

APPENDIX A: SAR TEST DATA

PCTEST

DUT: A3LSMF711U; Type: Portable Handset; Serial: 0759M

Communication System: UID 0, CDMA; Frequency: 848.31 MHz; Duty Cycle: 1:1

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

$f = 848.31$ MHz; $\sigma = 0.9$ S/m; $\epsilon_r = 40.172$; $\rho = 1000$ kg/m³

Phantom section: Right Section

Test Date: 04/20/2021; Ambient Temp: 24.0°C; Tissue Temp: 20.9°C

Probe: EX3DV4 - SN7308; ConvF(10.17, 10.17, 10.17) @ 848.31 MHz; Calibrated: 7/31/2020

Sensor-Surface: 1.4mm (Mechanical Surface Detection)

Electronics: DAE4 Sn1450; Calibrated: 8/11/2020

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

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

Mode: Cell. CDMA, BC 0, Right Head, Cheek, High.ch

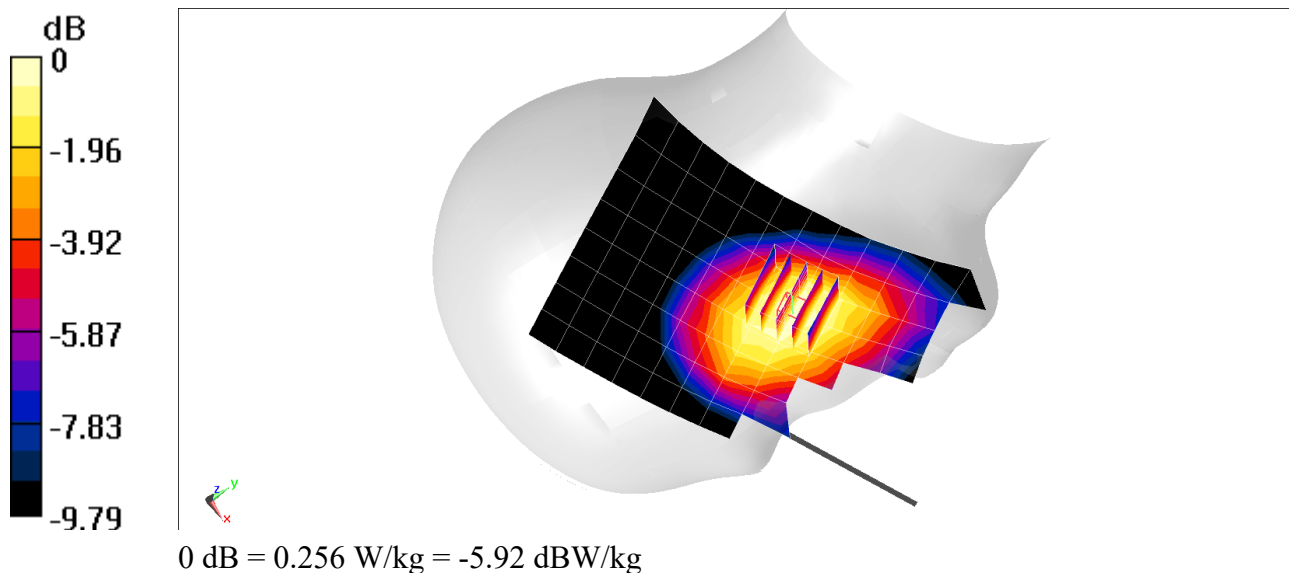
Area Scan (9x15x1): Measurement grid: dx=15mm, dy=15mm

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

Reference Value = 15.86 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 0.281 W/kg

SAR(1 g) = 0.215 W/kg



PCTEST

DUT: A3LSMF711U; Type: Portable Handset; Serial: 0760M

Communication System: UID 0, PCS CDMA; Frequency: 1880 MHz; Duty Cycle: 1:1

Medium: 1900 Head; Medium parameters used:

$f = 1880 \text{ MHz}$; $\sigma = 1.419 \text{ S/m}$; $\epsilon_r = 39.74$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Left Section

Test Date: 04/12/2021; Ambient Temp: 23.3°C; Tissue Temp: 23.2°C

Probe: EX3DV4 - SN7571; ConvF(8.01, 8.01, 8.01) @ 1880 MHz; Calibrated: 12/11/2020

Sensor-Surface: 1.4mm (Mechanical Surface Detection)

Electronics: DAE4 Sn1533; Calibrated: 12/7/2020

Phantom: SAM 5.0 front; Type: QD000P40CD; Serial: 1648

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

Mode: PCS CDMA, Left Head, Cheek, Mid.ch

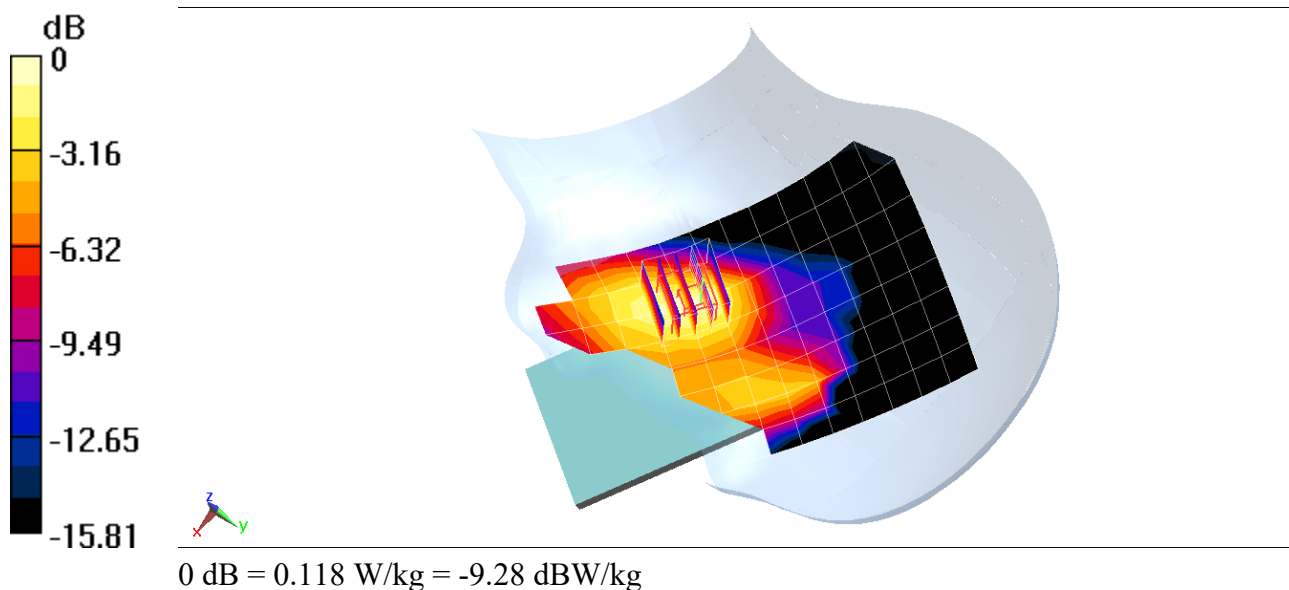
Area Scan (9x15x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Reference Value = 8.016 V/m; Power Drift = 0.09 dB

Peak SAR (extrapolated) = 0.138 W/kg

SAR(1 g) = 0.085 W/kg



PCTEST

DUT: A3LSMF711U; Type: Portable Handset; Serial: 0747M

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

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

$f = 824.2$ MHz; $\sigma = 0.872$ S/m; $\epsilon_r = 40.556$; $\rho = 1000$ kg/m³

Phantom section: Right Section

Test Date: 04/18/2021; Ambient Temp: 24.0°C; Tissue Temp: 23.0°C

Probe: EX3DV4 - SN7308; ConvF(10.17, 10.17, 10.17) @ 824.2 MHz; Calibrated: 7/31/2020

Sensor-Surface: 1.4mm (Mechanical Surface Detection)

Electronics: DAE4 Sn1450; Calibrated: 8/11/2020

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

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

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

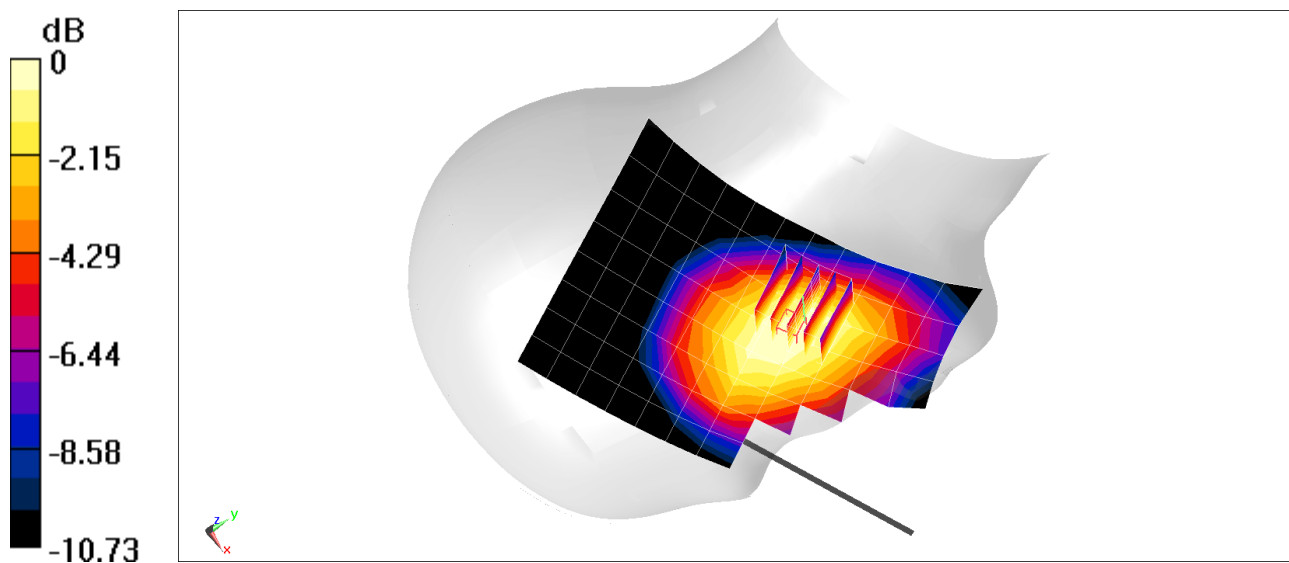
Area Scan (9x13x1): Measurement grid: dx=15mm, dy=15mm

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

Reference Value = 10.96 V/m; Power Drift = 0.13 dB

Peak SAR (extrapolated) = 0.136 W/kg

SAR(1 g) = 0.104 W/kg



0 dB = 0.123 W/kg = -9.10 dBW/kg

PCTEST

DUT: A3LSMF711U; Type: Portable Handset; Serial: 0760M

Communication System: UID 0, GSM; Frequency: 1850.2 MHz; Duty Cycle: 1:8.3

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

$f = 1850.2$ MHz; $\sigma = 1.388$ S/m; $\epsilon_r = 39.846$; $\rho = 1000$ kg/m³

Phantom section: Left Section

Test Date: 04/12/2021; Ambient Temp: 23.3°C; Tissue Temp: 23.2°C

Probe: EX3DV4 - SN7571; ConvF(8.01, 8.01, 8.01) @ 1850.2 MHz; Calibrated: 12/11/2020

Sensor-Surface: 1.4mm (Mechanical Surface Detection)

Electronics: DAE4 Sn1533; Calibrated: 12/7/2020

Phantom: SAM 5.0 front; Type: QD000P40CD; Serial: 1648

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

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

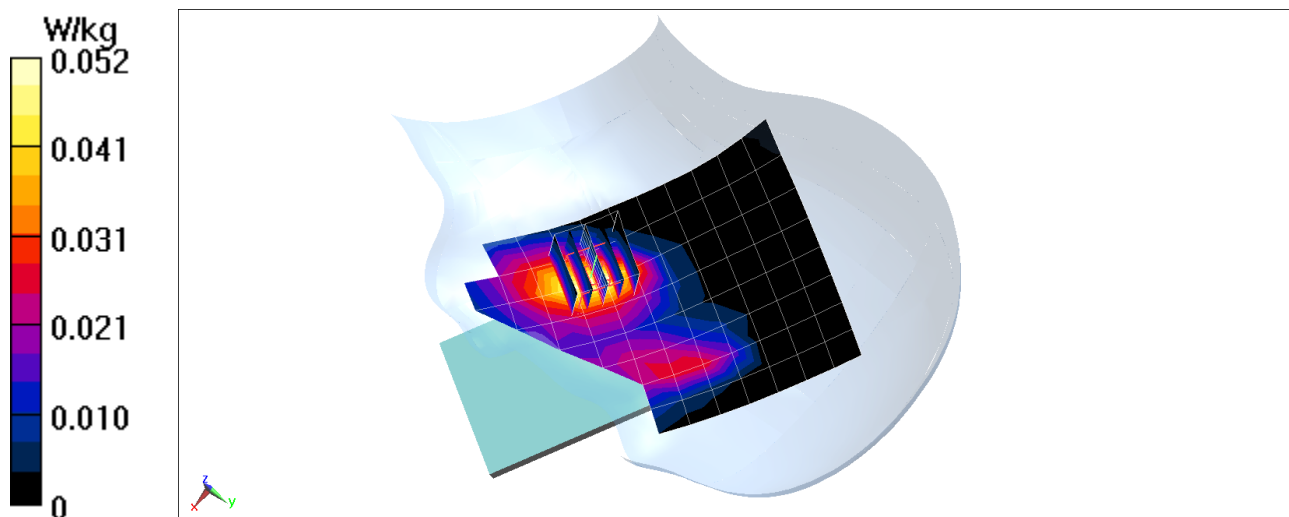
Area Scan (9x15x1): Measurement grid: dx=15mm, dy=15mm

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

Reference Value = 5.551 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 0.0630 W/kg

SAR(1 g) = 0.040 W/kg



PCTEST

DUT: A3LSMF711U; Type: Portable Handset; Serial: 0747M

Communication System: UID 0, UMTS; Frequency: 836.6 MHz; Duty Cycle: 1:1

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

$f = 836.6$ MHz; $\sigma = 0.883$ S/m; $\epsilon_r = 40.399$; $\rho = 1000$ kg/m³

Phantom section: Right Section

Test Date: 04/18/2021; Ambient Temp: 24.0°C; Tissue Temp: 23.0°C

Probe: EX3DV4 - SN7308; ConvF(10.17, 10.17, 10.17) @ 836.6 MHz; Calibrated: 7/31/2020

Sensor-Surface: 1.4mm (Mechanical Surface Detection)

Electronics: DAE4 Sn1450; Calibrated: 8/11/2020

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

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

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

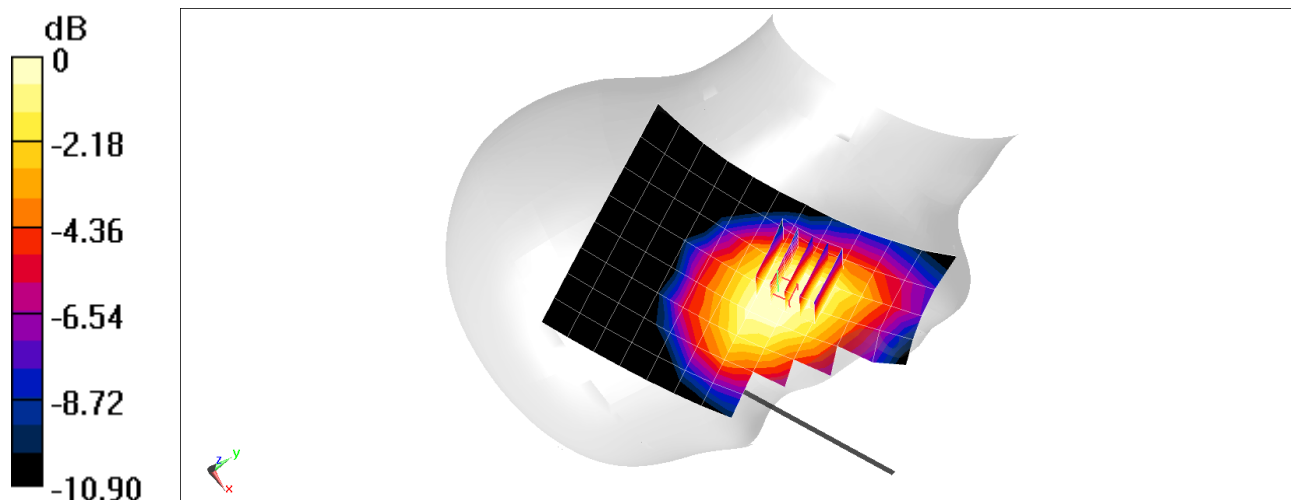
Area Scan (9x13x1): Measurement grid: dx=15mm, dy=15mm

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

Reference Value = 14.46 V/m; Power Drift = 0.19 dB

Peak SAR (extrapolated) = 0.243 W/kg

SAR(1 g) = 0.184 W/kg



0 dB = 0.217 W/kg = -6.64 dBW/kg

PCTEST

DUT: A3LSMF711U; Type: Portable Handset; Serial: 0760M

Communication System: UID:10011-CAB, WCDMA; MAIA: Y; Frequency: 1732.4 MHz

Medium: 1750 Head; Medium parameters used:

$f = 1732.4$ MHz; $\text{cond} = 1.38$ S/m; $\text{perm} = 41.2$; $\text{density} = 1000$ kg/m³

Phantom Section: Right Head

Test Date: 04/11/2021; Ambient Temp: 22.1°C; Tissue Temp: 22.3°C

Probe: EX3DV4 - SN7526; ConvF:(7.82,7.82,7.82); Calibrated: 2021-03-16

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

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

Phantom: Twin-SAM V5.0 (left); Serial: 1758

Measurement SW: cDASY6 Module SAR V6.14.0.959

Mode: UMTS 1750, Right Head, Cheek, Mid. Ch.

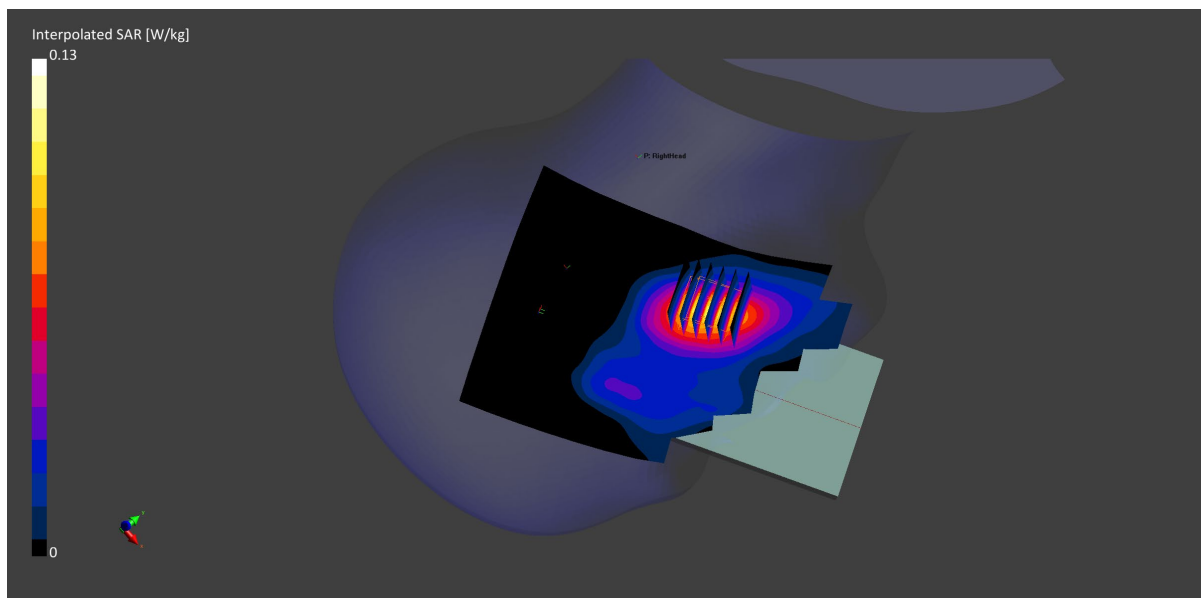
Area Scan (120.0 x 210.0): Measurement grid: $dx=15.0$ mm, $dy=15.0$ mm

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

Reference Value = 0.10 W/Kg; Power Drift = -0.15 dB

Peak SAR (extrapolated) = 0.130 W/kg

SAR(1 g) = 0.087 W/kg



PCTEST

DUT: A3LSMF711U; Type: Portable Handset; Serial: 0765M

Communication System: UID 0, UMTS; Frequency: 1880 MHz; Duty Cycle: 1:1

Medium: 1900 Head; Medium parameters used:

$f = 1880 \text{ MHz}$; $\sigma = 1.419 \text{ S/m}$; $\epsilon_r = 39.74$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Right Section

Test Date: 04/12/2021; Ambient Temp: 23.3°C; Tissue Temp: 23.2°C

Probe: EX3DV4 - SN7571; ConvF(8.01, 8.01, 8.01) @ 1880 MHz; Calibrated: 12/11/2020

Sensor-Surface: 1.4mm (Mechanical Surface Detection)

Electronics: DAE4 Sn1533; Calibrated: 12/7/2020

Phantom: SAM 5.0 front; Type: QD000P40CD; Serial: 1648

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

Mode: UMTS 1900, Right Head, Cheek, Mid.ch

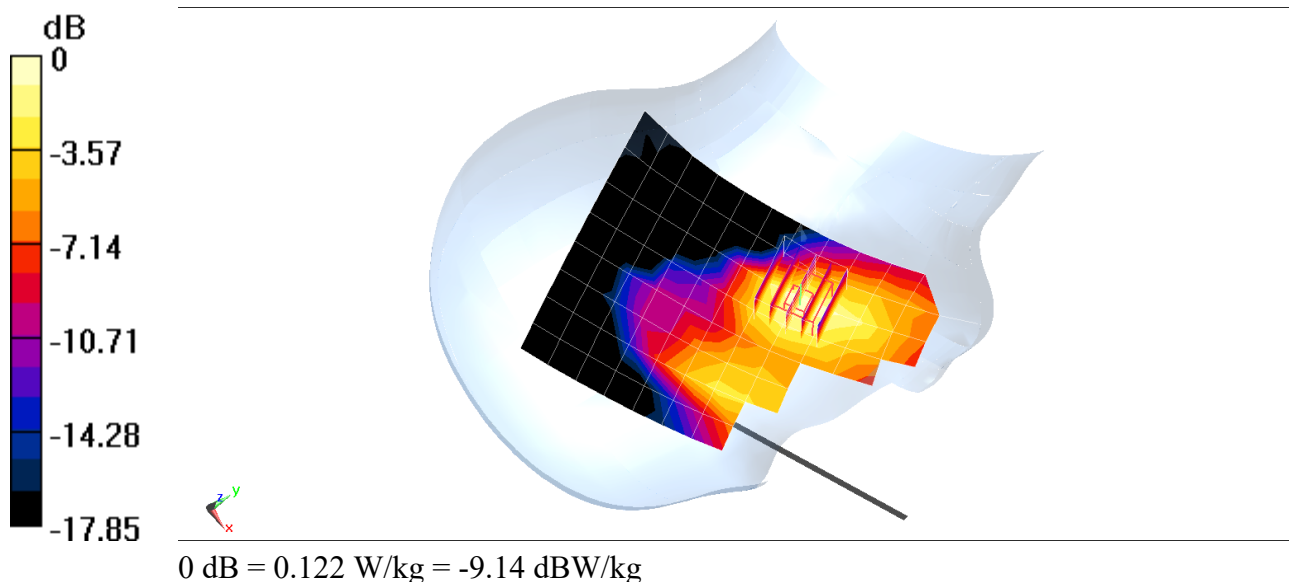
Area Scan (9x15x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Reference Value = 8.297 V/m; Power Drift = 0.11 dB

