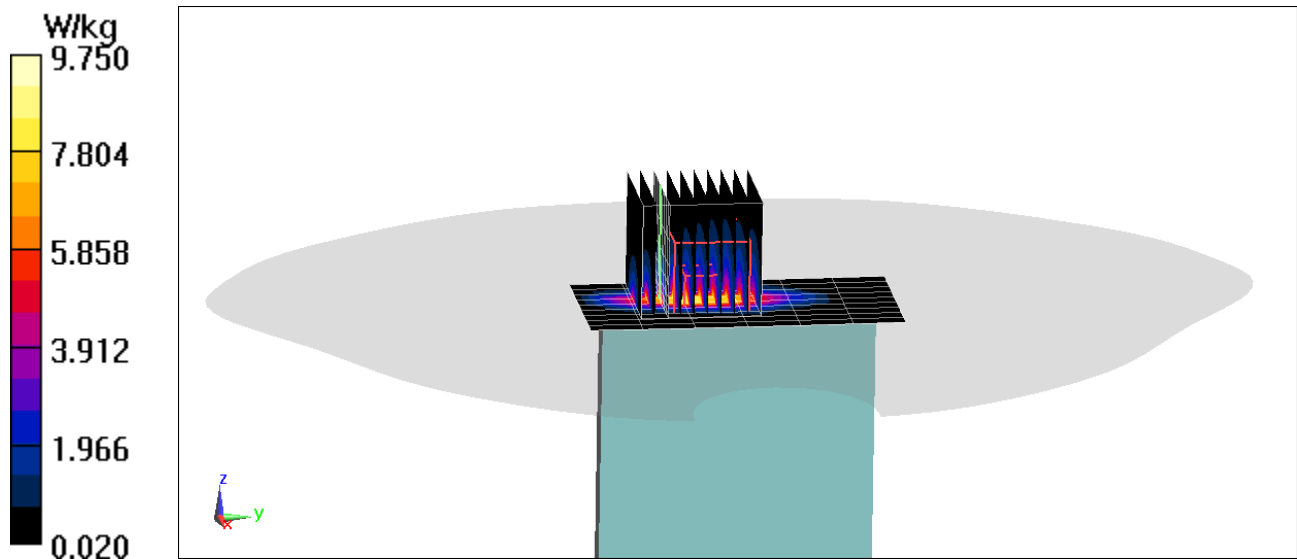
Area Scan (10x7x1): Measurement grid: dx=5mm, dy=15mm

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

Reference Value = 63.04 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 16.2 W/kg

SAR(10 g) = 2.4 W/kg



PCTEST

DUT: A3LSMS908U; Type: Portable Handset; Serial: 1125M

Communication System: UID:10950 - AAB, 5G NR FR1 FDD; MAIA: Y; Frequency: 1882.5 MHz

Medium: 1900 Body; Medium parameters used:

$f = 1882.5$ MHz; $\text{cond} = 1.53$ S/m; $\text{perm} = 50.9$; $\text{density} = 1000$ kg/m³

Phantom Section: Flat; Space: 0.00 mm

Test Date: 10/19/2021; Ambient Temp: 21.2°C; Tissue Temp: 20.4°C

Probe: EX3DV4 - SN7659; ConvF:(9.07,9.07,9.07); Calibrated: 2021-06-29

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

Electronics: DAE4 Sn1678; Calibrated: 2021-06-21

Phantom: Twin-SAM V8.0; Serial: 2060

Measurement SW: DASY Module SAR V16.0.0.65

**Mode: NR Band n25 Antenna A, Phablet SAR, Bottom Edge,
40 MHz Bandwidth, Ch. 376500, DFT-s-OFDM QPSK, 216 RB, 0 RB Offset**