Peak SAR (extrapolated) = 0.146 W/kg

SAR(1 g) = 0.090 W/kg



PCTEST

DUT: A3LSMF711U; Type: Portable Handset; Serial: 0829M

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

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

$f = 680.5 \text{ MHz}$; $\sigma = 0.895 \text{ S/m}$; $\epsilon_r = 42.294$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Left Section

Test Date: 04/13/2021; Ambient Temp: 24.5°C; Tissue Temp: 23.5°C

Probe: EX3DV4 - SN7571; ConvF(10.02, 10.02, 10.02) @ 680.5 MHz; Calibrated: 12/11/2020

Sensor-Surface: 1.4mm (Mechanical Surface Detection)

Electronics: DAE4 Sn1533; Calibrated: 12/7/2020

Phantom: Twin-SAM V5.0 (30); Type: QD 000 P40 CD; Serial: 1647

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

**Mode: LTE Band 71, Left Head, Cheek, Mid.ch, 20 MHz Bandwidth
QPSK, 1 RB, 50 RB Offset**

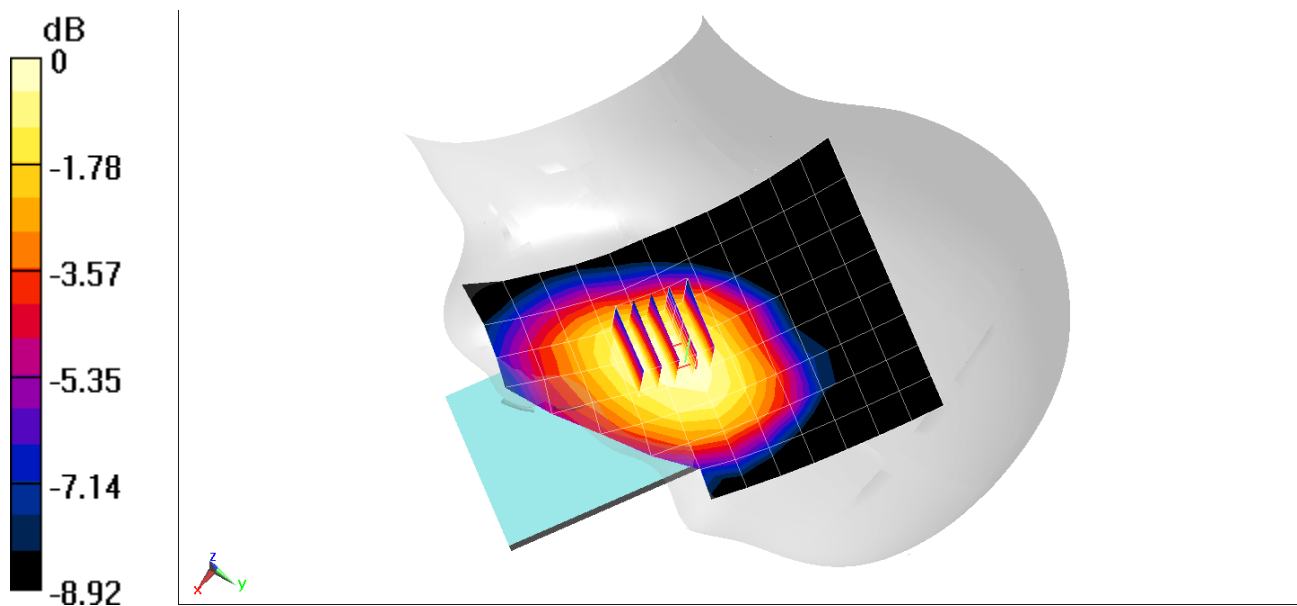
Area Scan (9x13x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Reference Value = 14.02 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 0.203 W/kg

SAR(1 g) = 0.163 W/kg



0 dB = 0.188 W/kg = -7.26 dBW/kg

PCTEST

DUT: A3LSMF711U; Type: Portable Handset; Serial: 0829M

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

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

$f = 707.5 \text{ MHz}$; $\sigma = 0.904 \text{ S/m}$; $\epsilon_r = 42.22$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Left Section

Test Date: 04/13/2021; Ambient Temp: 24.5°C; Tissue Temp: 23.5°C

Probe: EX3DV4 - SN7571; ConvF(10.02, 10.02, 10.02) @ 707.5 MHz; Calibrated: 12/11/2020

Sensor-Surface: 1.4mm (Mechanical Surface Detection)

Electronics: DAE4 Sn1533; Calibrated: 12/7/2020

Phantom: Twin-SAM V5.0 (30); Type: QD 000 P40 CD; Serial: 1647

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

**Mode: LTE Band 12, Left Head, Cheek, Mid.ch, QPSK, 10 MHz Bandwidth
1 RB, 25 RB Offset**

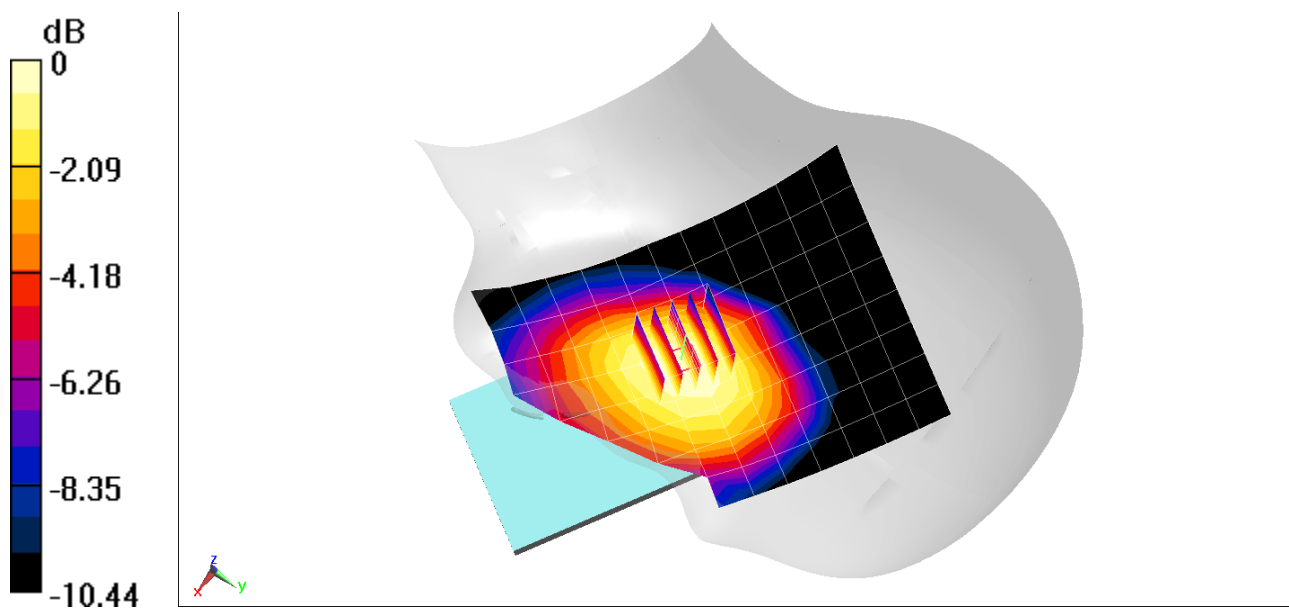
Area Scan (9x13x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Reference Value = 15.62 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 0.250 W/kg

SAR(1 g) = 0.195 W/kg



0 dB = 0.231 W/kg = -6.36 dBW/kg

PCTEST

DUT: A3LSMF711U; Type: Portable Handset; Serial: 0829M

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

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

$f = 782 \text{ MHz}$; $\sigma = 0.934 \text{ S/m}$; $\epsilon_r = 42.324$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Right Section

Test Date: 04/15/2021; Ambient Temp: 24.3°C; Tissue Temp: 22.8°C

Probe: EX3DV4 - SN7571; ConvF(10.02, 10.02, 10.02) @ 782 MHz; Calibrated: 12/11/2020

Sensor-Surface: 1.4mm (Mechanical Surface Detection)

Electronics: DAE4 Sn1533; Calibrated: 12/7/2020

Phantom: Twin-SAM V5.0 (30); Type: QD 000 P40 CD; Serial: 1647

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

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

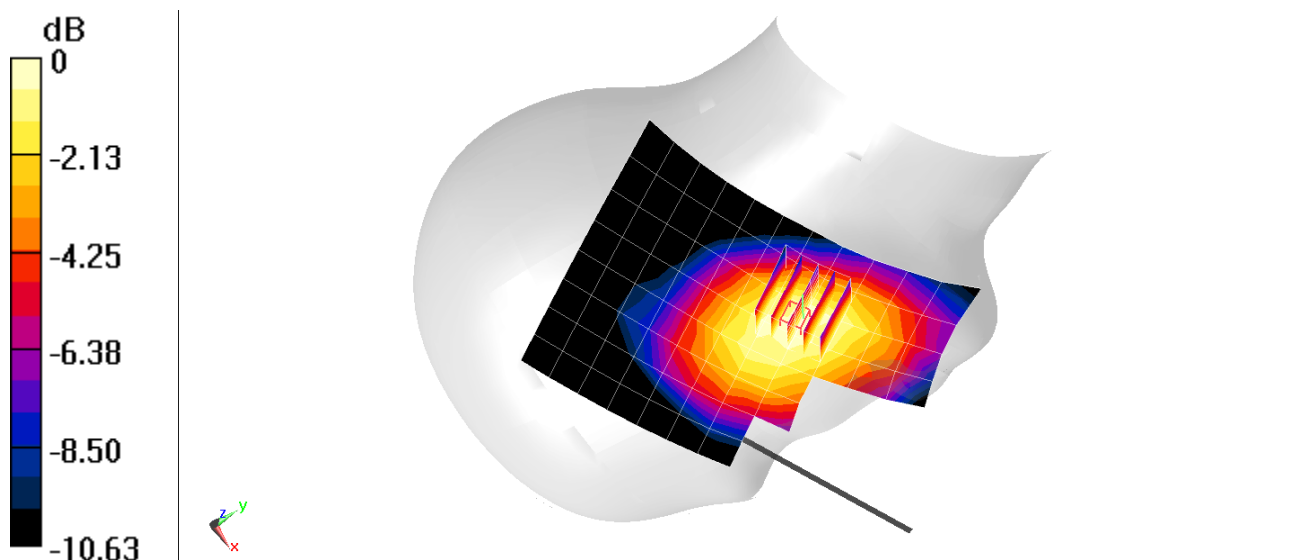
Area Scan (9x13x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Reference Value = 16.11 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 0.277 W/kg

SAR(1 g) = 0.216 W/kg



0 dB = 0.258 W/kg = -5.88 dBW/kg

PCTEST

DUT: A3LSMF711U; Type: Portable Handset; Serial: 0829M

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

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

$f = 793 \text{ MHz}$; $\sigma = 0.938 \text{ S/m}$; $\epsilon_r = 42.287$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Right Section

Test Date: 04/15/2021; Ambient Temp: 24.3°C; Tissue Temp: 22.8°C

Probe: EX3DV4 - SN7571; ConvF(10.02, 10.02, 10.02) @ 793 MHz; Calibrated: 12/11/2020

Sensor-Surface: 1.4mm (Mechanical Surface Detection)

Electronics: DAE4 Sn1533; Calibrated: 12/7/2020

Phantom: Twin-SAM V5.0 (30); Type: QD 000 P40 CD; Serial: 1647

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

**Mode: LTE Band 14, Right Head, Cheek, Mid.ch, 10 MHz Bandwidth
QPSK, 1 RB, 0 RB Offset**

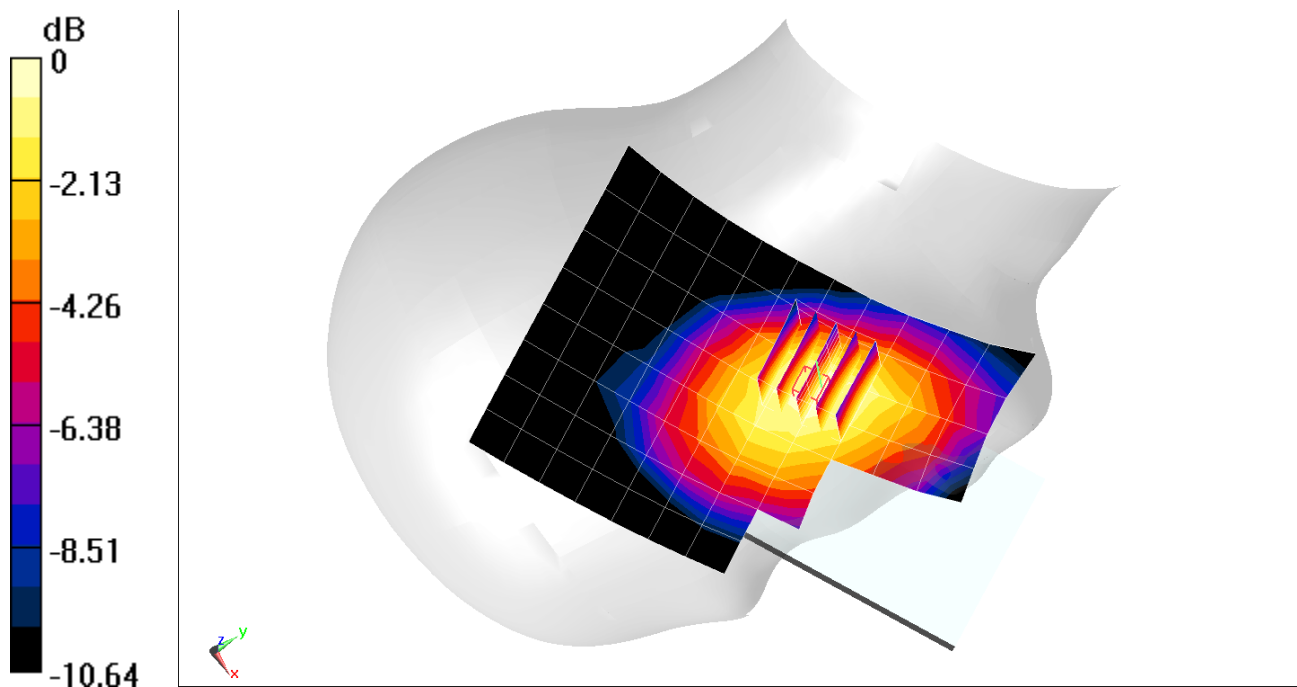
Area Scan (9x13x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Reference Value = 15.81 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 0.270 W/kg

SAR(1 g) = 0.207 W/kg



0 dB = 0.249 W/kg = -6.04 dBW/kg

PCTEST

DUT: A3LSMF711U; Type: Portable Handset; Serial: 0829M

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

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

$f = 831.5 \text{ MHz}$; $\sigma = 0.879 \text{ S/m}$; $\epsilon_r = 40.463$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Right Section

Test Date: 04/18/2021; Ambient Temp: 24.0°C; Tissue Temp: 23.0°C

Probe: EX3DV4 - SN7308; ConvF(10.17, 10.17, 10.17) @ 831.5 MHz; Calibrated: 7/31/2020

Sensor-Surface: 1.4mm (Mechanical Surface Detection)

Electronics: DAE4 Sn1450; Calibrated: 8/11/2020

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

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

**Mode: LTE Band 26 (Cell.), Right Head, Cheek, Mid.ch, 15 MHz Bandwidth
QPSK, 1 RB, 74 RB Offset**

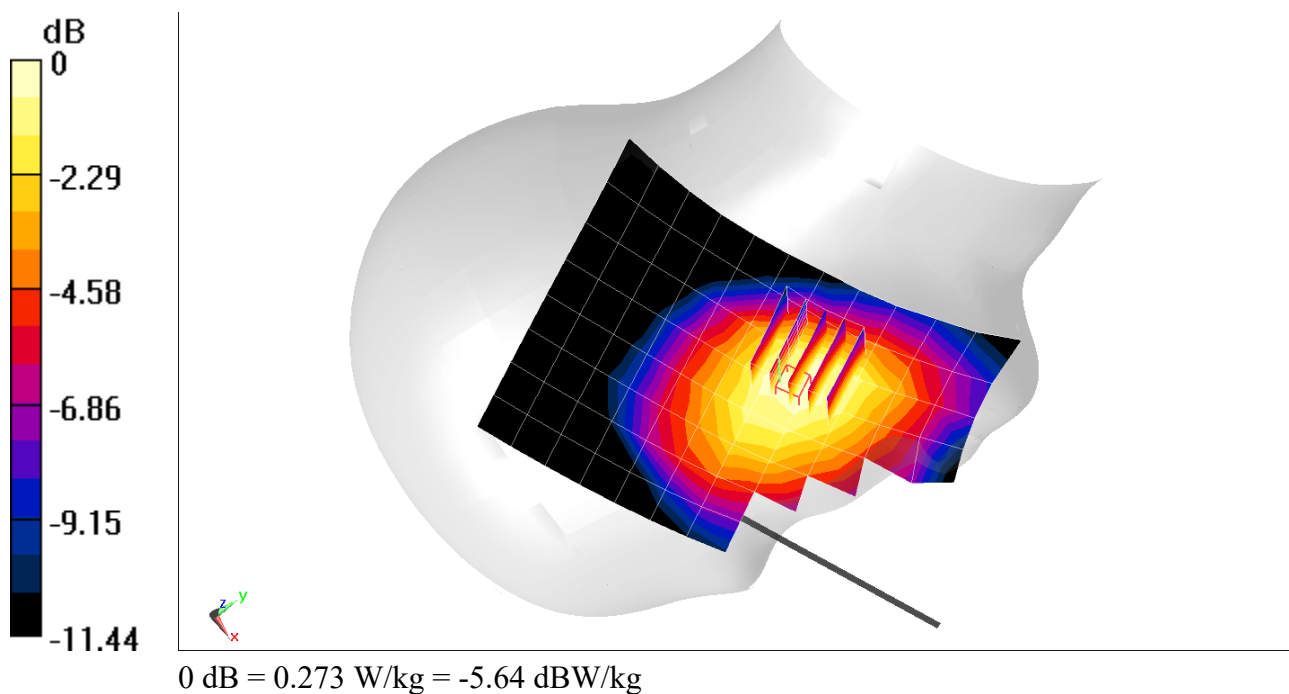
Area Scan (9x13x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Reference Value = 16.91 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 0.307 W/kg

SAR(1 g) = 0.229 W/kg



PCTEST

DUT: A3LSMF711U; Type: Portable Handset; Serial: 0122M

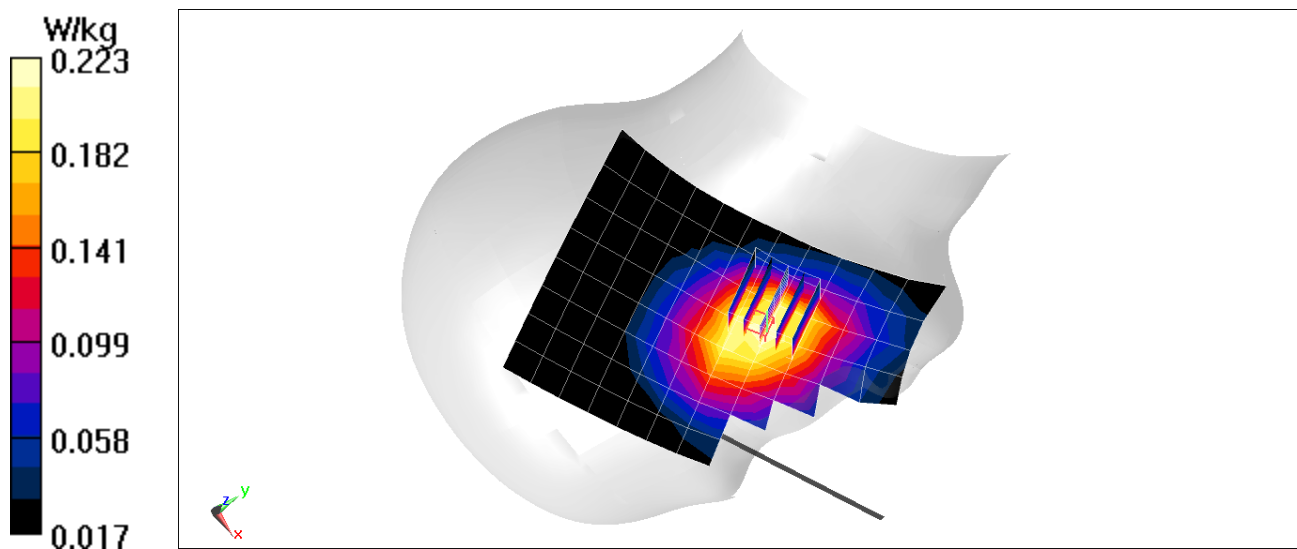
Communication System: UID 0, LTE Band 5 (Cell.); Frequency: 836.5 MHz; Duty Cycle: 1:1
Medium: 835 Head; Medium parameters used (interpolated):
 $f = 836.5 \text{ MHz}$; $\sigma = 0.883 \text{ S/m}$; $\epsilon_r = 40.401$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Right Section

Test Date: 04/18/2021; Ambient Temp: 24.0°C; Tissue Temp: 23.0°C

Probe: EX3DV4 - SN7308; ConvF(10.17, 10.17, 10.17) @ 836.5 MHz; Calibrated: 7/31/2020
Sensor-Surface: 1.4mm (Mechanical Surface Detection)
Electronics: DAE4 Sn1450; Calibrated: 8/11/2020
Phantom: Twin-SAM V5.0; Type: QD 000 P40 CD; Serial: 1792
Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

Mode: LTE Band 5 (Cell.), Right Head, Cheek
PCC: 10 MHz Bandwidth, QPSK, Ch. 20525, 1 RB, 49 RB Offset
SCC: 5 MHz Bandwidth, QPSK, Ch. 20597, 1 RB, 0 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 = 15.09 V/m; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 0.249 W/kg
SAR(1 g) = 0.188 W/kg



PCTEST

DUT: A3LSMF711U; Type: Portable Handset; Serial: 1916M

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

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

$f = 1775 \text{ MHz}$; $\sigma = 1.419 \text{ S/m}$; $\epsilon_r = 40.251$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Right Section

Test Date: 05/16/2021; Ambient Temp: 22.0°C; Tissue Temp: 21.4°C

Probe: EX3DV4 - SN7357; ConvF(8.67, 8.67, 8.67) @ 1775 MHz; Calibrated: 4/19/2021

Sensor-Surface: 1.4mm (Mechanical Surface Detection)

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

Phantom: Front; Type: QD 000 P40 CD; Serial: 1686

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

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

PCC: 10 MHz Bandwidth, QPSK, Ch. 132622, 1 RB, 0 RB Offset

SCC: 10 MHz Bandwidth, QPSK, Ch. 132523, 1 RB, 49 RB Offset

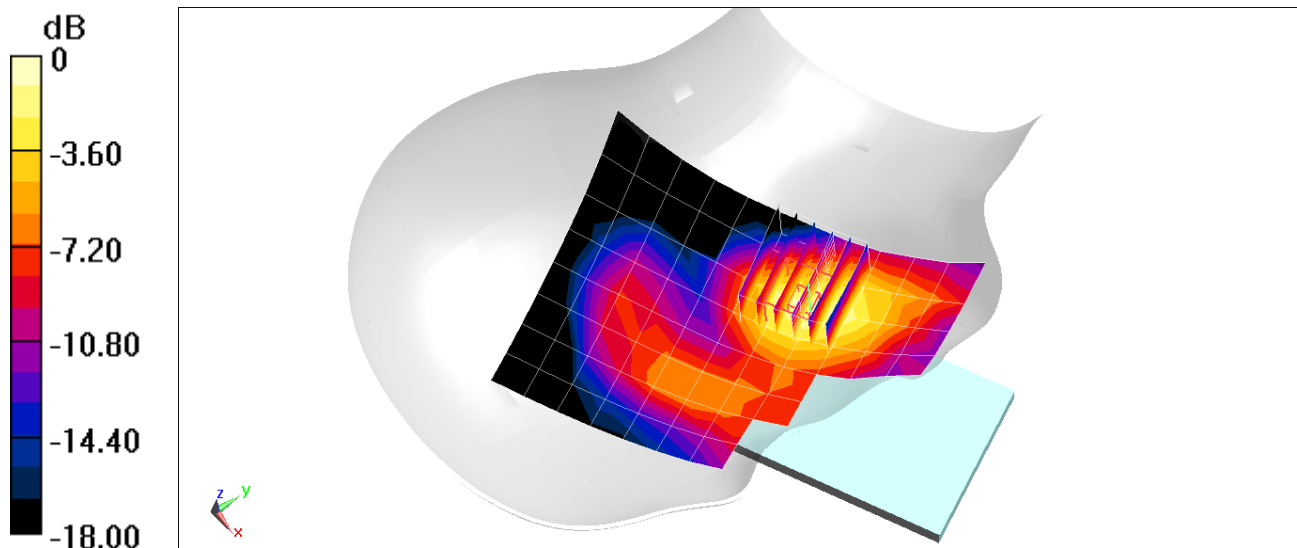
Area Scan (9x13x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Reference Value = 9.719 V/m; Power Drift = 0.00 dB

Peak SAR (extrapolated) = 0.190 W/kg

SAR(1 g) = 0.125 W/kg



0 dB = 0.163 W/kg = -7.88 dBW/kg

PCTEST

DUT: A3LSMF711U; Type: Portable Handset; Serial: 0748M

Communication System: UID 0, LTE Band 25 (PCS); Frequency: 1882.5 MHz; Duty Cycle: 1:1

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

$f = 1882.5 \text{ MHz}$; $\sigma = 1.422 \text{ S/m}$; $\epsilon_r = 39.731$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Right Section

Test Date: 04/12/2021; Ambient Temp: 23.3°C; Tissue Temp: 23.2°C

Probe: EX3DV4 - SN7571; ConvF(8.01, 8.01, 8.01) @ 1882.5 MHz; Calibrated: 12/11/2020

Sensor-Surface: 1.4mm (Mechanical Surface Detection)

Electronics: DAE4 Sn1533; Calibrated: 12/7/2020

Phantom: SAM 5.0 front; Type: QD000P40CD; Serial: 1648

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

**Mode: LTE Band 25 (PCS), Right Head, Cheek, Mid.ch, 20 MHz Bandwidth
QPSK, 1 RB, 0 RB Offset**

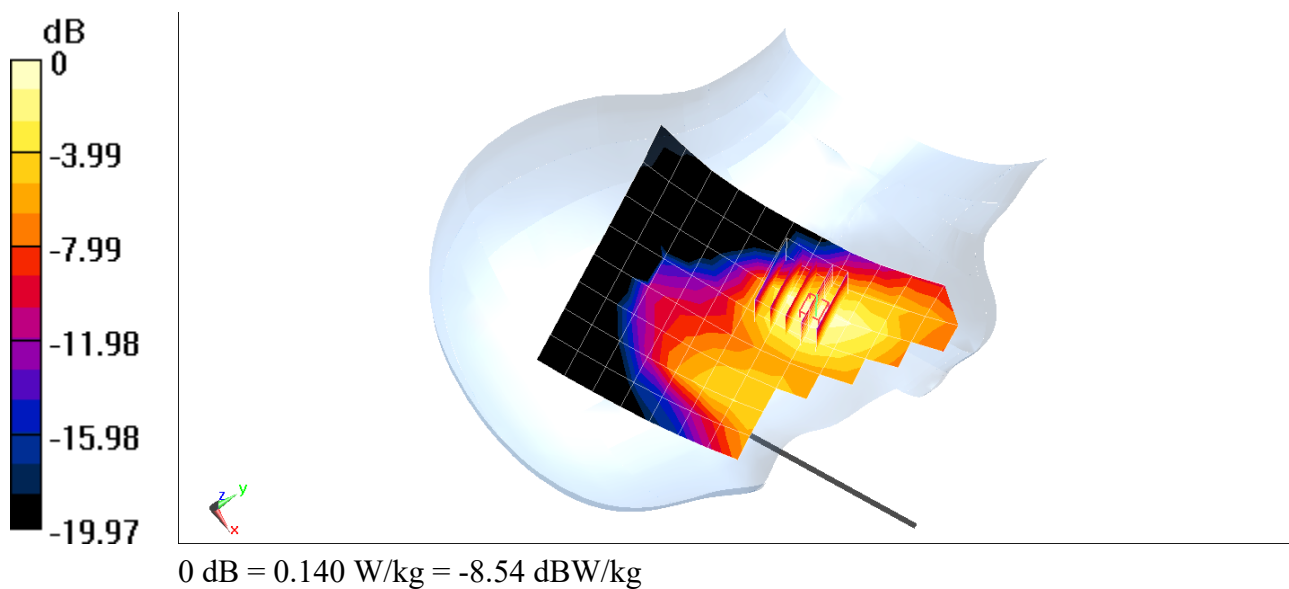
Area Scan (9x13x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Reference Value = 9.130 V/m; Power Drift = 0.18 dB

Peak SAR (extrapolated) = 0.163 W/kg

SAR(1 g) = 0.104 W/kg



PCTEST

DUT: A3LSMF711U; Type: Portable Handset; Serial: 0745M

Communication System: UID 0, LTE Band 30; Frequency: 2310 MHz; Duty Cycle: 1:1

Medium: 2450 Head; Medium parameters used:

$f = 2310$ MHz; $\sigma = 1.712$ S/m; $\epsilon_r = 39.113$; $\rho = 1000$ kg/m³

Phantom section: Left Section

Test Date: 04/13/2021; Ambient Temp: 23.5°C; Tissue Temp: 22.5°C

Probe: EX3DV4 - SN7308; ConvF(7.7, 7.7, 7.7) @ 2310 MHz; Calibrated: 7/31/2020

Sensor-Surface: 1.4mm (Mechanical Surface Detection)

Electronics: DAE4 Sn1450; Calibrated: 8/11/2020

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

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

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

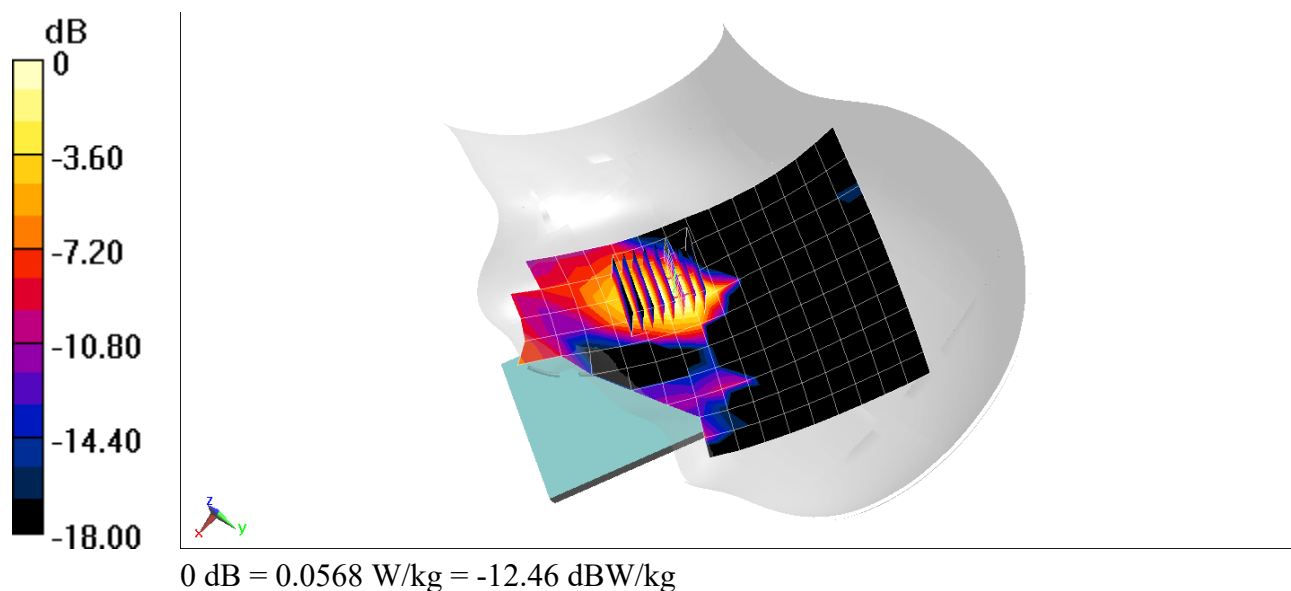
Area Scan (11x16x1): Measurement grid: dx=12mm, dy=12mm

Zoom Scan (7x8x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 4.853 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 0.0700 W/kg

SAR(1 g) = 0.037 W/kg



PCTEST

DUT: A3LSMF711U; Type: Portable Handset; Serial: 0126M

Communication System: UID 0, LTE Band 7; Frequency: 2535 MHz; Duty Cycle: 1:1

Medium: 2450 Head; Medium parameters used:

$f = 2535 \text{ MHz}$; $\sigma = 1.952 \text{ S/m}$; $\epsilon_r = 38.196$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Right Section

Test Date: 04/13/2021; Ambient Temp: 23.5°C; Tissue Temp: 22.5°C

Probe: EX3DV4 - SN7308; ConvF(7.19, 7.19, 7.19) @ 2535 MHz; Calibrated: 7/31/2020

Sensor-Surface: 1.4mm (Mechanical Surface Detection)

Electronics: DAE4 Sn1450; Calibrated: 8/11/2020

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

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

**Mode: LTE Band 7, Right Head, Cheek, Mid.ch, 20 MHz Bandwidth
QPSK, 1 RB, 0 RB Offset**

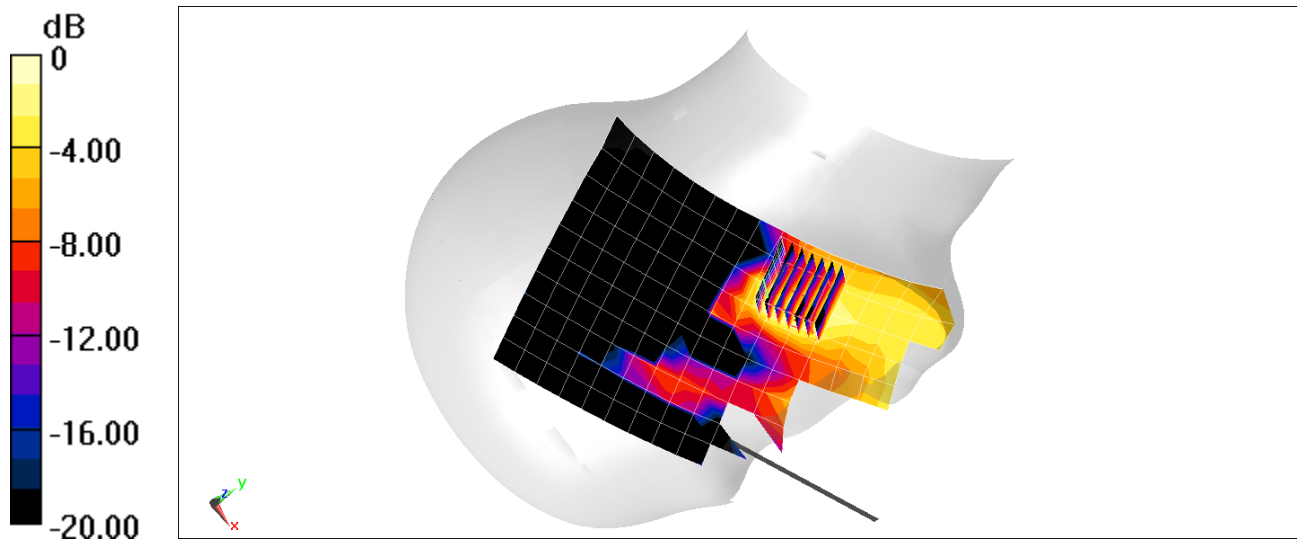
Area Scan (11x18x1): Measurement grid: $dx=12\text{mm}$, $dy=12\text{mm}$

Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

Reference Value = 5.529 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 0.101 W/kg

SAR(1 g) = 0.045 W/kg



0 dB = 0.0731 W/kg = -11.36 dBW/kg

PCTEST

DUT: A3LSMF711U; Type: Portable Handset; Serial: 0881M

Communication System: UID:10494-AAF, LTE-TDD; MAIA: Y; Frequency: 3690.0 MHz

Medium: 3600 Head; Medium parameters used:

$f = 3690.0$ MHz; $\text{cond} = 3.08$ S/m; $\text{perm} = 36.5$; $\text{density} = 1000$ kg/m³

Phantom Section: Right Head

Test Date: 05/19/2021; Ambient Temp: 22.1°C; Tissue Temp: 19.9°C

Probe: EX3DV4 - SN7539; ConvF:(6.55,6.55,6.55); Calibrated: 2020-10-20

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

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

Phantom: Twin-SAM V8.0 (Right); Serial: 1966

Measurement SW: cDASY6 Module SAR V6.14.0.959

**Mode: LTE Band 48, Right Head, Cheek, High.Ch, 20 MHz Bandwidth
QPSK, 50 RB, 0 RB Offset**

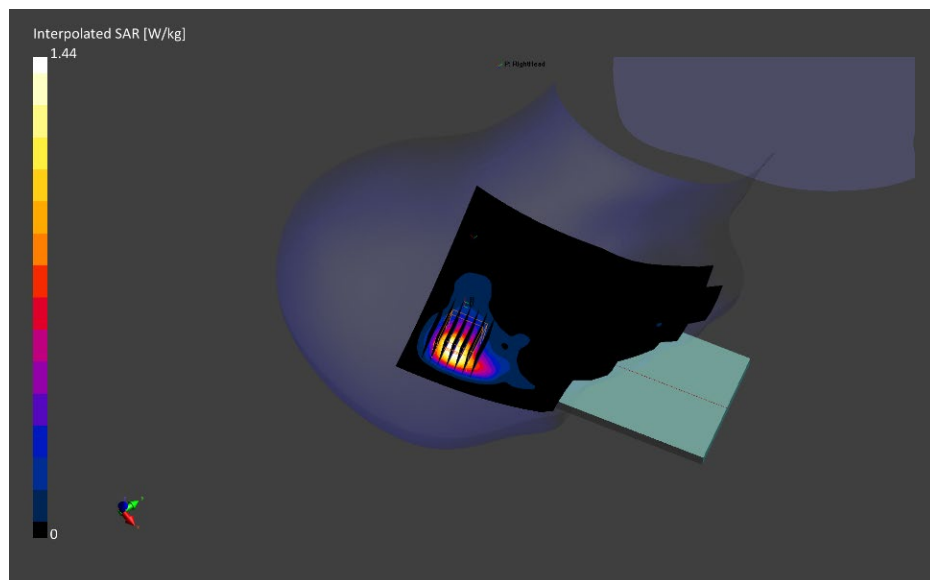
Area Scan (120.0 x 200.0): Measurement grid: $dx=10.0$ mm, $dy=10.0$ mm

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: 1.4
Graded Ratio: 1.5

Reference Value = 0.63 W/Kg; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 1.44 W/kg

SAR(1 g) = 0.512 W/kg



PCTEST

DUT: A3LSMF711U; Type: Portable Handset; Serial: 0123M

Communication System: UID 0, _LTE Band 41 (Class 2); Frequency: 2680 MHz; Duty Cycle: 1:2.31

Medium: 2450 Head; Medium parameters used:

$f = 2680$ MHz; $\sigma = 2.108$ S/m; $\epsilon_r = 37.636$; $\rho = 1000$ kg/m³

Phantom section: Left Section

Test Date: 04/13/2021; Ambient Temp: 23.5°C; Tissue Temp: 22.5°C

Probe: EX3DV4 - SN7308; ConvF(7.19, 7.19, 7.19) @ 2680 MHz; Calibrated: 7/31/2020

Sensor-Surface: 1.4mm (Mechanical Surface Detection)

Electronics: DAE4 Sn1450; Calibrated: 8/11/2020

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

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

**Mode: LTE Band 41 PC2, Left Head, Cheek, High.ch,
QPSK, 20 MHz Bandwidth, 1 RB, 50 RB Offset**

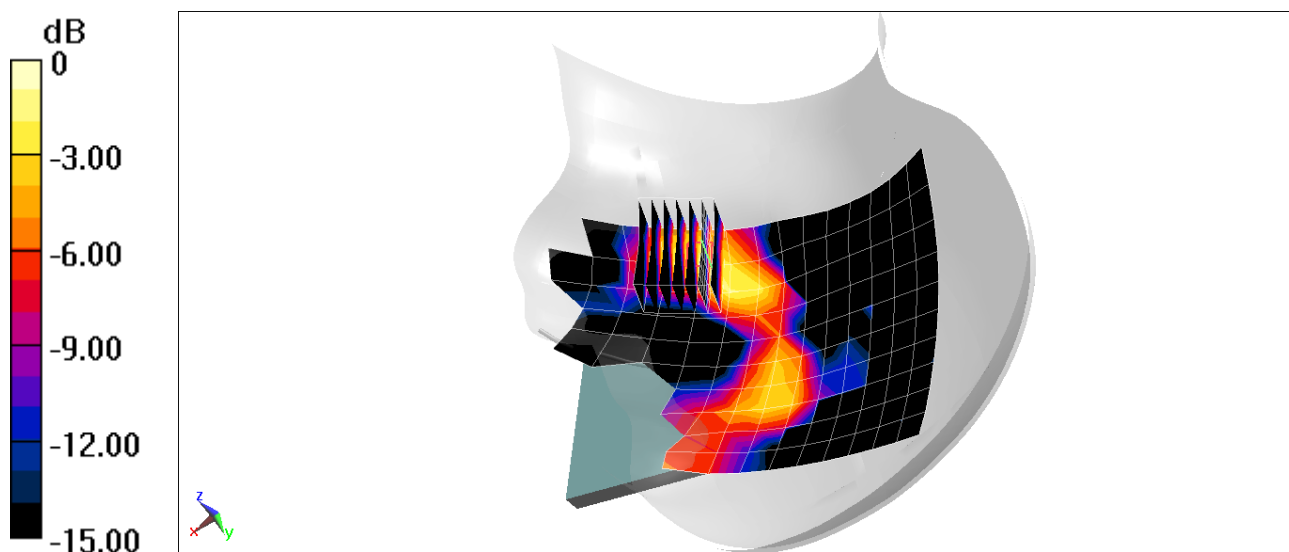
Area Scan (11x17x1): Measurement grid: dx=12mm, dy=12mm

Zoom Scan (8x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 7.368 V/m; Power Drift = 0.10 dB

Peak SAR (extrapolated) = 0.194 W/kg

SAR(1 g) = 0.096 W/kg



0 dB = 0.157 W/kg = -8.04 dBW/kg

PCTEST

DUT: A3LSMF711U; Type: Portable Handset; Serial: 0175M

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

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

$f = 680.5 \text{ MHz}$; $\sigma = 0.877 \text{ S/m}$; $\epsilon_r = 42.373$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Left Section

Test Date: 05/23/2021; Ambient Temp: 22.2°C; Tissue Temp: 22.2°C

Probe: EX3DV4 - SN7357; ConvF(10.18, 10.18, 10.18) @ 680.5 MHz; Calibrated: 4/19/2021

Sensor-Surface: 1.4mm (Mechanical Surface Detection)

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

Phantom: Front; Type: QD 000 P40 CD; Serial: 1686

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

**Mode: NR Band n71, Left Head, Cheek, 20 MHz Bandwidth,
DFT-s-OFDM QPSK, Ch. 136100, 50 RB, 28 RB Offset**

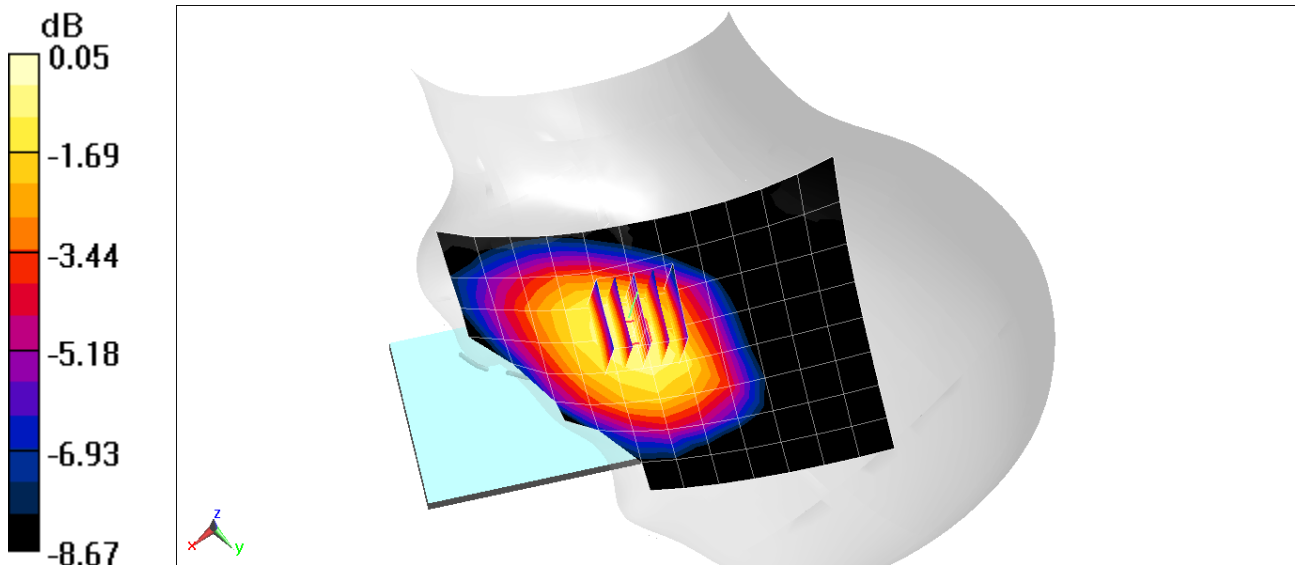
Area Scan (9x13x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Reference Value = 15.97 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.261 W/kg