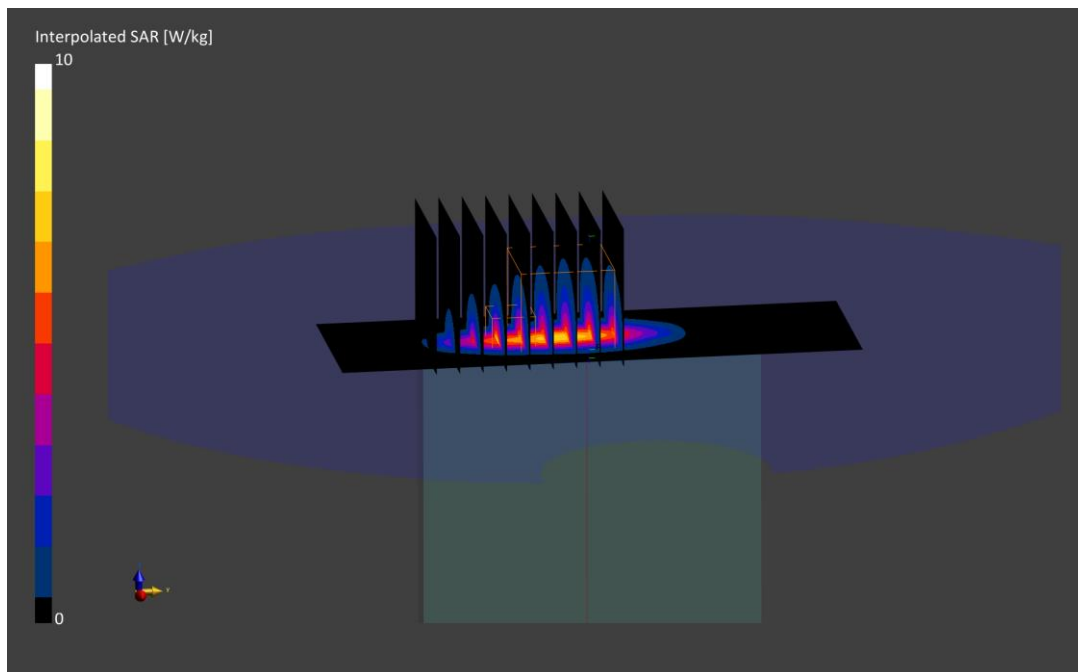
Area Scan (40.0 x 120.0): Measurement grid: $dx=5.0$ mm, $dy=15.0$ mm

Zoom Scan (30.0 x 30.0 x 30.0): Measurement grid: $dx=5.4$ mm, $dy=5.4$ mm, $dz=1.5$ mm; Graded Ratio: 1.5

Reference Value = 7.03 W/kg; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 15.0 W/kg

SAR(10 g) = 2.45 W/kg



PCTEST

DUT: A3LSMS908U; Type: Portable Handset; Serial: 1156M

Communication System: UID:10929 - AAB, 5G NR FR1 FDD; MAIA: Y; Frequency: 2310.0 MHz

Medium: 2450 Body; Medium parameters used:

$f = 2310.0$ MHz; $\text{cond} = 1.89$ S/m; $\text{perm} = 52.1$; $\text{density} = 1000$ kg/m³