SAR(1 g) = 0.208 W/kg



0 dB = 0.241 W/kg = -6.18 dBW/kg

PCTEST

DUT: A3LSMF711U; Type: Portable Handset; Serial: 0177M

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

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

$f = 707.5$ MHz; $\sigma = 0.886$ S/m; $\epsilon_r = 42.274$; $\rho = 1000$ kg/m³

Phantom section: Left Section

Test Date: 05/23/2021; Ambient Temp: 22.2°C; Tissue Temp: 22.2°C

Probe: EX3DV4 - SN7357; ConvF(10.18, 10.18, 10.18) @ 707.5 MHz; Calibrated: 4/19/2021

Sensor-Surface: 1.4mm (Mechanical Surface Detection)

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

Phantom: Front; Type: QD 000 P40 CD; Serial: 1686

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

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

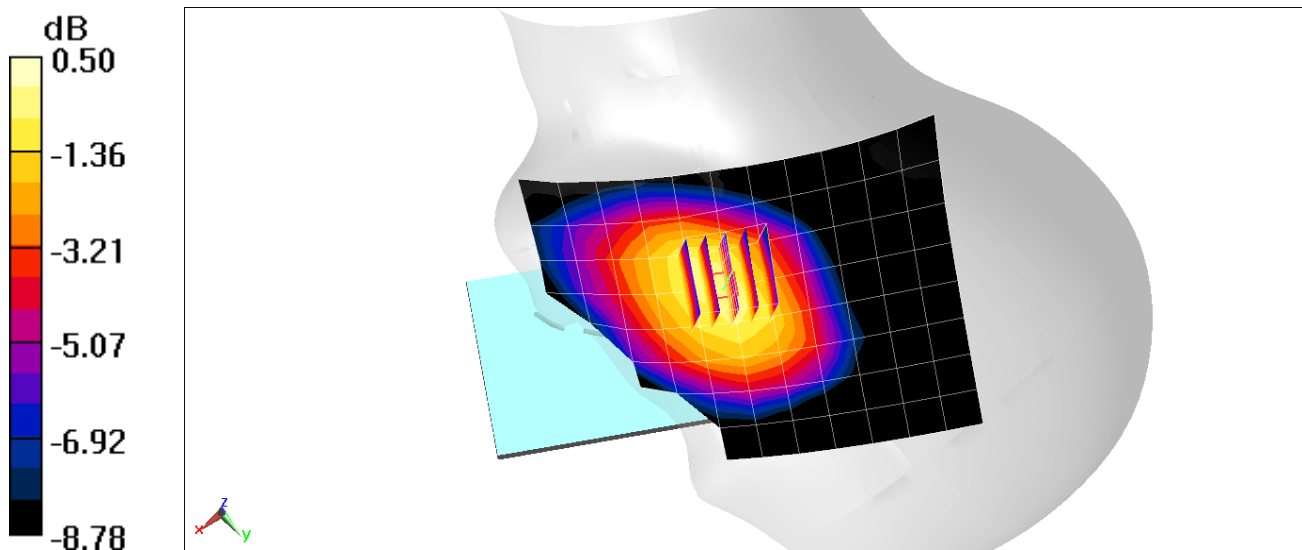
Area Scan (9x13x1): Measurement grid: dx=15mm, dy=15mm

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

Reference Value = 16.85 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.302 W/kg

SAR(1 g) = 0.242 W/kg



0 dB = 0.283 W/kg = -5.48 dBW/kg

PCTEST

DUT: A3LSMF711U; Type: Portable Handset; Serial: 0183M

Communication System: UID 0, NR Band n5; Frequency: 836.5 MHz; Duty Cycle: 1:1

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

$f = 836.5$ MHz; $\sigma = 0.933$ S/m; $\epsilon_r = 41.463$; $\rho = 1000$ kg/m³

Phantom section: Right Section

Test Date: 06/01/2021; Ambient Temp: 21.7°C; Tissue Temp: 21.7°C

Probe: EX3DV4 - SN7526; ConvF(9.16, 9.16, 9.16) @ 836.5 MHz; Calibrated: 3/16/2021

Sensor-Surface: 1.4mm (Mechanical Surface Detection)

Electronics: DAE4 Sn1272; Calibrated: 3/18/2021

Phantom: SAM Left; Type: QD000P40CC; Serial: TP: 1375

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

**Mode: NR Band n5, Right Head, Cheek, 20 MHz Bandwidth,
DFT-s-OFDM QPSK, Ch. 167300, 1 RB, 53 RB Offset**

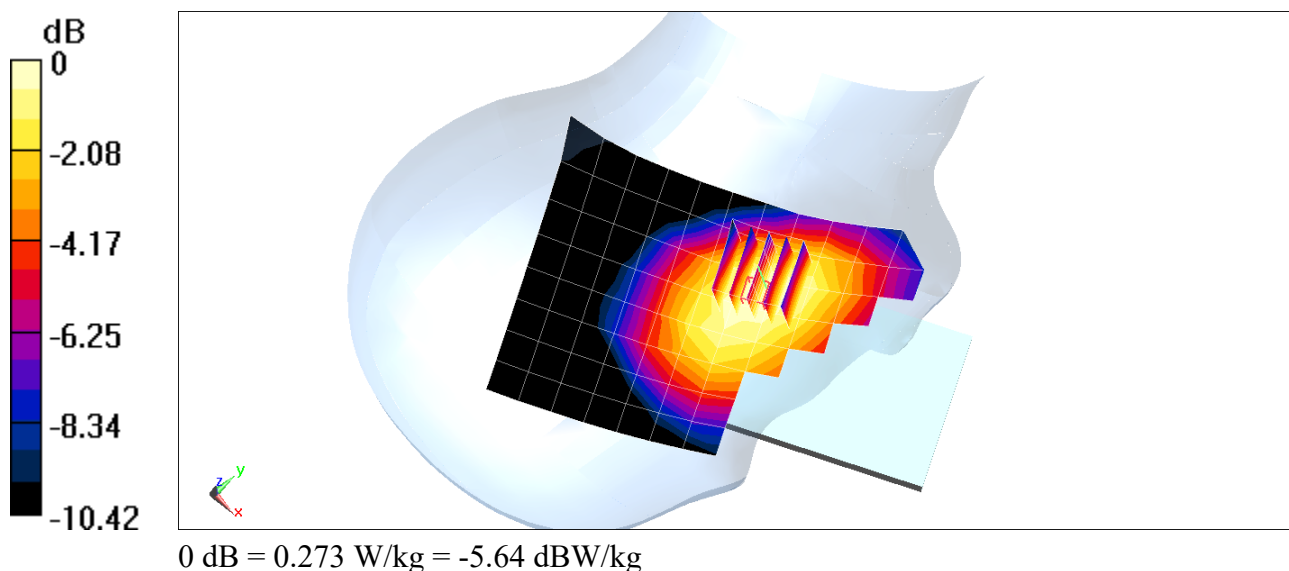
Area Scan (9x13x1): Measurement grid: dx=15mm, dy=15mm

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

Reference Value = 16.96 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.301 W/kg

SAR(1 g) = 0.228 W/kg



PCTEST

DUT: A3LSMF711U; Type: Portable Handset; Serial: 0879M

Communication System: UID 0, NR Band n66; Frequency: 1745 MHz; Duty Cycle: 1:1

Medium: 1750 Head; Medium parameters used:

$f = 1745 \text{ MHz}$; $\sigma = 1.38 \text{ S/m}$; $\epsilon_r = 40.181$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Left Section

Test Date: 05/20/2021; Ambient Temp: 23.8°C; Tissue Temp: 22.4°C

Probe: EX3DV4 - SN7357; ConvF(8.67, 8.67, 8.67) @ 1745 MHz; Calibrated: 4/19/2021

Sensor-Surface: 1.4mm (Mechanical Surface Detection)

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

Phantom: Front; Type: QD 000 P40 CD; Serial: 1686

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

**Mode: NR Band n66 Ant I, Left Head, Cheek, 40 MHz Bandwidth,
CP-OFDM QPSK, Ch. 349000, 1 RB, 1 RB Offset**

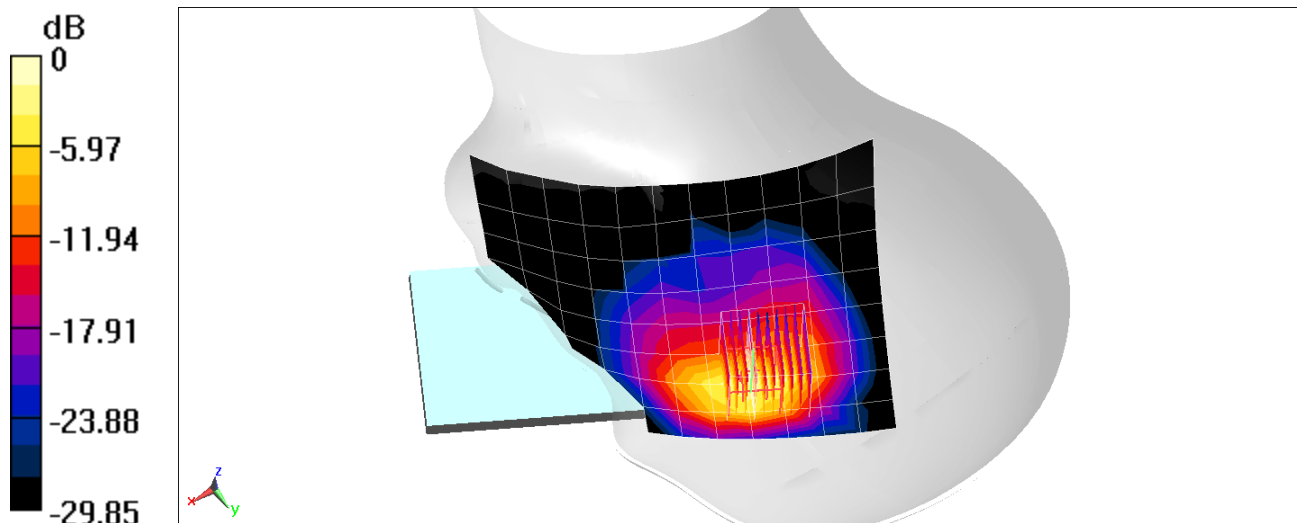
Area Scan (9x13x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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 = 27.52 V/m; Power Drift = 0.00 dB

Peak SAR (extrapolated) = 1.94 W/kg

SAR(1 g) = 0.813 W/kg



0 dB = 1.40 W/kg = 1.46 dBW/kg

PCTEST

DUT: A3LSMF711U; Type: Portable Handset; Serial: 0818M

Communication System: UID 0, NR Band n25; Frequency: 1882.5 MHz; Duty Cycle: 1:1

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

$f = 1882.5 \text{ MHz}$; $\sigma = 1.41 \text{ S/m}$; $\epsilon_r = 39.291$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Left Section

Test Date: 05/31/2021; Ambient Temp: 24.3°C; Tissue Temp: 23.2°C

Probe: EX3DV4 - SN7571; ConvF(8.01, 8.01, 8.01) @ 1882.5 MHz; Calibrated: 12/11/2020

Sensor-Surface: 1.4mm (Mechanical Surface Detection)

Electronics: DAE4 Sn1533; Calibrated: 12/7/2020

Phantom: SAM 5.0 front; Type: QD000P40CD; Serial: 1648

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

**Mode: NR Band n25 Ant I, Left Head, Cheek, 40 MHz Bandwidth,
CP-OFDM QPSK, Ch. 376500, 1 RB, 1 RB Offset**

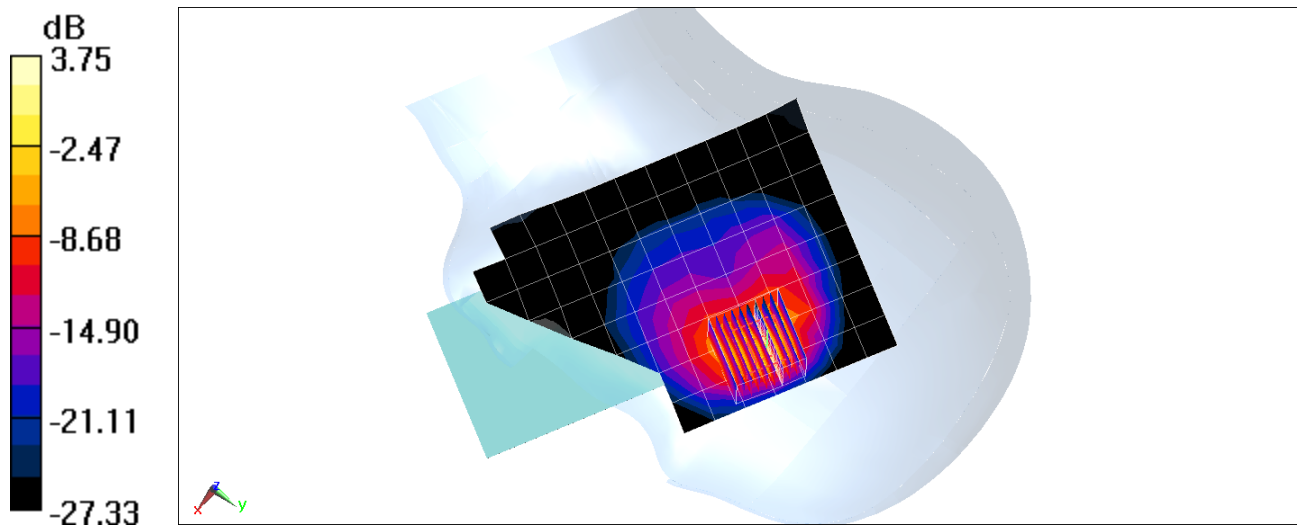
Area Scan (9x15x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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 = 28.81 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 2.39 W/kg

SAR(1 g) = 0.918 W/kg



0 dB = 1.70 W/kg = 2.30 dBW/kg

PCTEST

DUT: A3LSMF711U; Type: Portable Handset; Serial: 0181M

Communication System: UID 0, NR Band n30; Frequency: 2310 MHz; Duty Cycle: 1:1

Medium: 2450 Head; Medium parameters used:

$f = 2310 \text{ MHz}$; $\sigma = 1.708 \text{ S/m}$; $\epsilon_r = 39.585$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Left Section

Test Date: 04/22/2021; Ambient Temp: 23.5°C; Tissue Temp: 23.7°C

Probe: EX3DV4 - SN7308; ConvF(7.7, 7.7, 7.7) @ 2310 MHz; Calibrated: 7/31/2020

Sensor-Surface: 1.4mm (Mechanical Surface Detection)

Electronics: DAE4 Sn1450; Calibrated: 8/11/2020

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

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

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

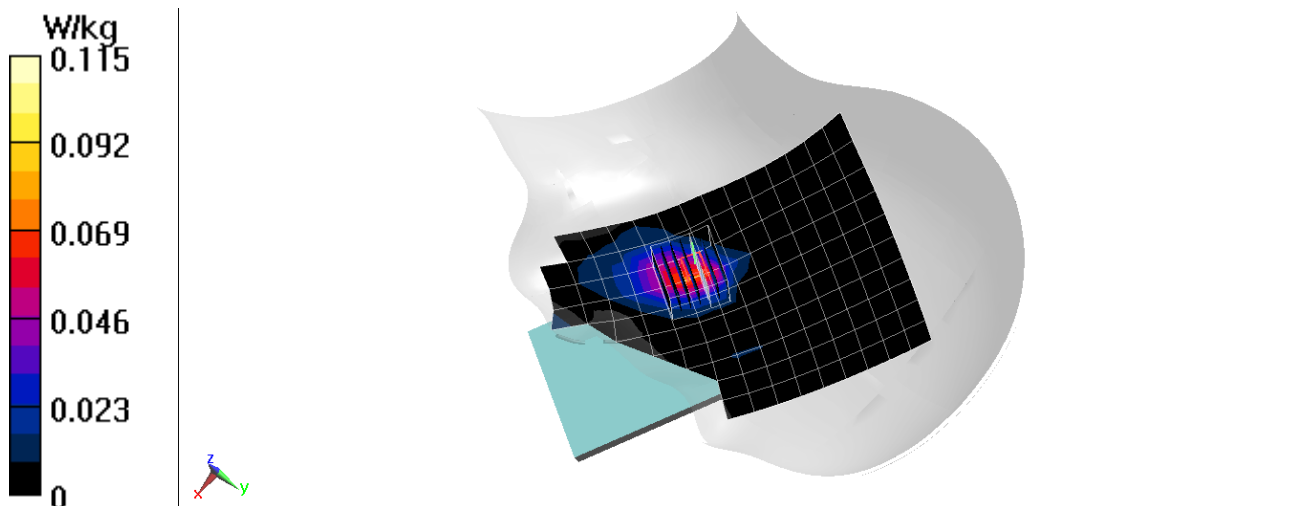
Area Scan (11x16x1): Measurement grid: $dx=12\text{mm}$, $dy=12\text{mm}$

Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

Reference Value = 5.711 V/m; Power Drift = 0.09 dB

Peak SAR (extrapolated) = 0.140 W/kg

SAR(1 g) = 0.069 W/kg



PCTEST

DUT: A3LSMF711U; Type: Portable Handset; Serial: 0897M

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; $\text{cond} = 1.96$ S/m; $\text{perm} = 39.1$; $\text{density} = 1000$ kg/m³

Phantom Section: Left Head

Test Date: 06/01/2021; Ambient Temp: 23.3°C; Tissue Temp: 21.7°C

Probe: EX3DV4 - SN7539; ConvF:(7.18,7.18,7.18); Calibrated: 2020-10-20

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

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

Phantom: Twin-SAM V8.0 (Right); Serial: 1966

Measurement SW: cDASY6 Module SAR V6.14.0.959

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

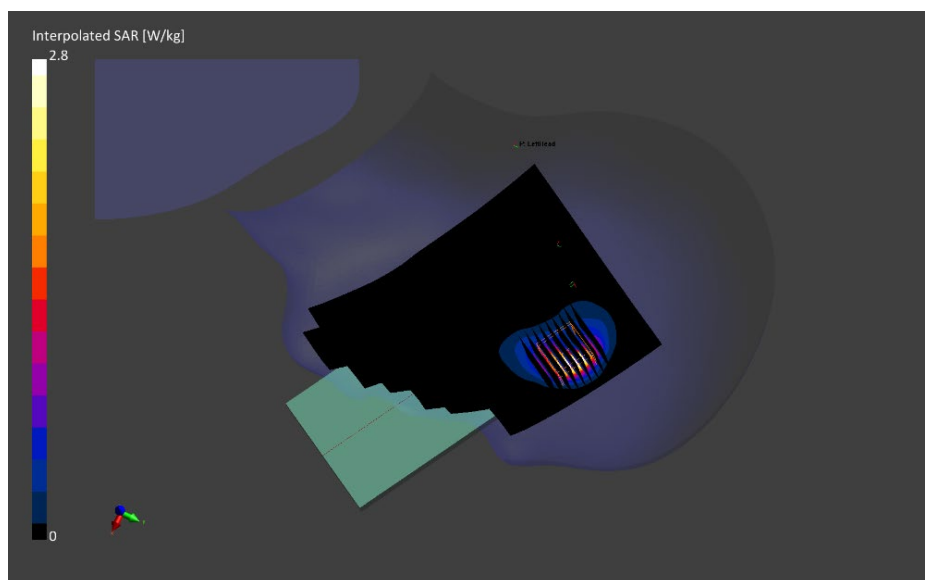
Area Scan (120.0 x 200.0): Measurement grid: $dx=10.0$ mm, $dy=10.0$ mm

Zoom Scan (30.0 x 30.0 x 30.0): Measurement grid: $dx=4.1$ mm, $dy=4.1$ mm, $dz=1.4$ mm; Graded Ratio: 1.4

Reference Value = 1.37 W/Kg; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 2.79 W/kg

SAR(1 g) = 0.940 W/kg



PCTEST

DUT: A3LSMF711U; Type: Portable Handset; Serial: 0831M

Communication System: UID:10803-AAD, 5G NR FR1 TDD; MAIA: Y; Frequency: 3500.0 MHz

Medium: 3600 Head; Medium parameters used:

$f = 3500.0$ MHz; $\text{cond} = 2.88$ S/m; $\text{perm} = 38.1$; $\text{density} = 1000$ kg/m³

Phantom Section: Right Head

Test Date: 05/10/2021; Ambient Temp: 22.0°C; Tissue Temp: 20.0°C

Probe: EX3DV4 - SN7539; ConvF:(6.76,6.76,6.76); Calibrated: 2020-10-20

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

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

Phantom: Twin-SAM V8.0 (Right); Serial: 1966

Measurement SW: cDASY6 Module SAR V6.14.0.959

**Mode: NR Band n77 DoD Ant F, Right Head, Cheek, 100 MHz Bandwidth,
CP-OFDM QPSK, Ch. 633334, 1 RB, 1 RB Offset**

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

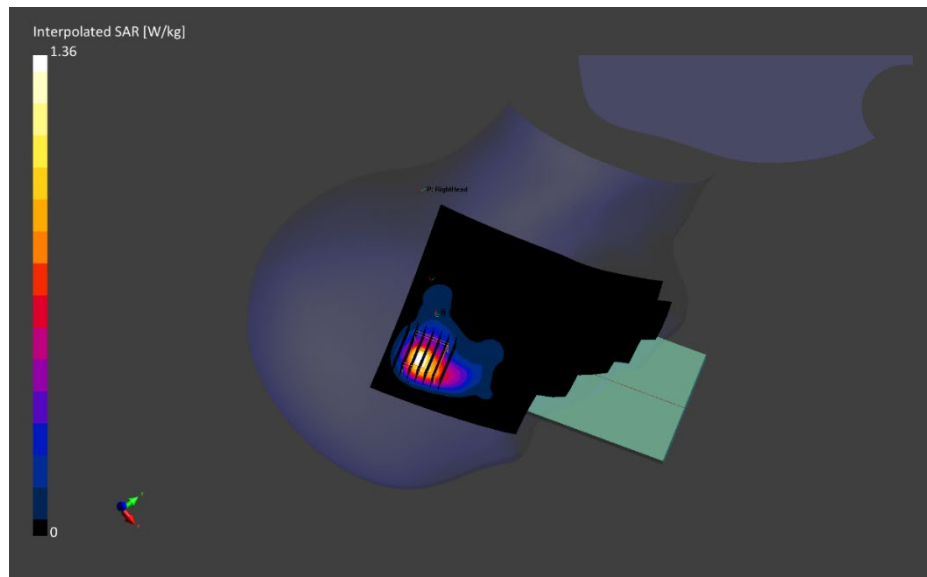
Zoom Scan (28.0 x 28.0 x 28.0): Measurement grid: $dx=5.0$ mm, $dy=5.0$ mm, $dz=1.4$ mm; Graded Ratio: 1.4;

Graded Ratio: 1.5

Reference Value = 0.64 W/Kg; Power Drift = 0.11 dB

Peak SAR (extrapolated) = 1.35 W/kg

SAR(1 g) = 0.491 W/kg



PCTEST

DUT: A3LSMF711U; Type: Portable Handset; Serial: 0831M

Communication System: UID:10917-AAB, 5G NR FR1 TDD; MAIA: Y; Frequency: 3750.0 MHz

Medium: 3600 Head; Medium parameters used:

$f = 3750.0$ MHz; $\text{cond} = 3.15$ S/m; $\text{perm} = 36.4$; $\text{density} = 1000$ kg/m³

Phantom Section: Right Head

Test Date: 05/19/2021; Ambient Temp: 22.1°C; Tissue Temp: 19.9°C

Probe: EX3DV4 - SN7539; ConvF:(6.55,6.55,6.55); Calibrated: 2020-10-20

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

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

Phantom: Twin-SAM V8.0 (Right); Serial: 1966

Measurement SW: cDASY6 Module SAR V6.14.0.959

**Mode: NR Band n77 Ant F, Right Head, Cheek, 100 MHz Bandwidth
DFT-s-OFDM QPSK, Ch.650000, 135 RB, 69 RB Offset**

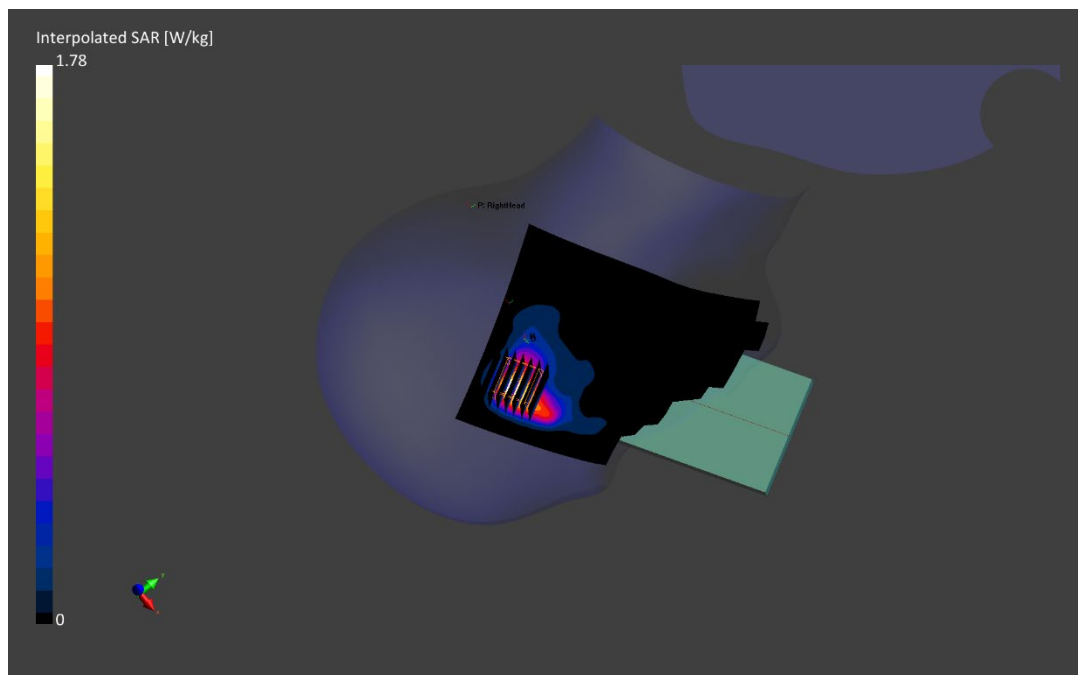
Area Scan (120.0 x 200.0): Measurement grid: $dx=10.0$ mm, $dy=10.0$ mm

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 = 0.83 W/Kg; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 1.78 W/kg

SAR(1 g) = 0.633 W/kg



PCTEST

DUT: A3LSMF711U; Type: Portable Handset; Serial: 1600S

Communication System: UID 0, 802.11b; Frequency: 2437 MHz; Duty Cycle: 1:1

Medium: 2450 Head; Medium parameters used (interpolated):

$f = 2437$ MHz; $\sigma = 1.859$ S/m; $\epsilon_r = 39.728$; $\rho = 1000$ kg/m³

Phantom section: Right Section

Test Date: 04/27/2021; Ambient Temp: 23.3°C; Tissue Temp: 24.0°C

Probe: EX3DV4 - SN7571; ConvF(7.28, 7.28, 7.28) @ 2437 MHz; Calibrated: 12/11/2020

Sensor-Surface: 1.4mm (Mechanical Surface Detection)

Electronics: DAE4 Sn1533; Calibrated: 12/7/2020

Phantom: SAM 5.0 front; Type: QD000P40CD; Serial: 1648

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

Mode: IEEE 802.11b Ant 2 - Q, 22 MHz Bandwidth
Right Head, Cheek, Ch 6, 1 Mbps

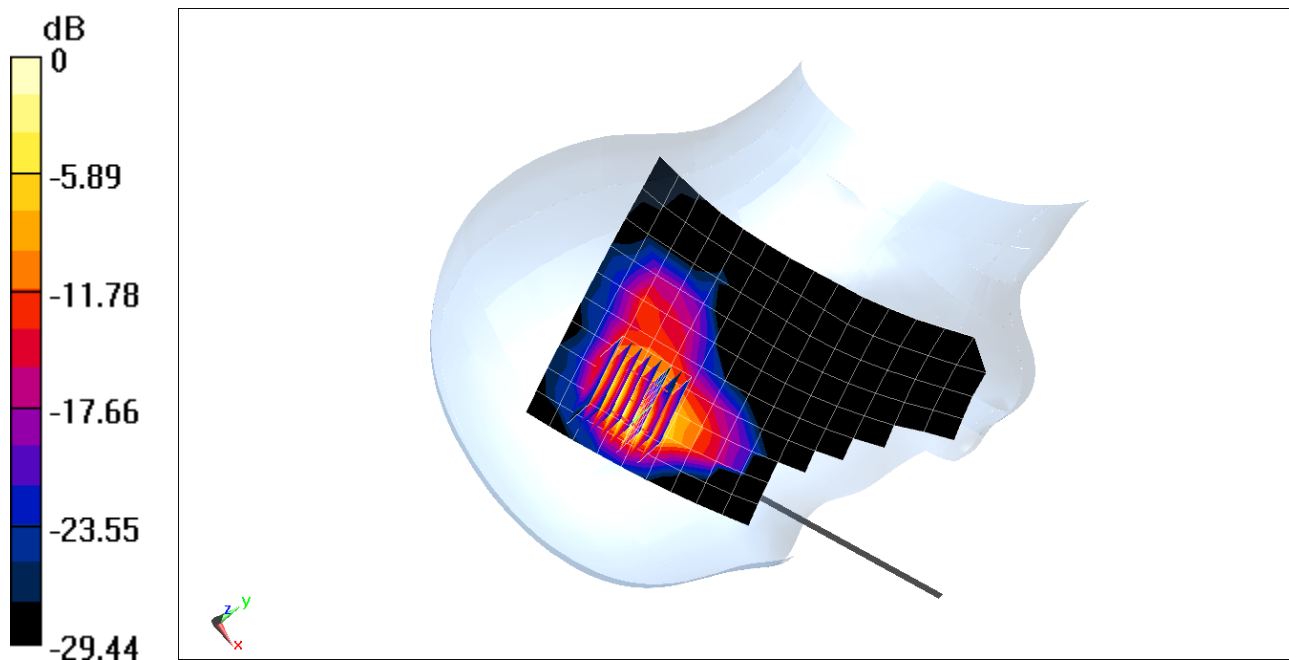
Area Scan (11x18x1): Measurement grid: dx=12mm, dy=12mm

Zoom Scan (8x8x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 4.451 V/m; Power Drift = -0.20 dB

Peak SAR (extrapolated) = 1.53 W/kg

SAR(1 g) = 0.510 W/kg



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

PCTEST

DUT: A3LSMF711U; Type: Portable Handset; Serial: 0115S

Communication System: UID:10544-AAC, WLAN; MAIA: Y; Frequency: 5290.0 MHz

Medium: 5200-5800 Head; Medium parameters used:

f = 5290.0 MHz; cond = 4.69 S/m; perm = 34.9; density = 1000 kg/m³

Phantom Section: Left Head

Test Date: 05/17/2021; Ambient Temp: 22.8°C; Tissue Temp: 20.7°C

Probe: EX3DV4 - SN7538; ConvF:(5.29,5.29,5.29); Calibrated: 2020-11-23

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

Electronics: DAE4 Sn1449; Calibrated: 2020-09-10

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

Measurement SW: cDASY6 Module SAR V6.14.0.959

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

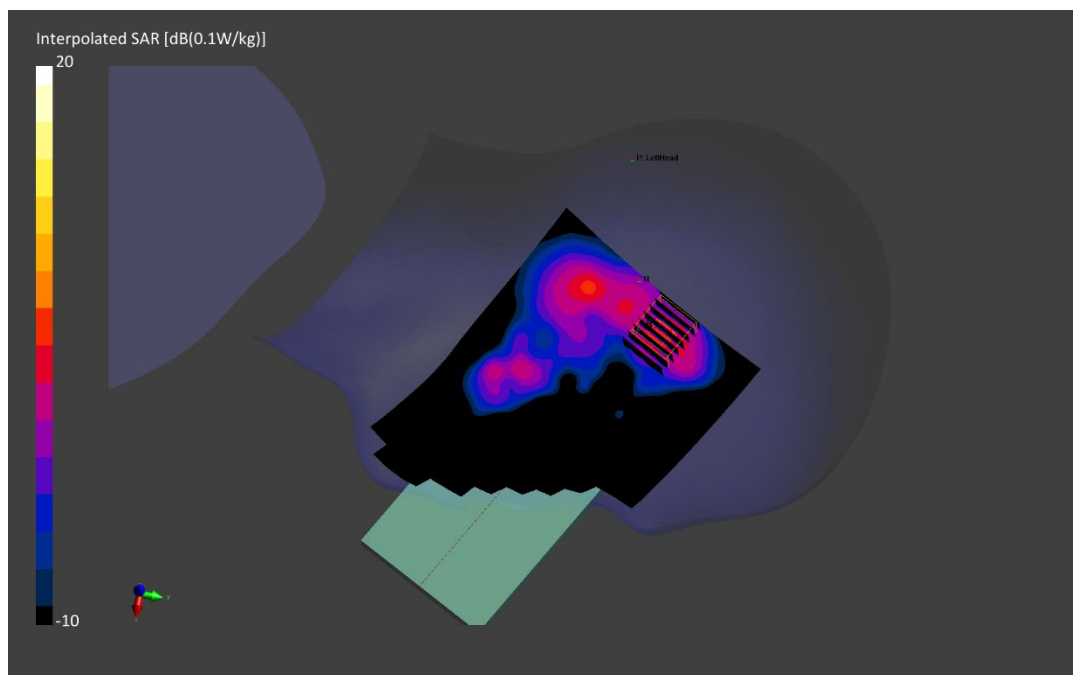
Area Scan (120.0 x 200.0): Measurement grid: dx=10.0mm, dy=10.0mm

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

Reference Value = 0.33 W/Kg; Power Drift = -0.10 dB

Peak SAR (extrapolated) = 1.00 W/kg

SAR(1 g) = 0.258 W/kg



PCTEST

DUT: A3LSMF711U; Type: Portable Handset; Serial: 1600S

Communication System: UID:10032-CAA, Bluetooth; MAIA: Y; Frequency: 2441.0 MHz

Medium: 2450 Head; Medium parameters used:

$f = 2441.0$ MHz; $\text{cond} = 1.85$ S/m; $\text{perm} = 39.3$; $\text{density} = 1000$ kg/m³

Phantom Section: Right Head

Test Date: 06/01/2021; Ambient Temp: 23.3°C; Tissue Temp: 21.7°C

Probe: EX3DV4 - SN7539; ConvF:(7.43,7.43,7.43); Calibrated: 2020-10-20

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

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

Phantom: Twin-SAM V8.0 (Right); Serial: 1966

Measurement SW: cDASY6 Module SAR V6.14.0.959

Mode: Bluetooth Ant 2 - Q, Right Head, Cheek, Ch. 39, 1 Mbps

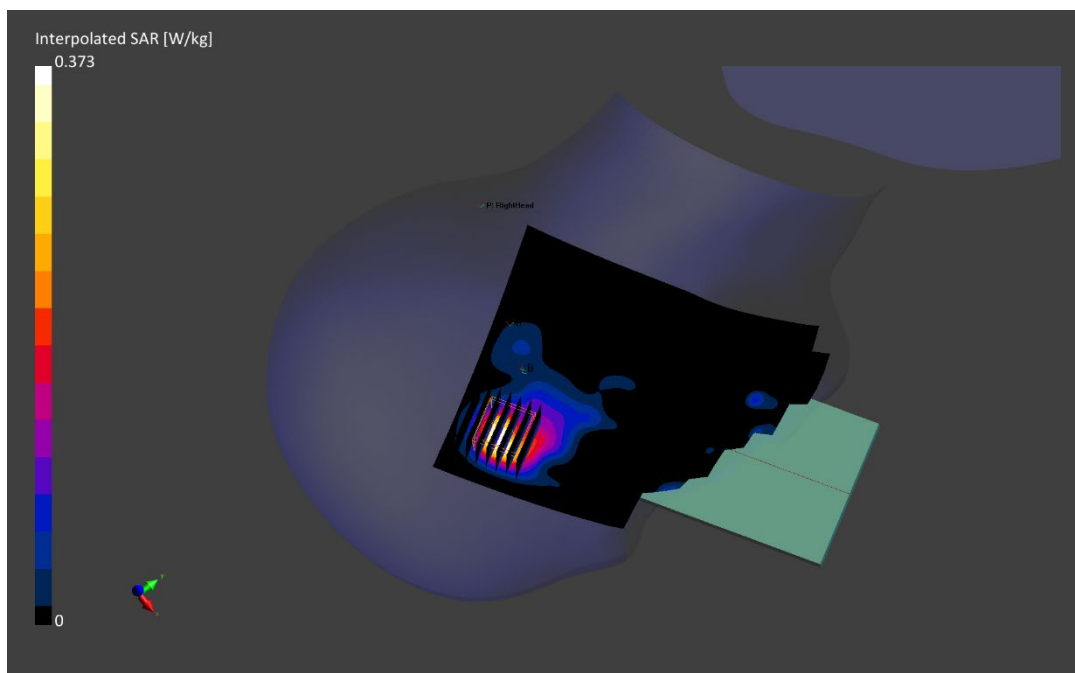
Area Scan (120.0 x 200.0): Measurement grid: $dx=10.0$ mm, $dy=10.0$ mm

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

Reference Value = 0.16 W/Kg; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.37 W/kg

SAR(1 g) = 0.135 W/kg



PCTEST

DUT: A3LSMF711U; Type: Portable Handset; Serial: 0747M

Communication System: UID 0, CDMA; Frequency: 848.31 MHz; Duty Cycle: 1:1

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

$f = 848.31$ MHz; $\sigma = 0.974$ S/m; $\epsilon_r = 52.649$; $\rho = 1000$ kg/m³

Phantom section: Flat Section; Space: 1.5 cm

Test Date: 05/03/2021; Ambient Temp: 23.9°C; Tissue Temp: 21.5°C

Probe: EX3DV4 - SN7308; ConvF(9.92, 9.92, 9.92) @ 848.31 MHz; Calibrated: 7/31/2020

Sensor-Surface: 1.4mm (Mechanical Surface Detection)

Electronics: DAE4 Sn1450; Calibrated: 8/11/2020

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

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

Mode: Cell. CDMA Closed, BC 0, Body SAR, Back side, High.ch

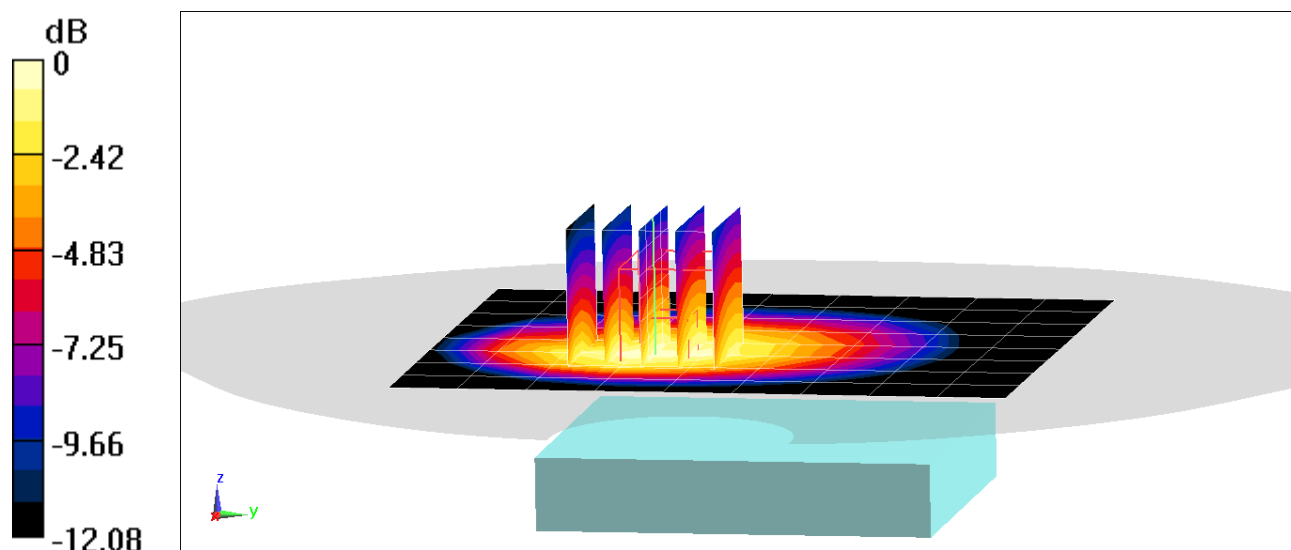
Area Scan (9x10x1): Measurement grid: dx=15mm, dy=15mm

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

Reference Value = 20.18 V/m; Power Drift = 0.00 dB

Peak SAR (extrapolated) = 0.579 W/kg

SAR(1 g) = 0.378 W/kg



0 dB = 0.505 W/kg = -2.97 dBW/kg

PCTEST

DUT: A3LSMF711U; Type: Portable Handset; Serial: 0747M

Communication System: UID 0, CDMA; Frequency: 836.52 MHz; Duty Cycle: 1:1

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

$f = 836.52$ MHz; $\sigma = 0.962$ S/m; $\epsilon_r = 52.762$; $\rho = 1000$ kg/m³

Phantom section: Flat Section; Space: 0.5 cm

Test Date: 05/03/2021; Ambient Temp: 23.9°C; Tissue Temp: 21.5°C

Probe: EX3DV4 - SN7308; ConvF(9.92, 9.92, 9.92) @ 836.52 MHz; Calibrated: 7/31/2020

Sensor-Surface: 1.4mm (Mechanical Surface Detection)

Electronics: DAE4 Sn1450; Calibrated: 8/11/2020

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

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

Mode: Cell. EVDO Closed, BC 0, Body SAR, Back side, Mid.ch

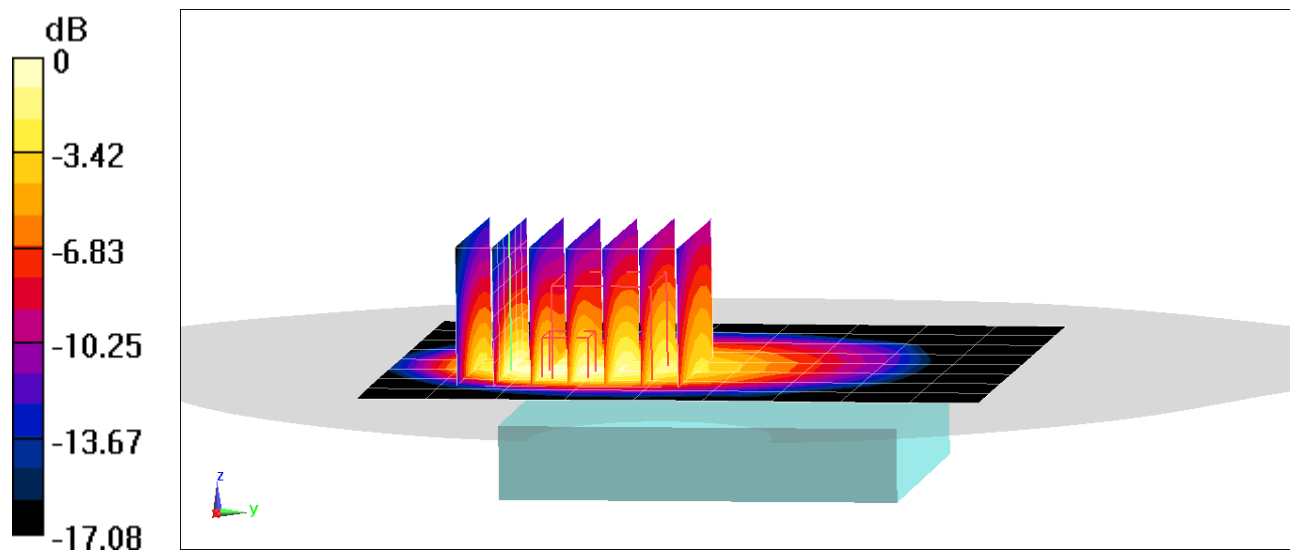
Area Scan (9x10x1): Measurement grid: dx=15mm, dy=15mm

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 28.87 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 1.62 W/kg

SAR(1 g) = 0.847 W/kg



0 dB = 1.27 W/kg = 1.04 dBW/kg

PCTEST

DUT: A3LSMF711U; Type: Portable Handset; Serial: 0765M

Communication System: UID 0, CDMA; Frequency: 1880 MHz; Duty Cycle: 1:1

Medium: 1900 Body; Medium parameters used:

$f = 1880 \text{ MHz}$; $\sigma = 1.54 \text{ S/m}$; $\epsilon_r = 53.169$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section; Space: 1.5 cm

Test Date: 05/19/2021; Ambient Temp: 23.7°C; Tissue Temp: 22.5°C

Probe: EX3DV4 - SN3589; ConvF(6.84, 6.84, 6.84) @ 1880 MHz; Calibrated: 1/20/2021

Sensor-Surface: 1.4mm (Mechanical Surface Detection)