Phantom Section: Flat; Space: 0.00 mm

Test Date: 10/14/2021; Ambient Temp: 21.5°C; Tissue Temp: 21.9°C

Probe: EX3DV4 - SN7526; ConvF:(7.29,7.29,7.29); Calibrated: 2021-03-16

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

Electronics: DAE4 Sn1272; Calibrated: 2021-03-18

Phantom: Twin-SAM V5.0; Serial: 1758

Measurement SW: DASY Module SAR V16.0.0.116

**Mode: NR Band n30, Phablet SAR, Bottom Edge, 10 MHz Bandwidth, Ch. 462000
DFT-s-OFDM, QPSK, 1 RB, 26. RB Offset**

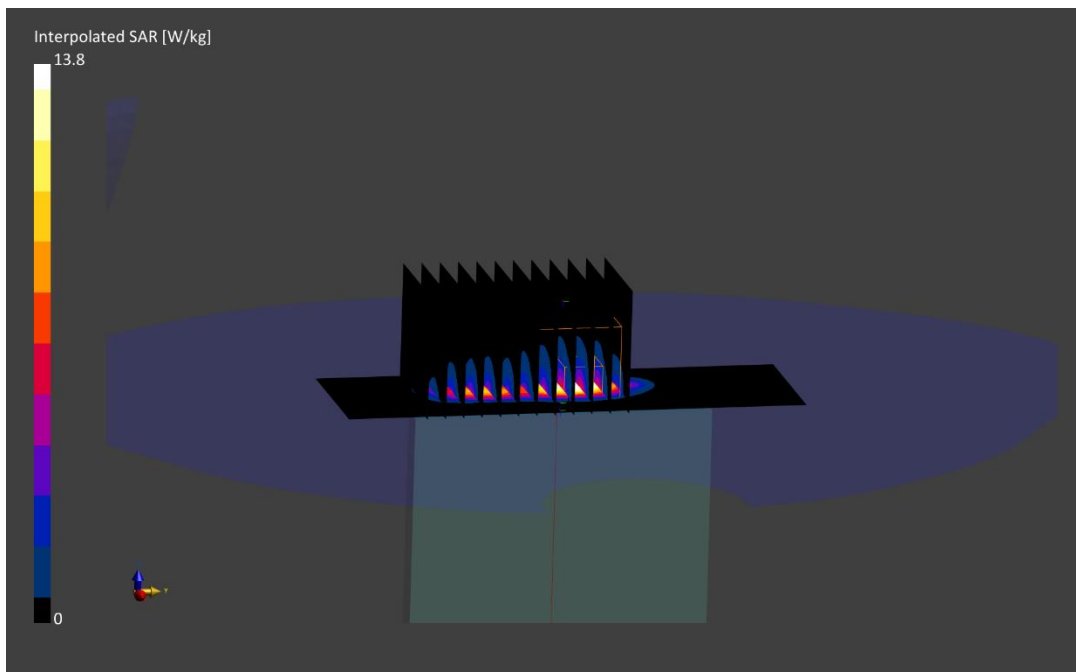
Area Scan (40.0 x 120.0): Measurement grid: $dx=5.0$ mm, $dy=10.0$ mm

Zoom Scan (30.0 x 30.0 x 30.0): Measurement grid: $dx=4.8$ mm, $dy=4.8$ mm, $dz=1.5$ mm; Graded Ratio: 1.5

Reference Value = 4.70 W/kg; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 13.8 W/kg

SAR(10 g) = 2.04 W/kg



PCTEST

DUT: A3LSMS908U; Type: Portable Handset; Serial: 1145M

Communication System: UID:10934 - AAB, 5G NR FR1 FDD; MAIA: Y; Frequency: 2535.0 MHz

Medium: 2450 Body; Medium parameters used:

$f = 2535.0$ MHz; $\text{cond} = 2.12$ S/m; $\text{perm} = 51.6$; $\text{density} = 1000$ kg/m³