Electronics: DAE4 Sn1558; Calibrated: 1/13/2021

Phantom: Twin-SAM V5.0 (30); Type: QD 000 P40 CD; Serial: 1646

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

Mode: PCS CDMA Open, Body SAR, Back side, Mid.ch

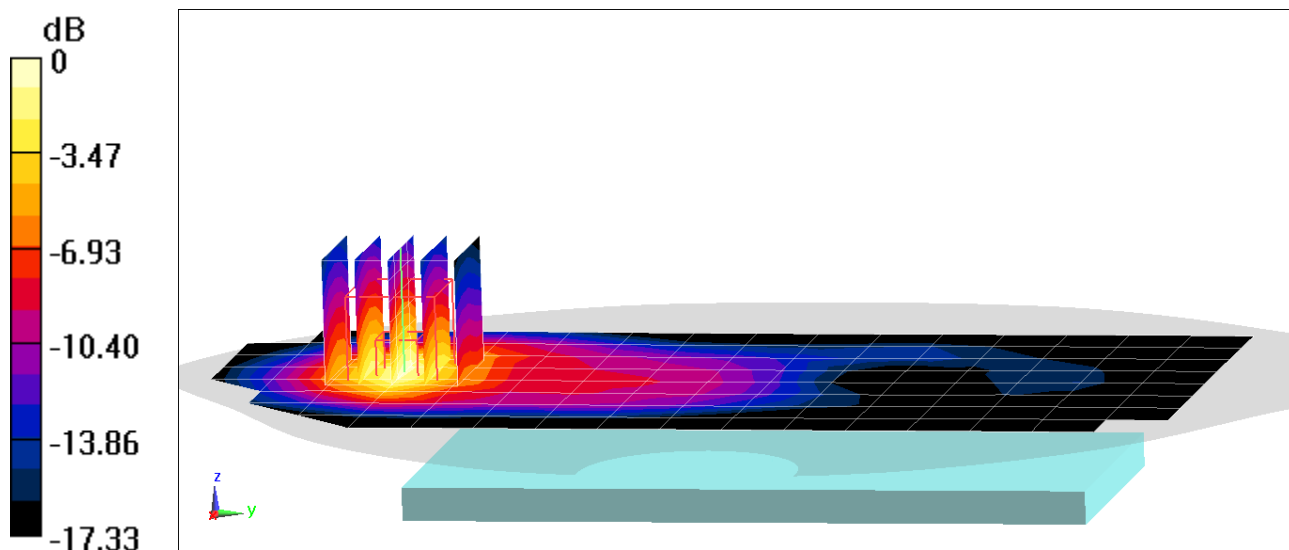
Area Scan (9x17x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Reference Value = 24.58 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 1.45 W/kg

SAR(1 g) = 0.855 W/kg



0 dB = 1.25 W/kg = 0.97 dBW/kg

PCTEST

DUT: A3LSMF711U; Type: Portable Handset; Serial: 0765M

Communication System: UID 0, CDMA; Frequency: 1880 MHz; Duty Cycle: 1:1

Medium: 1900 Body; Medium parameters used:

$f = 1880 \text{ MHz}$; $\sigma = 1.479 \text{ S/m}$; $\epsilon_r = 52.297$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section; Space: 0.5 cm

Test Date: 06/02/2021; Ambient Temp: 24.4°C; Tissue Temp: 23.4°C

Probe: EX3DV4 - SN7571; ConvF(7.67, 7.67, 7.67) @ 1880 MHz; Calibrated: 12/11/2020

Sensor-Surface: 1.4mm (Mechanical Surface Detection)

Electronics: DAE4 Sn1533; Calibrated: 12/7/2020

Phantom: SAM 5.0 front; Type: QD000P40CD; Serial: 1648

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

Mode: PCS EVDO Closed, Body SAR, Bottom Edge, Mid.ch

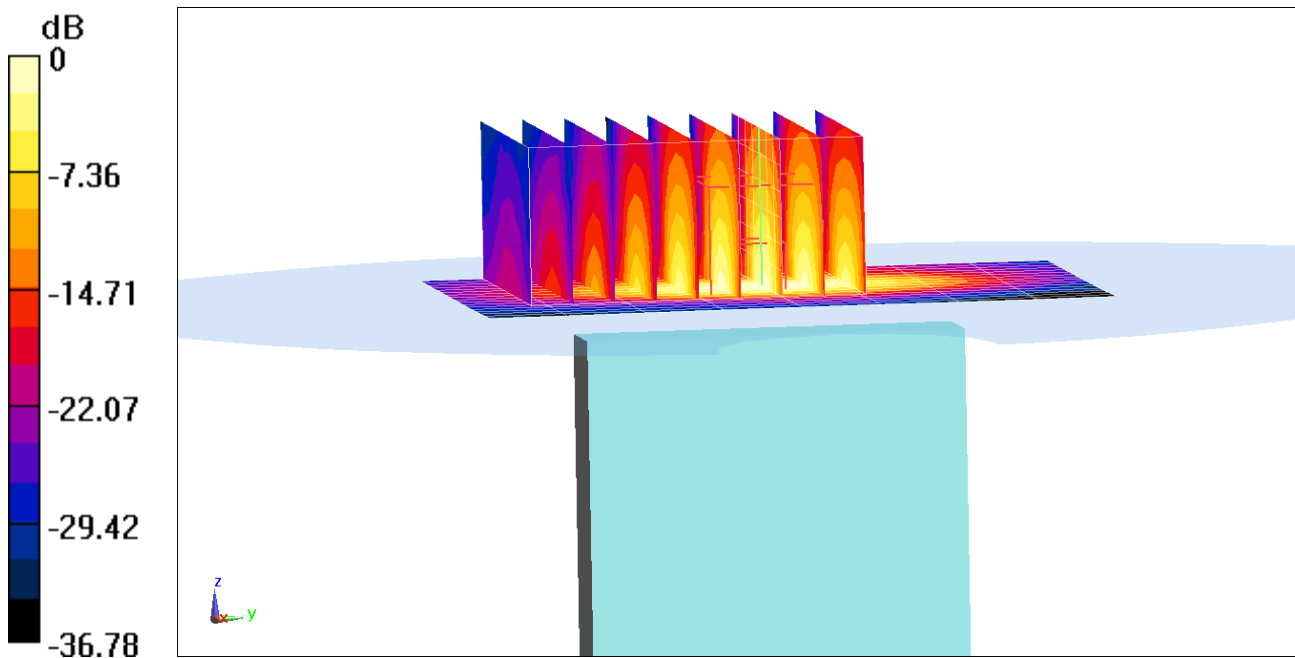
Area Scan (17x9x1): Measurement grid: $dx=5\text{mm}$, $dy=15\text{mm}$

Zoom Scan (8x9x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 25.59 V/m; Power Drift = -0.11 dB

Peak SAR (extrapolated) = 1.73 W/kg

SAR(1 g) = 0.880 W/kg



0 dB = 1.41 W/kg = 1.49 dBW/kg

PCTEST

DUT: A3LSMF711U; Type: Portable Handset; Serial: 0747M

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

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

$f = 824.2$ MHz; $\sigma = 0.934$ S/m; $\epsilon_r = 53.717$; $\rho = 1000$ kg/m³

Phantom section: Flat Section; Space: 1.5 cm

Test Date: 04/23/2021; Ambient Temp: 22.6°C; Tissue Temp: 22.2°C

Probe: EX3DV4 - SN7410; ConvF(9.73, 9.73, 9.73) @ 824.2 MHz; Calibrated: 7/20/2020

Sensor-Surface: 1.4mm (Mechanical Surface Detection)

Electronics: DAE4 Sn1322; Calibrated: 7/15/2020

Phantom: Twin-SAM V5.0 Left 20; Type: QD 000 P40 CD; Serial: 1715

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

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

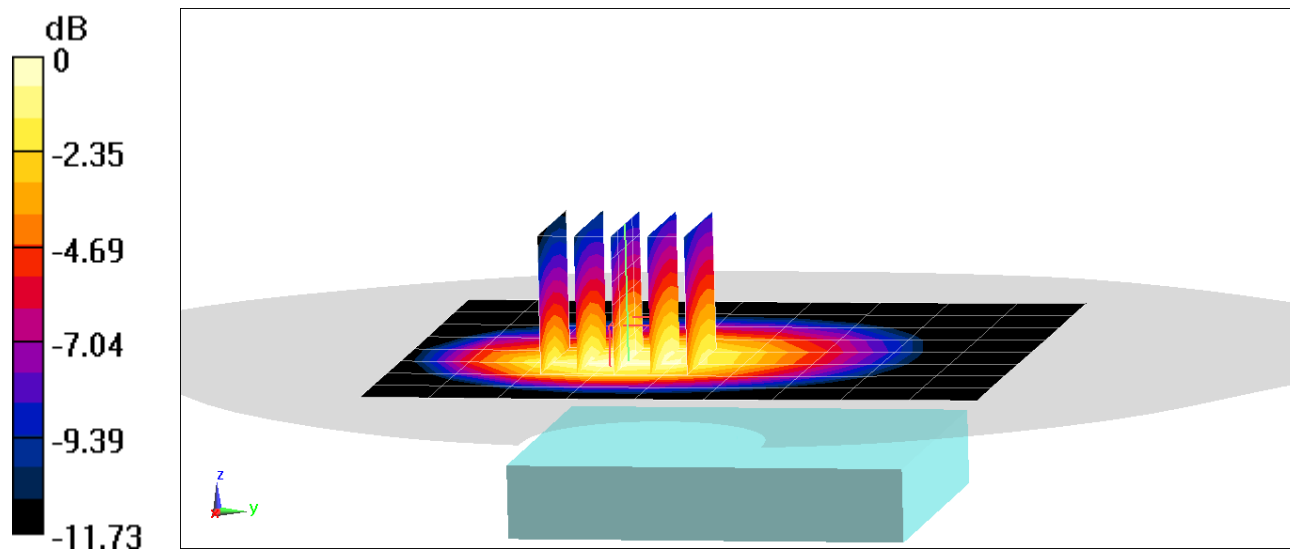
Area Scan (9x10x1): Measurement grid: dx=15mm, dy=15mm

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

Reference Value = 17.64 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 0.397 W/kg

SAR(1 g) = 0.272 W/kg



0 dB = 0.356 W/kg = -4.49 dBW/kg

PCTEST

DUT: A3LSMF711U; Type: Portable Handset; Serial: 0747M

Communication System: UID 0, GSM GPRS; 4 Tx slots; Frequency: 836.6 MHz; Duty Cycle: 1:2.076

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

$f = 836.6 \text{ MHz}$; $\sigma = 0.948 \text{ S/m}$; $\epsilon_r = 53.585$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section; Space: 0.5 cm

Test Date: 04/23/2021; Ambient Temp: 22.6°C; Tissue Temp: 22.2°C

Probe: EX3DV4 - SN7410; ConvF(9.73, 9.73, 9.73) @ 836.6 MHz; Calibrated: 7/20/2020

Sensor-Surface: 1.4mm (Mechanical Surface Detection)

Electronics: DAE4 Sn1322; Calibrated: 7/15/2020

Phantom: Twin-SAM V5.0 Left 20; Type: QD 000 P40 CD; Serial: 1715

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

Mode: GPRS 850 Closed, Body SAR, Back side, Mid.ch, 4 Tx Slots

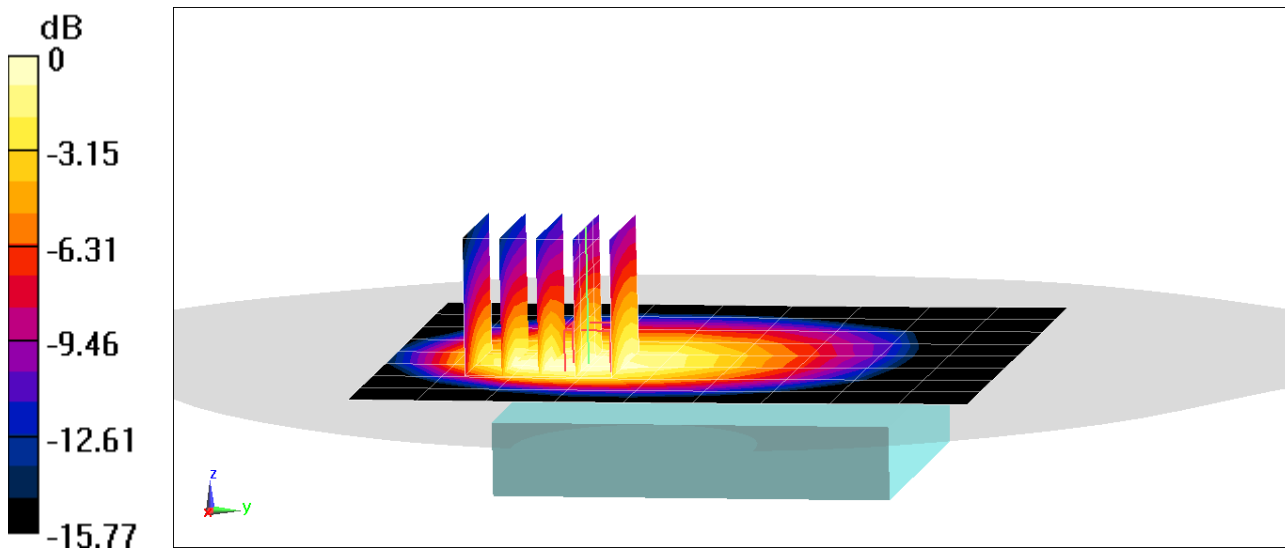
Area Scan (9x10x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Reference Value = 19.48 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 0.605 W/kg

SAR(1 g) = 0.365 W/kg



0 dB = 0.505 W/kg = -2.97 dBW/kg

PCTEST

DUT: A3LSMF711U; Type: Portable Handset; Serial: 0760M

Communication System: UID 0, GSM; Frequency: 1850.2 MHz; Duty Cycle: 1:8.30

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

$f = 1850.2$ MHz; $\sigma = 1.506$ S/m; $\epsilon_r = 53.262$; $\rho = 1000$ kg/m³

Phantom section: Flat Section; Space: 1.5 cm

Test Date: 05/19/2021; Ambient Temp: 23.7°C; Tissue Temp: 22.5°C

Probe: EX3DV4 - SN3589; ConvF(6.84, 6.84, 6.84) @ 1850.2 MHz; Calibrated: 1/20/2021

Sensor-Surface: 1.4mm (Mechanical Surface Detection)

Electronics: DAE4 Sn1558; Calibrated: 1/13/2021

Phantom: Twin-SAM V5.0 (30); Type: QD 000 P40 CD; Serial: 1646

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

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

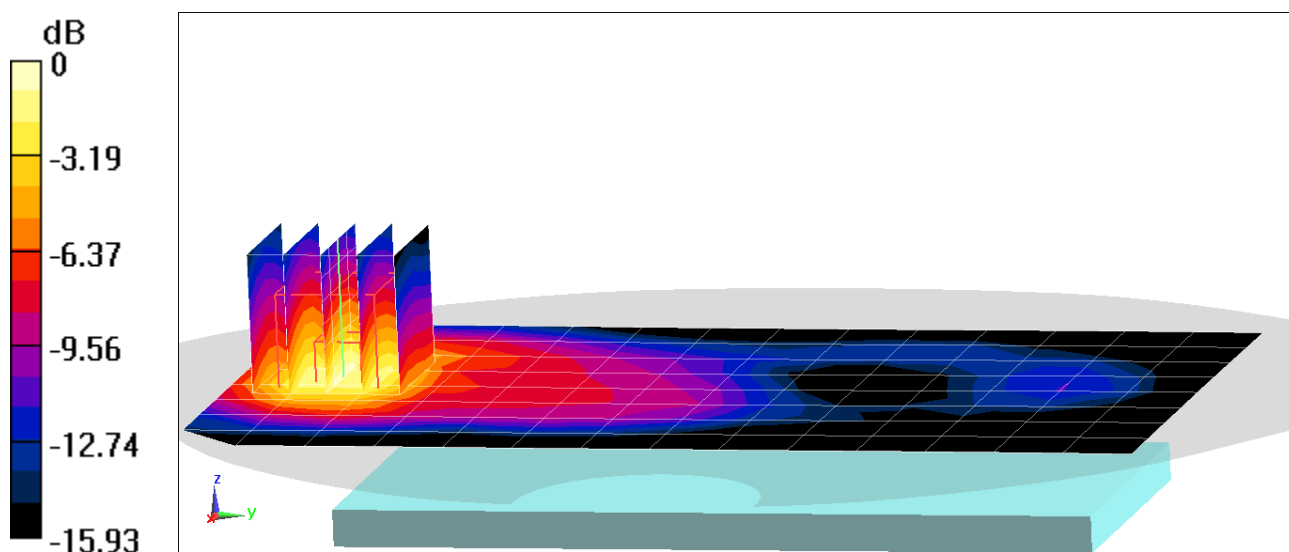
Area Scan (9x15x1): Measurement grid: dx=15mm, dy=15mm

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

Reference Value = 14.32 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 0.457 W/kg

SAR(1 g) = 0.279 W/kg



0 dB = 0.396 W/kg = -4.02 dBW/kg

PCTEST

DUT: A3LSMF711U; Type: Portable Handset; Serial: 0765M

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

Medium: 1900 Body; Medium parameters used:

$f = 1910$ MHz; $\sigma = 1.573$ S/m; $\epsilon_r = 53.078$; $\rho = 1000$ kg/m³

Phantom section: Flat Section; Space: 0.5 cm

Test Date: 05/19/2021; Ambient Temp: 23.7°C; Tissue Temp: 22.5°C

Probe: EX3DV4 - SN3589; ConvF(6.84, 6.84, 6.84) @ 1909.8 MHz; Calibrated: 1/20/2021

Sensor-Surface: 1.4mm (Mechanical Surface Detection)

Electronics: DAE4 Sn1558; Calibrated: 1/13/2021

Phantom: Twin-SAM V5.0 (30); Type: QD 000 P40 CD; Serial: 1646

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

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

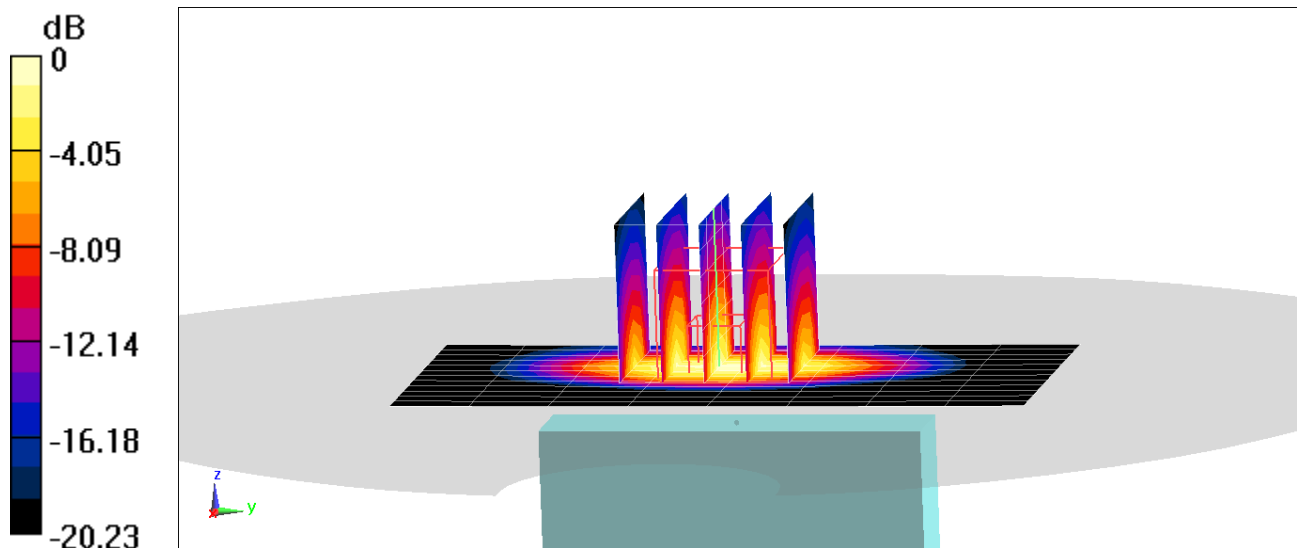
Area Scan (13x9x1): Measurement grid: dx=5mm, dy=15mm

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

Reference Value = 25.41 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 1.89 W/kg

SAR(1 g) = 0.908 W/kg



0 dB = 1.54 W/kg = 1.88 dBW/kg

PCTEST

DUT: A3LSMF711U; Type: Portable Handset; Serial: 0747M

Communication System: UID 0, UMTS; Frequency: 836.6 MHz; Duty Cycle: 1:1

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

$f = 836.6$ MHz; $\sigma = 0.965$ S/m; $\epsilon_r = 53.12$; $\rho = 1000$ kg/m³

Phantom section: Flat Section; Space: 1.5 cm

Test Date: 04/25/2021; Ambient Temp: 18.4°C; Tissue Temp: 20.0°C

Probe: EX3DV4 - SN7308; ConvF(9.92, 9.92, 9.92) @ 836.6 MHz; Calibrated: 7/31/2020

Sensor-Surface: 1.4mm (Mechanical Surface Detection)

Electronics: DAE4 Sn1450; Calibrated: 8/11/2020

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

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

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

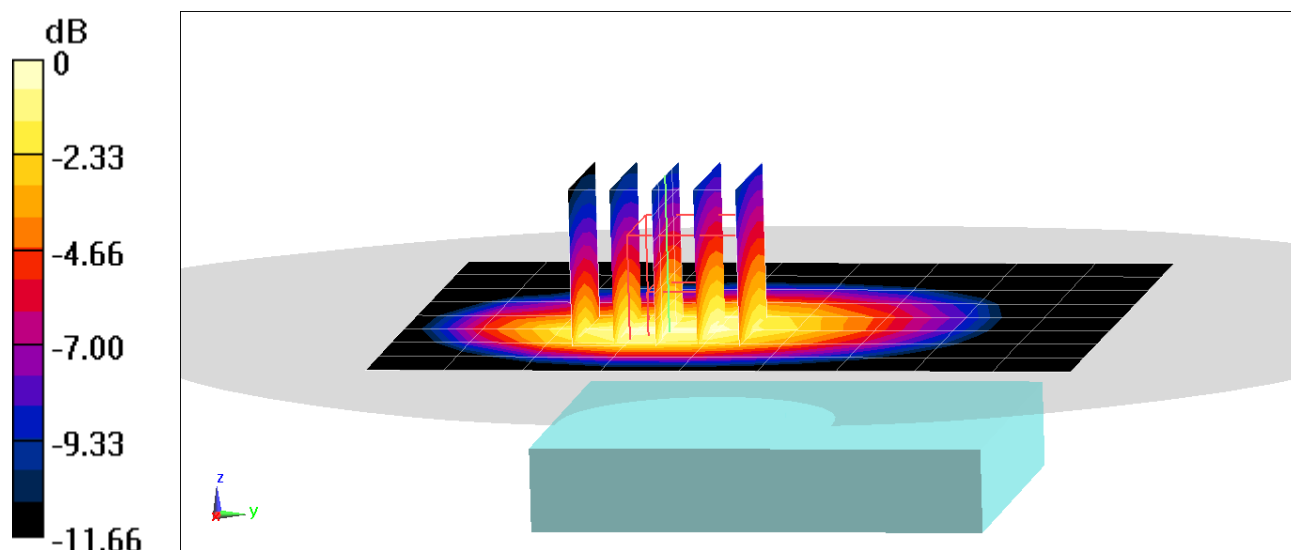
Area Scan (9x10x1): Measurement grid: dx=15mm, dy=15mm