Phantom Section: Flat; Space: 0.00 mm

Test Date: 11/01/2021; Ambient Temp: 21.3°C; Tissue Temp: 21.2°C

Probe: EX3DV4 - SN7659; ConvF:(8.37,8.37,8.37); Calibrated: 2021-06-29

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

Electronics: DAE4 Sn1678; Calibrated: 2021-06-21

Phantom: Twin-SAM V8.0; Serial: 2060

Measurement SW: DASY Module SAR V16.0.0.65

**Mode: NR Band n7, Antenna B, Phablet SAR, Back Side, 40 MHz Bandwidth,
CP-OFDM QPSK Ch. 507000, 1 RB 1 RB offset**

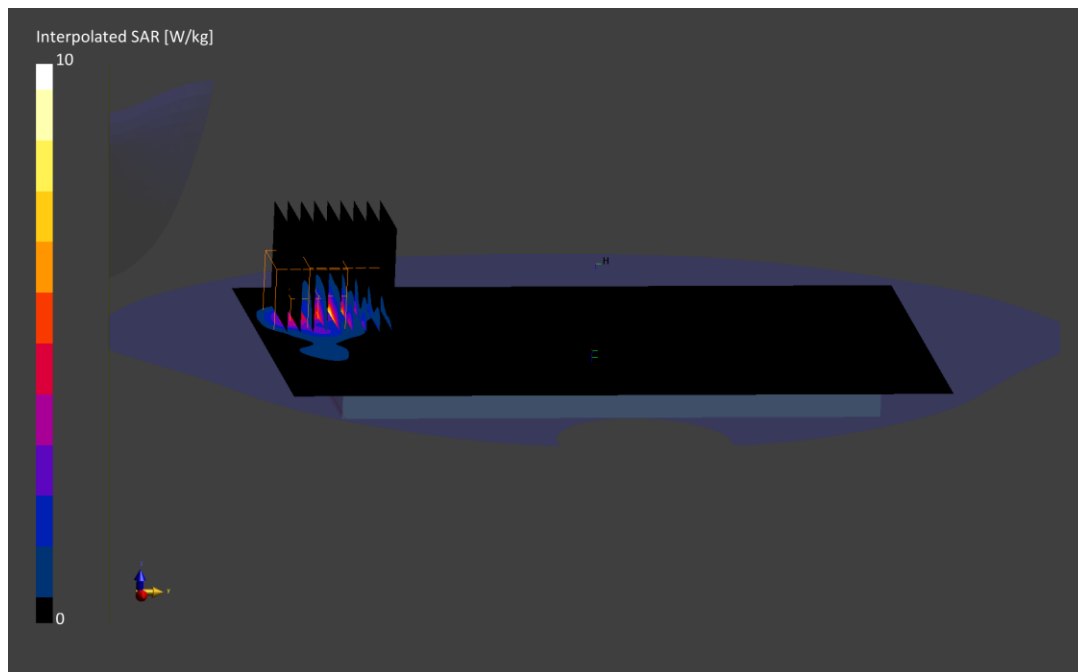
Area Scan (120.0 x 200.0): Measurement grid: $dx=10.0$ mm, $dy=10.0$ mm

Zoom Scan (30.0 x 30.0 x 30.0): Measurement grid: $dx=4.0$ mm, $dy=4.0$ mm, $dz=1.4$ mm; Graded Ratio: 1.4

Reference Value = 6.64 W/kg; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 17.4 W/kg

SAR(10 g) = 1.93 W/kg



PCTEST

DUT: A3LSMS908U; Type: Portable Handset; Serial: 0959M

Communication System: UID:10803 - AAD, 5G NR FR1 TDD; MAIA: Y; Frequency: 2593.0 MHz

Medium: 2450 Body; Medium parameters used:

$f = 2593.0$ MHz; $\text{cond} = 2.09$ S/m; $\text{perm} = 51.0$; $\text{density} = 1000$ kg/m³

Phantom Section: Flat; Space: 0.00 mm

Test Date: 11/18/2021; Ambient Temp: 24.8°C; Tissue Temp: 24.9°C

Probe: EX3DV4 - SN7659; ConvF:(8.37,8.37,8.37); Calibrated: 2021-06-29

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

Electronics: DAE4 Sn1678; Calibrated: 2021-06-21

Phantom: Twin-SAM V8.0; Serial: 2060

Measurement SW: DASY Module SAR V16.0.0.116

**Mode: NR Band n41, Antenna J, Phablet SAR, Top Edge, 100 MHz Bandwidth,
Ch. 518598, CP-OFDM, QPSK, 1 RB, 1 RB Offset**

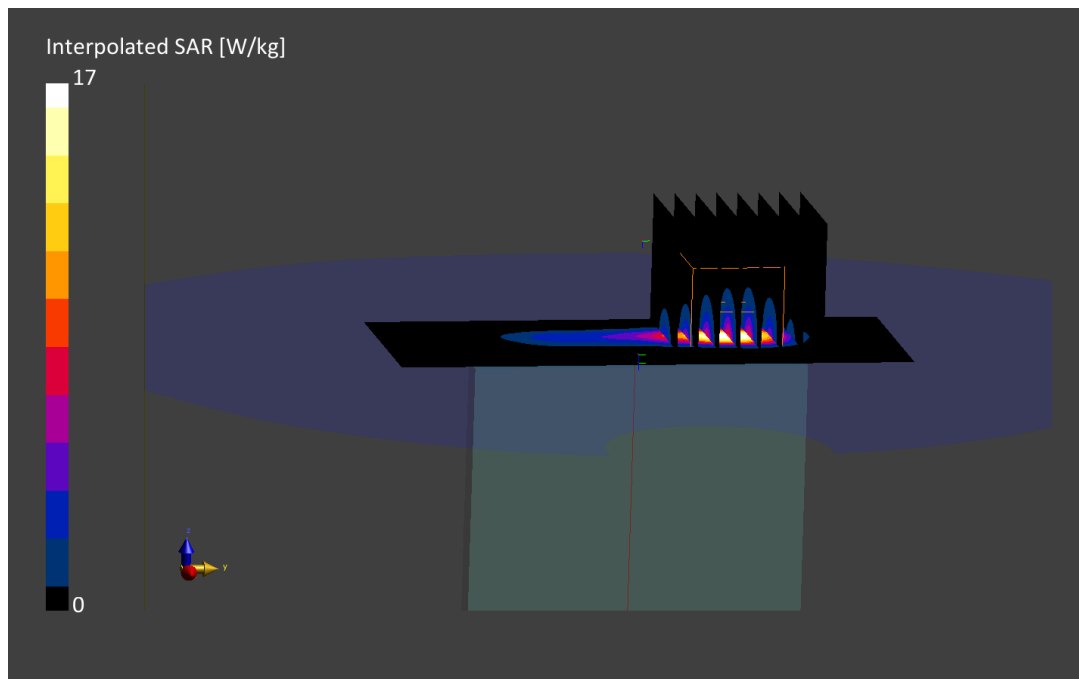
Area Scan (48.0 x 120.0): Measurement grid: $dx=5.0$ mm, $dy=10.0$ mm

Zoom Scan (30.0 x 30.0 x 30.0): Measurement grid: $dx=4.9$ mm, $dy=4.9$ mm, $dz=1.5$ mm; Graded Ratio: 1.5

Reference Value = 7.70 W/kg; Power Drift = 0.00 dB

Peak SAR (extrapolated) = 17.0 W/kg

SAR(10 g) = 2.22 W/kg



PCTEST

DUT: A3LSMS908U; Type: Portable Handset; Serial: 0575M

Communication System: UID:10803 - AAD, 5G NR FR1 TDD; MAIA: Y; Frequency: 3500.0 MHz

Medium: 3600 Body; Medium parameters used:

$f = 3500.0$ MHz; $\text{cond} = 3.23$ S/m; $\text{perm} = 49.7$; $\text{density} = 1000$ kg/m³

Phantom Section: Flat; Space: 0.00 mm

Test Date: 10/11/2021; Ambient Temp: 20.3°C; Tissue Temp: 20.0°C

Probe: EX3DV4 - SN7551; ConvF:(6.23,6.23,6.23); Calibrated: 2020-10-20

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

Electronics: DAE4 Sn1333; Calibrated: 2020-10-16

Phantom: Twin-SAM V5.0; Serial: 1692 Right Back

Measurement SW: DASY Module SAR V16.0.0.116

**Mode: NR Band n77 DoD, Antenna F, Phablet SAR, Left Edge,
100 MHz Bandwidth, Ch. 633334, CP-OFDM QPSK, 1 RB, 1 RB Offset**