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

Reference Value = 20.10 V/m; Power Drift = 0.00 dB

Peak SAR (extrapolated) = 0.576 W/kg

SAR(1 g) = 0.370 W/kg



0 dB = 0.501 W/kg = -3.00 dBW/kg

PCTEST

DUT: A3LSMF711U; Type: Portable Handset; Serial: 0747M

Communication System: UID 0, UMTS; Frequency: 836.6 MHz; Duty Cycle: 1:1

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

$f = 836.6 \text{ MHz}$; $\sigma = 0.965 \text{ S/m}$; $\epsilon_r = 53.12$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section; Space: 0.5 cm

Test Date: 04/25/2021; Ambient Temp: 18.4°C; Tissue Temp: 20.0°C

Probe: EX3DV4 - SN7308; ConvF(9.92, 9.92, 9.92) @ 836.6 MHz; Calibrated: 7/31/2020

Sensor-Surface: 1.4mm (Mechanical Surface Detection)

Electronics: DAE4 Sn1450; Calibrated: 8/11/2020

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

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

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

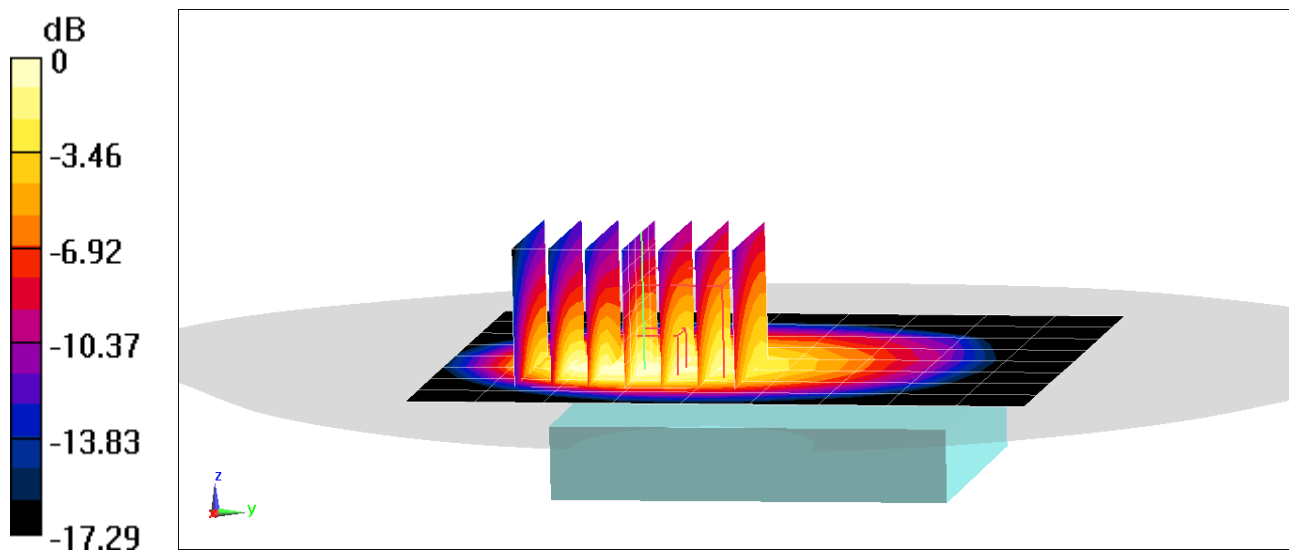
Area Scan (9x10x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Zoom Scan (6x7x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 27.17 V/m; Power Drift = 0.09 dB

Peak SAR (extrapolated) = 1.41 W/kg

SAR(1 g) = 0.812 W/kg



0 dB = 1.12 W/kg = 0.49 dBW/kg

PCTEST

DUT: A3LSMF711U; Type: Portable Handset; Serial: 0760M

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

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

$f = 1732.4 \text{ MHz}$; $\sigma = 1.525 \text{ S/m}$; $\epsilon_r = 51.966$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section; Space: 1.5 cm

Test Date: 05/18/2021; Ambient Temp: 23.0°C; Tissue Temp: 21.1°C

Probe: EX3DV4 - SN7410; ConvF(8.17, 8.17, 8.17) @ 1732.4 MHz; Calibrated: 7/20/2020

Sensor-Surface: 1.4mm (Mechanical Surface Detection)

Electronics: DAE4 Sn1322; Calibrated: 7/15/2020

Phantom: Twin-SAM V5.0 Left 20; Type: QD 000 P40 CD; Serial: 1715

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

Mode: UMTS 1750 Open, Body SAR, Back side, Mid.ch

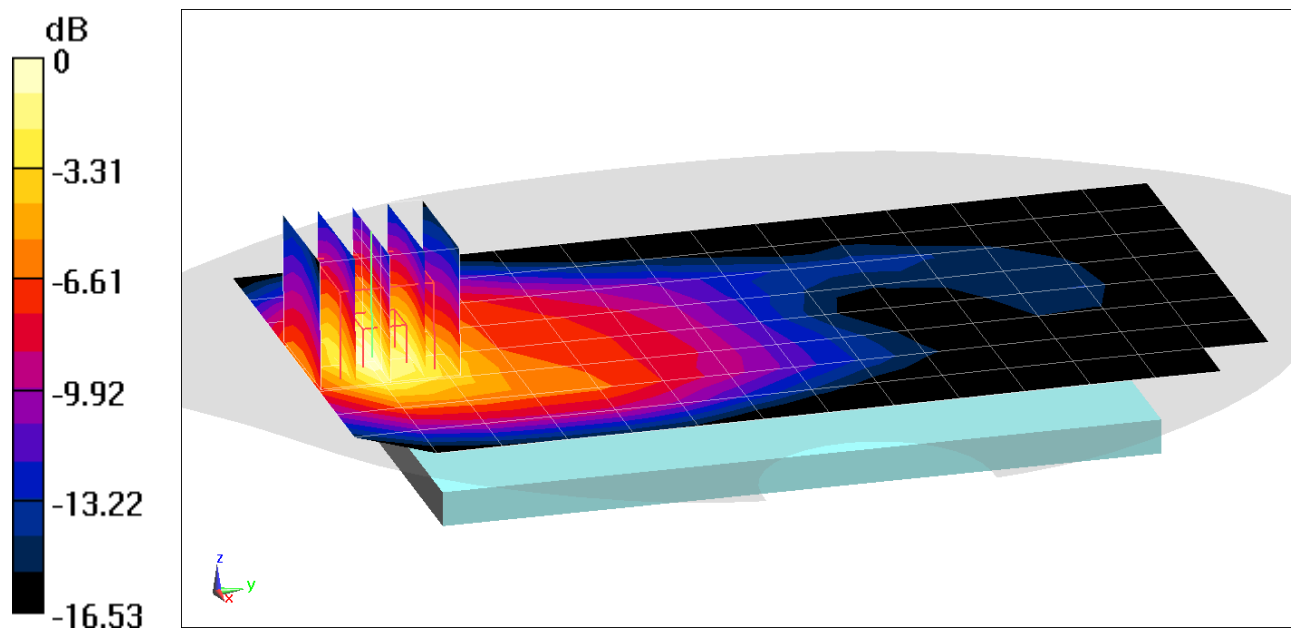
Area Scan (9x15x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Reference Value = 19.35 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 0.855 W/kg

SAR(1 g) = 0.522 W/kg



0 dB = 0.731 W/kg = -1.36 dBW/kg

PCTEST

DUT: A3LSMF711U; Type: Portable Handset; Serial: 0760M

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

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

$f = 1712.4 \text{ MHz}$; $\sigma = 1.491 \text{ S/m}$; $\epsilon_r = 51.722$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section; Space: 0.5 cm

Test Date: 05/22/2021; Ambient Temp: 22.4°C; Tissue Temp: 21.0°C

Probe: EX3DV4 - SN7410; ConvF(8.17, 8.17, 8.17) @ 1712.4 MHz; Calibrated: 7/20/2020

Sensor-Surface: 1.4mm (Mechanical Surface Detection)

Electronics: DAE4 Sn1322; Calibrated: 7/15/2020

Phantom: Twin-SAM V5.0 Left 20; Type: QD 000 P40 CD; Serial: 1715

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

Mode: UMTS 1750 Closed, Body SAR, Bottom Edge, Low.ch

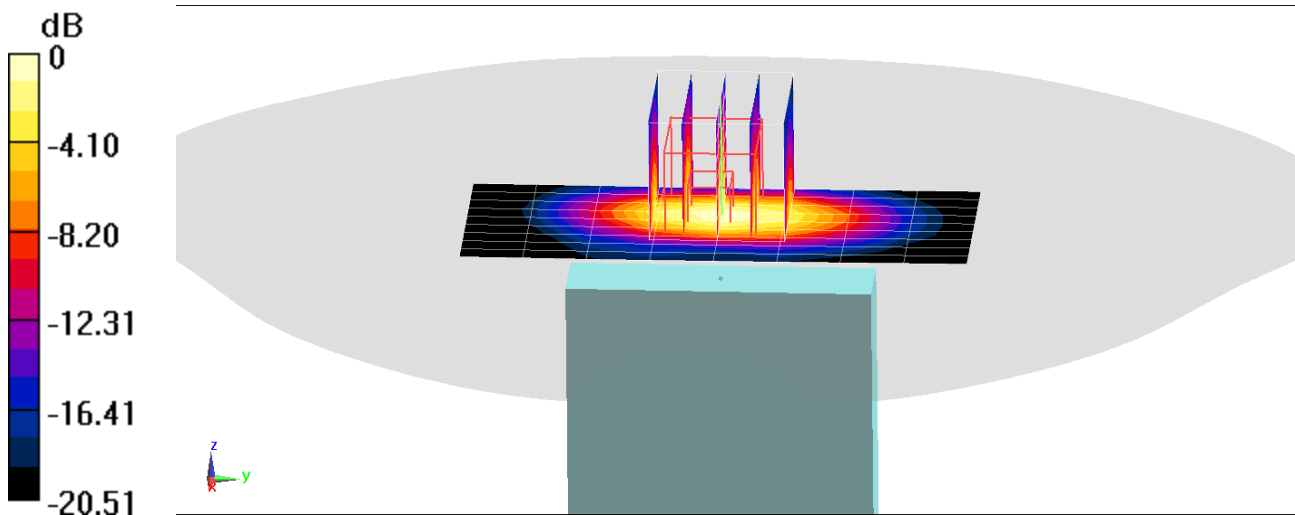
Area Scan (10x9x1): Measurement grid: dx=5mm, dy=15mm

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

Reference Value = 27.42 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 1.95 W/kg

SAR(1 g) = 1.01 W/kg



0 dB = 1.58 W/kg = 1.99 dBW/kg

PCTEST

DUT: A3LSMF711U; Type: Portable Handset; Serial: 0760M

Communication System: UID 0, UMTS; Frequency: 1880 MHz; Duty Cycle: 1:1

Medium: 1900 Body; Medium parameters used:

$f = 1880 \text{ MHz}$; $\sigma = 1.541 \text{ S/m}$; $\epsilon_r = 51.867$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section; Space: 1.5 cm

Test Date: 05/16/2021; Ambient Temp: 23.3°C; Tissue Temp: 22.9°C

Probe: EX3DV4 - SN3589; ConvF(6.84, 6.84, 6.84) @ 1880 MHz; Calibrated: 1/20/2021

Sensor-Surface: 1.4mm (Mechanical Surface Detection)

Electronics: DAE4 Sn1558; Calibrated: 1/13/2021

Phantom: Twin-SAM V5.0 (30); Type: QD 000 P40 CD; Serial: 1646

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

Mode: UMTS 1900 Open, Body SAR, Back side, Mid.ch

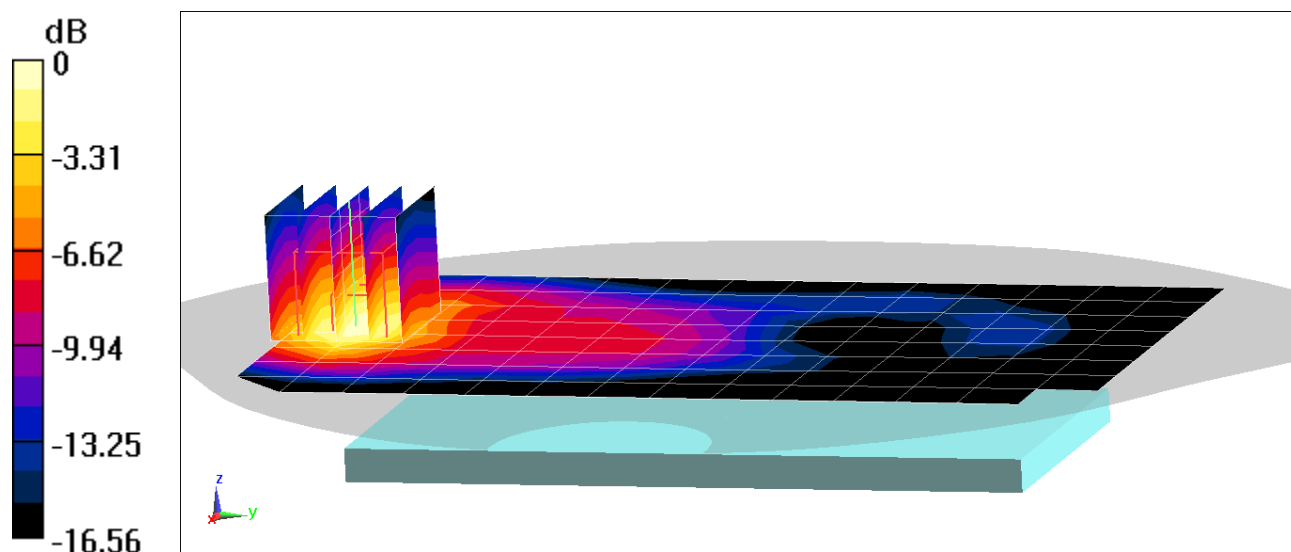
Area Scan (9x15x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Reference Value = 17.79 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.746 W/kg

SAR(1 g) = 0.443 W/kg



PCTEST

DUT: A3LSMF711U; Type: Portable Handset; Serial: 0760M

Communication System: UID 0, UMTS; Frequency: 1907.6 MHz; Duty Cycle: 1:1

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

$f = 1907.6$ MHz; $\sigma = 1.572$ S/m; $\epsilon_r = 51.766$; $\rho = 1000$ kg/m³

Phantom section: Flat Section; Space: 0.5 cm

Test Date: 05/16/2021; Ambient Temp: 23.3°C; Tissue Temp: 22.9°C

Probe: EX3DV4 - SN3589; ConvF(6.84, 6.84, 6.84) @ 1907.6 MHz; Calibrated: 1/20/2021

Sensor-Surface: 1.4mm (Mechanical Surface Detection)

Electronics: DAE4 Sn1558; Calibrated: 1/13/2021

Phantom: Twin-SAM V5.0 (30); Type: QD 000 P40 CD; Serial: 1646

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

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

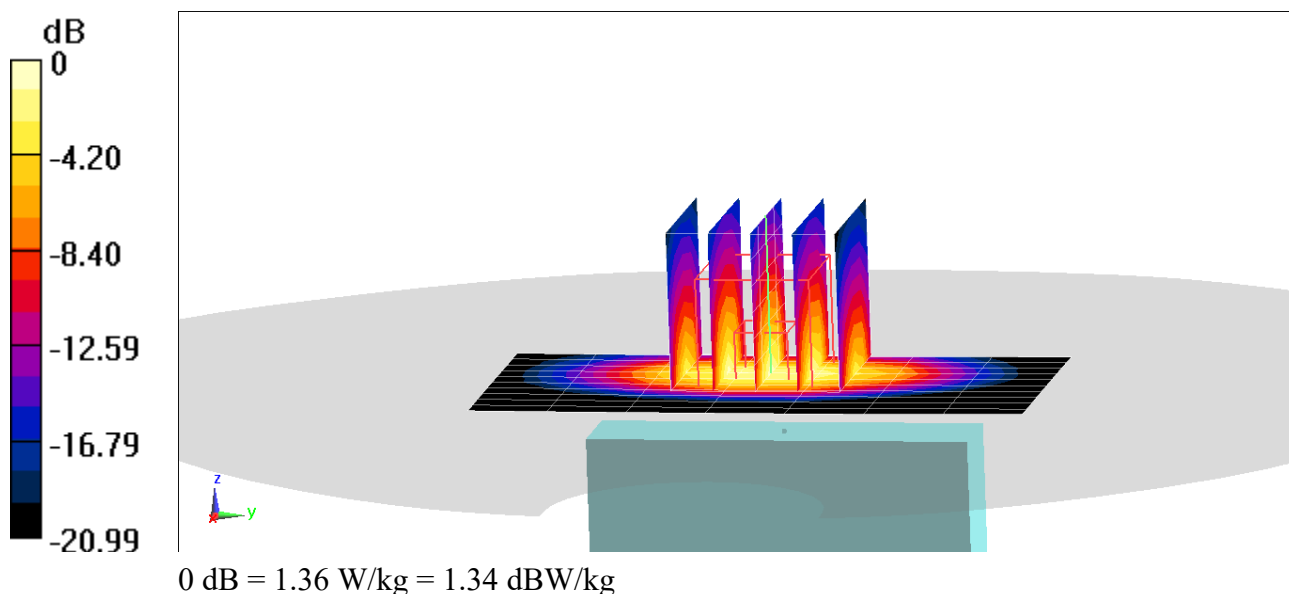
Area Scan (11x8x1): Measurement grid: dx=5mm, dy=15mm

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

Reference Value = 23.72 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 1.69 W/kg

SAR(1 g) = 0.798 W/kg



PCTEST

DUT: A3LSMF711U; Type: Portable Handset; Serial: 0847M

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

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

$f = 680.5$ MHz; $\sigma = 0.962$ S/m; $\epsilon_r = 54.466$; $\rho = 1000$ kg/m³

Phantom section: Flat Section; Space: 1.5 cm

Test Date: 04/14/2021; Ambient Temp: 24.5°C; Tissue Temp: 22.8°C

Probe: EX3DV4 - SN7406; ConvF(9.66, 9.66, 9.66) @ 680.5 MHz; Calibrated: 6/23/2020

Sensor-Surface: 1.4mm (Mechanical Surface Detection)

Electronics: DAE4 Sn1583; Calibrated: 5/14/2020

Phantom: Front; Type: QD 000 P40 CD; Serial: 1686

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

**Mode: LTE Band 71 Open, Body SAR, Back side, Mid.ch, 20 MHz Bandwidth
QPSK, 1 RB, 50 RB Offset**

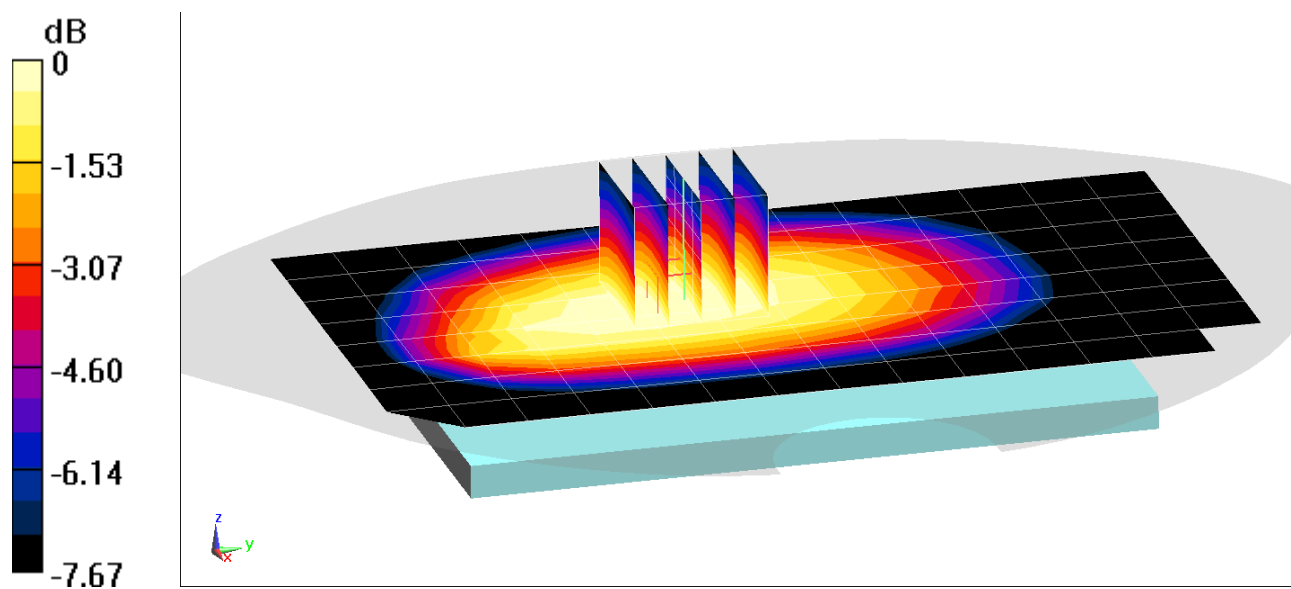
Area Scan (9x15x1): Measurement grid: dx=15mm, dy=15mm

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

Reference Value = 16.75 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 0.365 W/kg

SAR(1 g) = 0.267 W/kg



0 dB = 0.327 W/kg = -4.85 dBW/kg

PCTEST

DUT: A3LSMF711U; Type: Portable Handset; Serial: 0847M

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

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

$f = 680.5 \text{ MHz}$; $\sigma = 0.936 \text{ S/m}$; $\epsilon_r = 54.724$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section; Space: 0.5 cm

Test Date: 04/25/2021; Ambient Temp: 23.5°C; Tissue Temp: 22.3°C

Probe: EX3DV4 - SN7406; ConvF(9.66, 9.66, 9.66) @ 680.5 MHz; Calibrated: 6/23/2020

Sensor-Surface: 1.4mm (Mechanical Surface Detection)