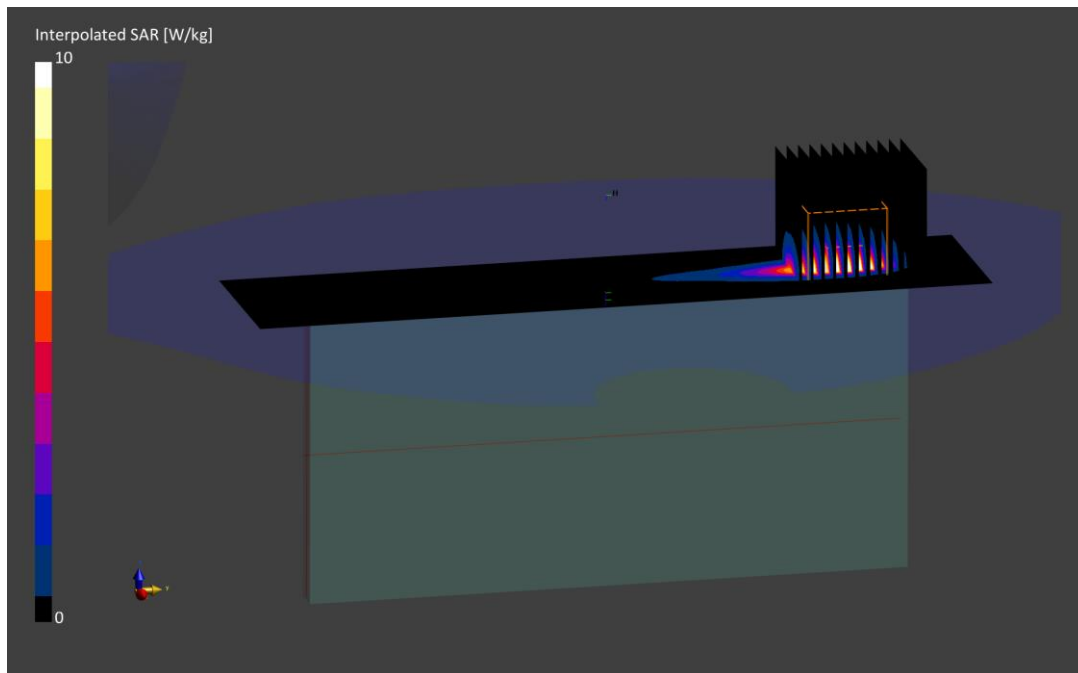
Area Scan (48.0 x 200.0): Measurement grid: $dx=5.0$ mm, $dy=10.0$ mm

Zoom Scan (28.0 x 28.0 x 28.0): Measurement grid: $dx=3.1$ mm, $dy=3.1$ mm, $dz=1.2$ mm; Graded Ratio: 1.2

Reference Value = 5.78 W/kg; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 38.3 W/kg

SAR(10 g) = 1.54 W/kg



PCTEST

DUT: A3LSMS908U; Type: Portable Handset; Serial: 0575M

Communication System: UID:10803 - AAD, 5G NR FR1 TDD; MAIA: Y; Frequency: 3930.0 MHz

Medium: 3600 Body; Medium parameters used:

$f = 3930.0$ MHz; $\text{cond} = 3.74$ S/m; $\text{perm} = 48.7$; $\text{density} = 1000$ kg/m³

Phantom Section: Flat; Space: 0.00 mm

Test Date: 10/28/2021; Ambient Temp: 20.5°C; Tissue Temp: 20.0°C

Probe: EX3DV4 - SN7661; ConvF:(6.51,6.51,6.51); Calibrated: 2021-06-28

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

Electronics: DAE4 Sn1450; Calibrated: 2021-08-16

Phantom: Twin-SAM V5.0; Serial: 1692 Right Back

Measurement SW: DASY Module SAR V16.0.0.116

**Mode: NR Band n77 C-Band, Antenna F, Phablet SAR, Left edge, Ch. 662000,
100 MHz Bandwidth, CP-OFDM QPSK, 1 RB, 1 RB Offset**

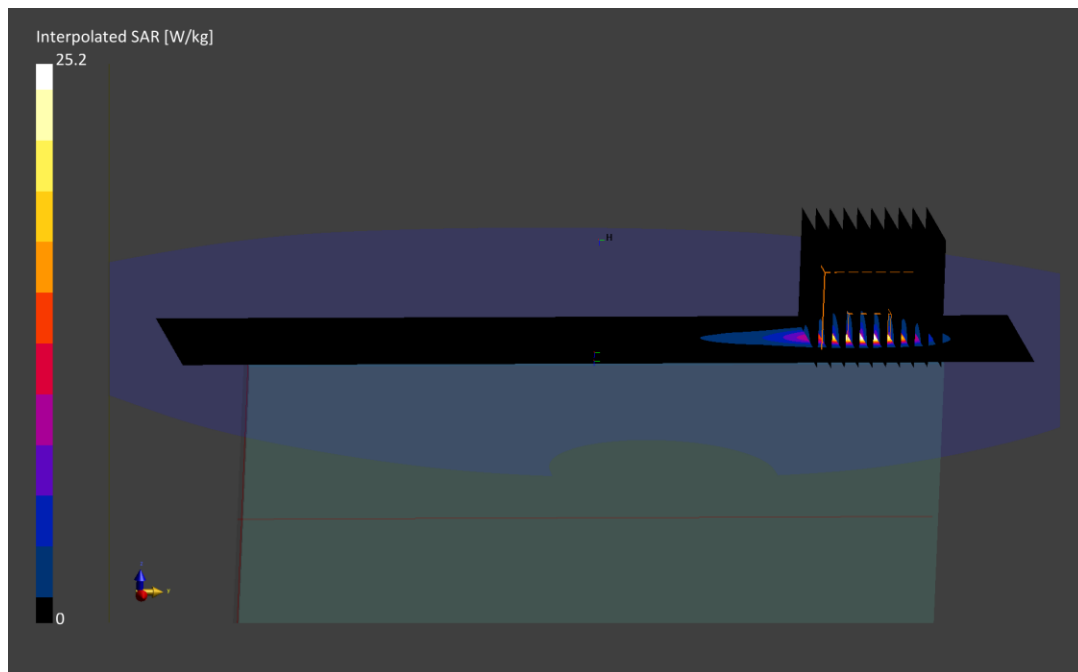
Area Scan (40.0 x 200.0): Measurement grid: $dx=5.0$ mm, $dy=10.0$ mm

Zoom Scan (28.0 x 28.0 x 28.0): Measurement grid: $dx=3.24$ mm, $dy=3.24$ mm, $dz=1.4$ mm; Graded Ratio: 1.5

Reference Value = 2.92 W/kg; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 25.2 W/kg

SAR(10 g) = 1.49 W/kg



PCTEST

DUT: A3LSMS908U; Type: Portable Handset; Serial: 0990M

Communication System: UID:10591 - AAC, WLAN; MAIA: Y; Frequency: 5500.0 MHz

Medium: 5200-5800 Body; Medium parameters used:

$f = 5500.0$ MHz; $\text{cond} = 5.76$ S/m; $\text{perm} = 46.8$; $\text{density} = 1000$ kg/m³

Phantom Section: Flat; Space: 0.00 mm

Test Date: 10/25/2021; Ambient Temp: 20.7°C; Tissue Temp: 21.5°C

Probe: EX3DV4 - SN7526; ConvF:(4.16,4.16,4.16); Calibrated: 2021-03-16

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

Electronics: DAE4 Sn1272; Calibrated: 2021-03-18

Phantom: Twin-SAM V5.0; Serial: 1800

Measurement SW: DASY Module SAR V16.0.0.116

**Mode: IEEE 802.11ac, UNII-2C, 80 MHz Bandwidth, MIMO, Phablet SAR
Back Side, Ch. 138, 58.5 Mbps**

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

Zoom Scan (22.0 x 22.0 x 22.0): Measurement grid: $dx=4.0$ mm, $dy=4.0$ mm, $dz=1.4$ mm; Graded Ratio: 1.4

Reference Value = 2.53 W/kg; Power Drift = -0.13 dB

Peak SAR (extrapolated) = 19.3 W/kg

SAR(10 g) = 0.733 W/kg