Electronics: DAE4 Sn1583; Calibrated: 5/14/2020

Phantom: Front; Type: QD 000 P40 CD; Serial: 1686

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

**Mode: LTE Band 71 Closed, Body SAR, Back side, Mid.ch, 20 MHz Bandwidth
QPSK, 50 RB, 25 RB Offset**

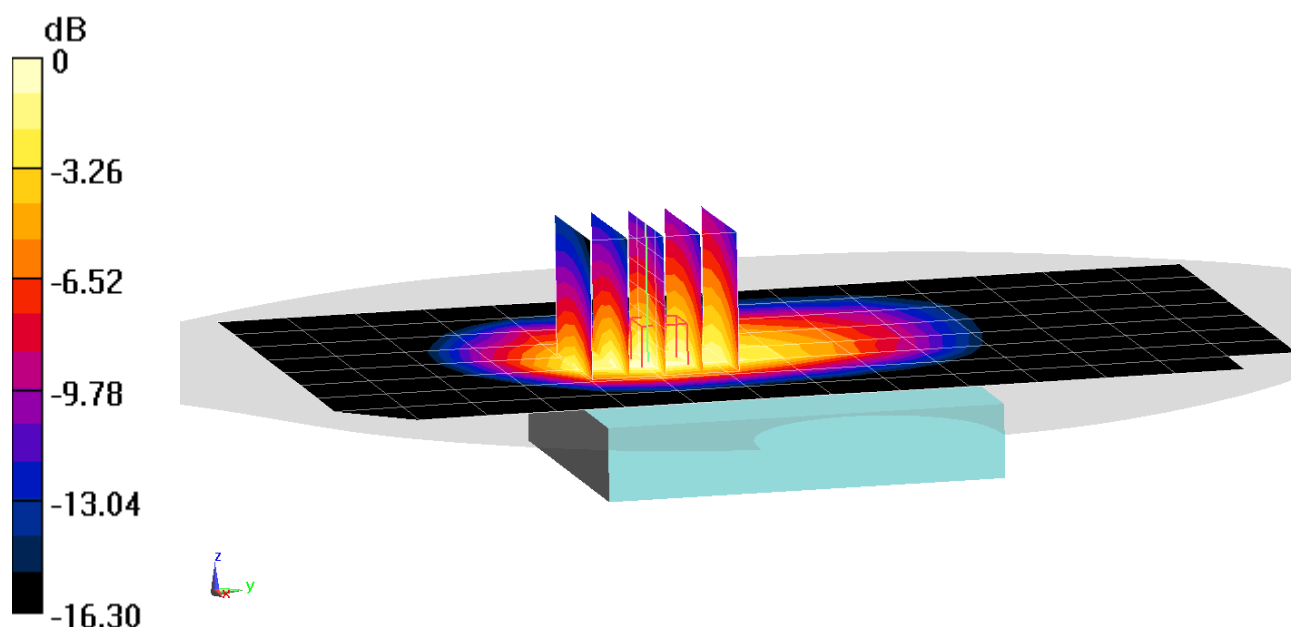
Area Scan (9x15x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Reference Value = 23.67 V/m; Power Drift = 0.00 dB

Peak SAR (extrapolated) = 0.875 W/kg

SAR(1 g) = 0.494 W/kg



0 dB = 0.723 W/kg = -1.41 dBW/kg

PCTEST

DUT: A3LSMF711U; Type: Portable Handset; Serial: 0847M

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

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

$f = 707.5 \text{ MHz}$; $\sigma = 0.972 \text{ S/m}$; $\epsilon_r = 54.407$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section; Space: 1.5 cm

Test Date: 04/14/2021; Ambient Temp: 24.5°C; Tissue Temp: 22.8°C

Probe: EX3DV4 - SN7406; ConvF(9.66, 9.66, 9.66) @ 707.5 MHz; Calibrated: 6/23/2020

Sensor-Surface: 1.4mm (Mechanical Surface Detection)

Electronics: DAE4 Sn1583; Calibrated: 5/14/2020

Phantom: Front; Type: QD 000 P40 CD; Serial: 1686

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

**Mode: LTE Band 12 Closed, Body SAR, Back side, Mid.ch, 10 MHz Bandwidth,
QPSK, 1 RB, 25 RB Offset**

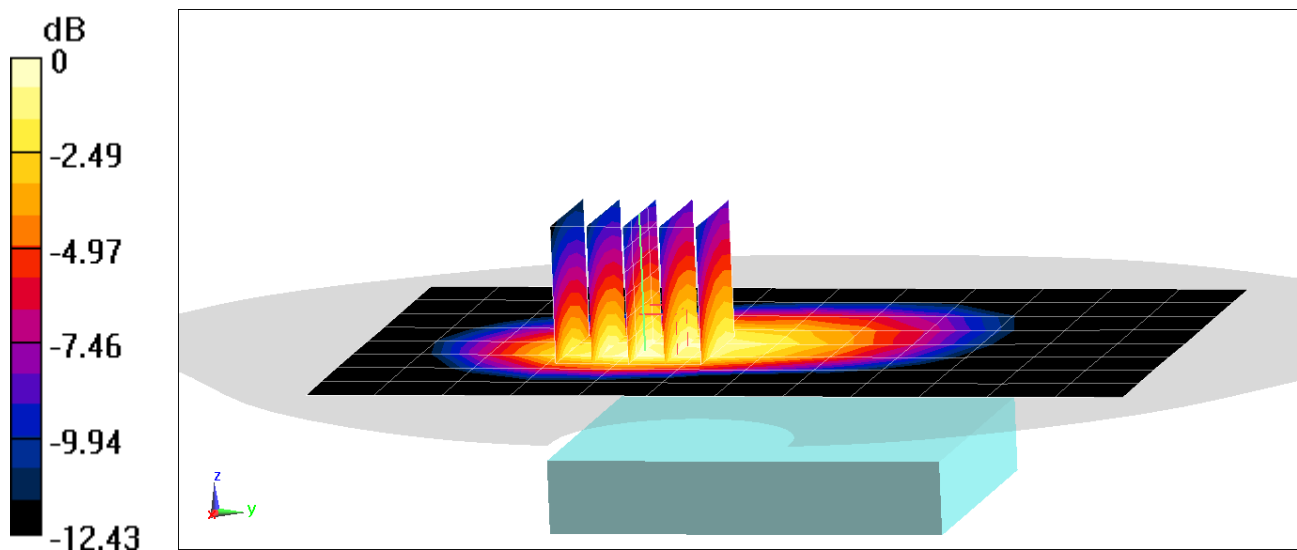
Area Scan (9x13x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Reference Value = 15.97 V/m; Power Drift = 0.13 dB

Peak SAR (extrapolated) = 0.377 W/kg

SAR(1 g) = 0.244 W/kg



0 dB = 0.327 W/kg = -4.85 dBW/kg

PCTEST

DUT: A3LSMF711U; Type: Portable Handset; Serial: 0847M

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; $\sigma = 0.965$ S/m; $\epsilon_r = 54.488$; $\rho = 1000$ kg/m³

Phantom section: Flat Section; Space: 0.5 cm

Test Date: 04/27/2021; Ambient Temp: 23.8°C; Tissue Temp: 22.2°C

Probe: EX3DV4 - SN7406; ConvF(9.66, 9.66, 9.66) @ 707.5 MHz; Calibrated: 6/23/2020

Sensor-Surface: 1.4mm (Mechanical Surface Detection)

Electronics: DAE4 Sn1583; Calibrated: 5/14/2020

Phantom: Front; Type: QD 000 P40 CD; Serial: 1686

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

**Mode: LTE Band 12 Closed, Body SAR, Back side, Mid.ch, 10 MHz Bandwidth,
QPSK, 25 RB, 12 RB Offset**

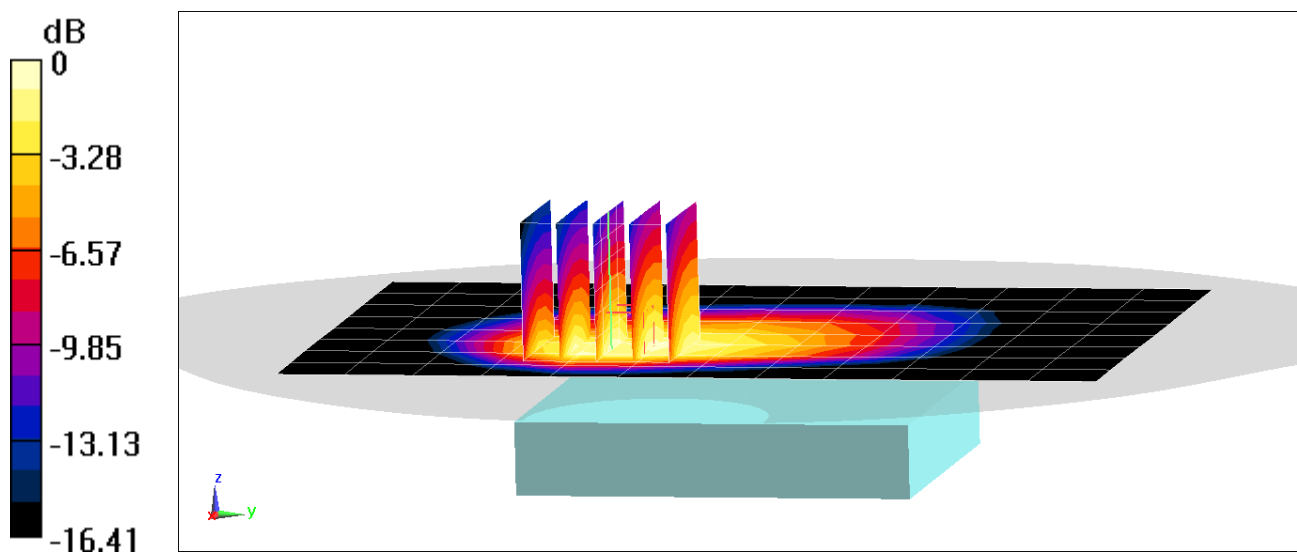
Area Scan (9x13x1): Measurement grid: dx=15mm, dy=15mm

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

Reference Value = 25.02 V/m; Power Drift = 0.00 dB

Peak SAR (extrapolated) = 0.991 W/kg

SAR(1 g) = 0.568 W/kg



0 dB = 0.824 W/kg = -0.84 dBW/kg

PCTEST

DUT: A3LSMF711U; Type: Portable Handset; Serial: 0847M

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

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

$f = 782 \text{ MHz}$; $\sigma = 1 \text{ S/m}$; $\epsilon_r = 54.205$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section; Space: 1.5 cm

Test Date: 04/14/2021; Ambient Temp: 24.5°C; Tissue Temp: 22.8°C

Probe: EX3DV4 - SN7406; ConvF(9.66, 9.66, 9.66) @ 782 MHz; Calibrated: 6/23/2020

Sensor-Surface: 1.4mm (Mechanical Surface Detection)

Electronics: DAE4 Sn1583; Calibrated: 5/14/2020

Phantom: Front; Type: QD 000 P40 CD; Serial: 1686

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

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

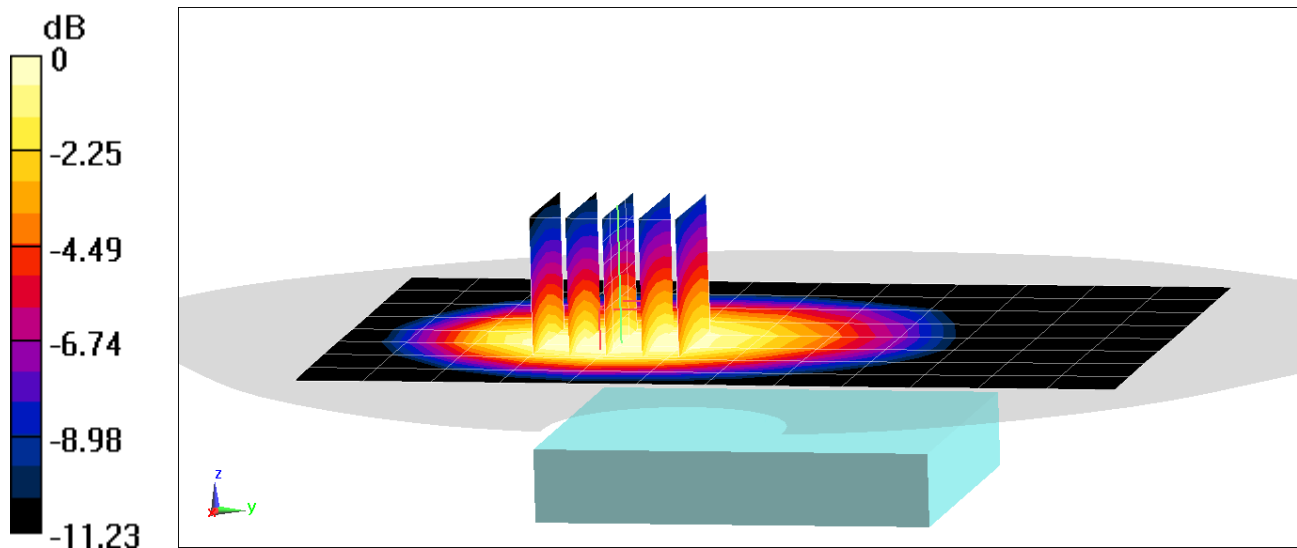
Area Scan (9x13x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Reference Value = 15.03 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 0.328 W/kg

SAR(1 g) = 0.208 W/kg



0 dB = 0.281 W/kg = -5.51 dBW/kg

PCTEST

DUT: A3LSMF711U; Type: Portable Handset; Serial: 0847M

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

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

$f = 782 \text{ MHz}$; $\sigma = 0.993 \text{ S/m}$; $\epsilon_r = 54.305$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section; Space: 0.5 cm

Test Date: 04/27/2021; Ambient Temp: 23.8°C; Tissue Temp: 22.2°C

Probe: EX3DV4 - SN7406; ConvF(9.66, 9.66, 9.66) @ 782 MHz; Calibrated: 6/23/2020

Sensor-Surface: 1.4mm (Mechanical Surface Detection)

Electronics: DAE4 Sn1583; Calibrated: 5/14/2020

Phantom: Front; Type: QD 000 P40 CD; Serial: 1686

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

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

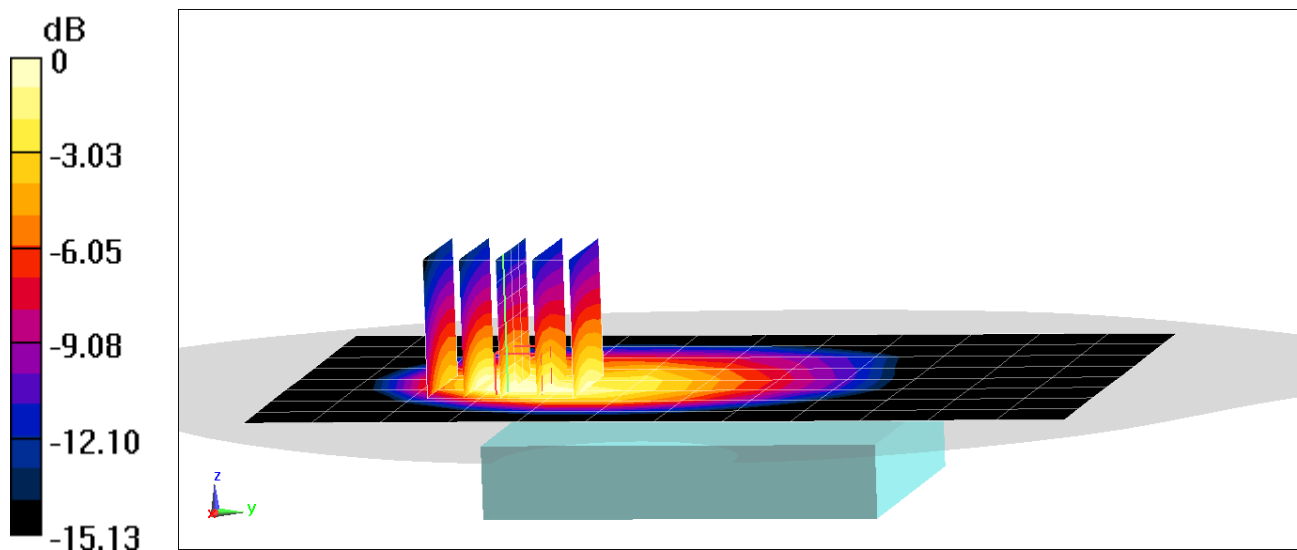
Area Scan (9x13x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Reference Value = 24.20 V/m; Power Drift = -0.14 dB

Peak SAR (extrapolated) = 1.09 W/kg

SAR(1 g) = 0.561 W/kg



0 dB = 0.822 W/kg = -0.85 dBW/kg

PCTEST

DUT: A3LSMF711U; Type: Portable Handset; Serial: 0847M

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

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

$f = 793 \text{ MHz}$; $\sigma = 1.004 \text{ S/m}$; $\epsilon_r = 54.177$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section; Space: 1.5 cm

Test Date: 04/14/2021; Ambient Temp: 24.5°C; Tissue Temp: 22.8°C

Probe: EX3DV4 - SN7406; ConvF(9.66, 9.66, 9.66) @ 793 MHz; Calibrated: 6/23/2020

Sensor-Surface: 1.4mm (Mechanical Surface Detection)

Electronics: DAE4 Sn1583; Calibrated: 5/14/2020

Phantom: Front; Type: QD 000 P40 CD; Serial: 1686

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

**Mode: LTE Band 14 Closed, Body SAR, Back side, Mid.ch, 10 MHz Bandwidth,
QPSK, 1 RB, 0 RB Offset**

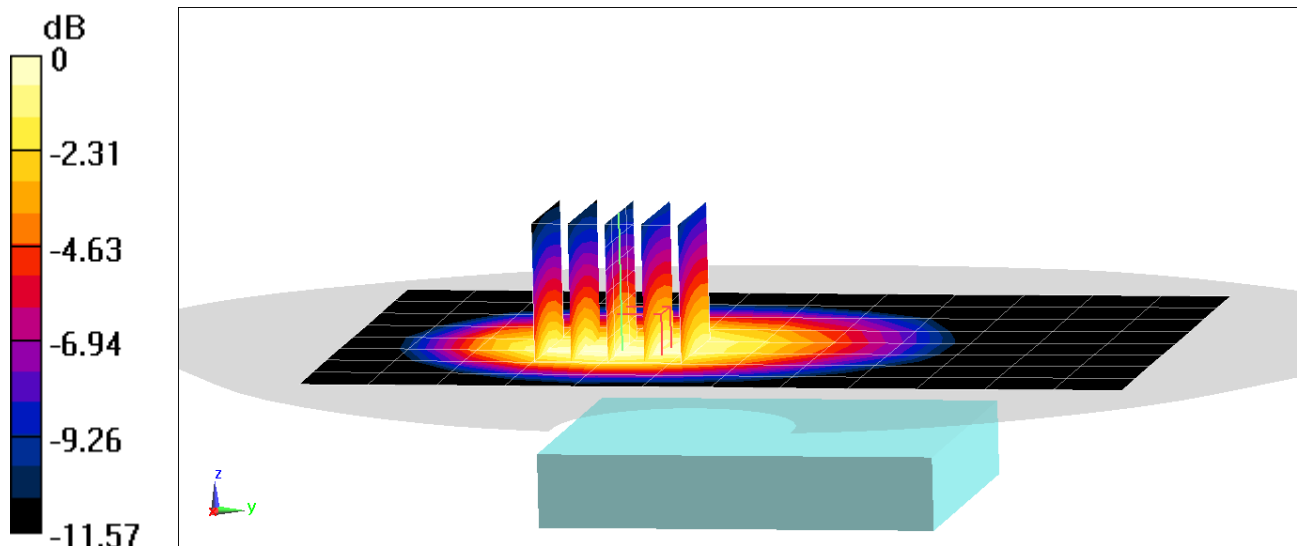
Area Scan (9x13x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Reference Value = 14.85 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 0.334 W/kg

SAR(1 g) = 0.210 W/kg



0 dB = 0.286 W/kg = -5.44 dBW/kg

PCTEST

DUT: A3LSMF711U; Type: Portable Handset; Serial: 0847M

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

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

$f = 793 \text{ MHz}$; $\sigma = 0.997 \text{ S/m}$; $\epsilon_r = 54.273$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section; Space: 0.5 cm

Test Date: 04/27/2021; Ambient Temp: 23.8°C; Tissue Temp: 22.2°C

Probe: EX3DV4 - SN7406; ConvF(9.66, 9.66, 9.66) @ 793 MHz; Calibrated: 6/23/2020

Sensor-Surface: 1.4mm (Mechanical Surface Detection)

Electronics: DAE4 Sn1583; Calibrated: 5/14/2020

Phantom: Front; Type: QD 000 P40 CD; Serial: 1686

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

**Mode: LTE Band 14 Closed, Body SAR, Back side, Mid.ch, 10 MHz Bandwidth,
QPSK, 25 RB, 12 RB Offset**

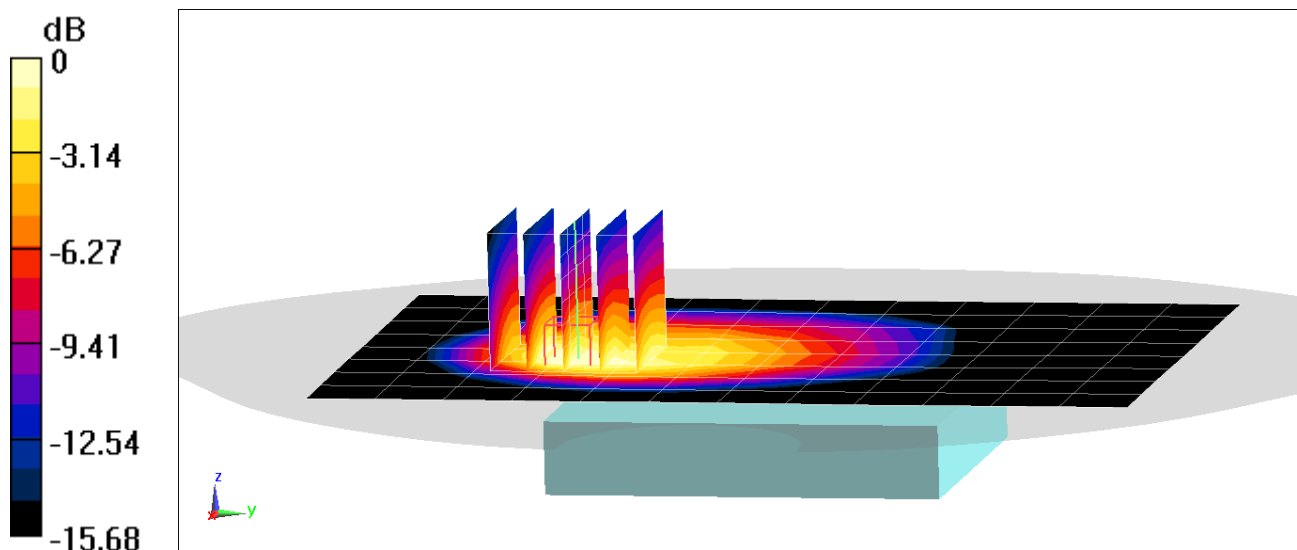
Area Scan (9x13x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Reference Value = 26.35 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 1.35 W/kg

SAR(1 g) = 0.663 W/kg



PCTEST

DUT: A3LSMF711U; Type: Portable Handset; Serial: 0829M

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

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

$f = 831.5 \text{ MHz}$; $\sigma = 0.942 \text{ S/m}$; $\epsilon_r = 53.085$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section; Space: 1.5 cm

Test Date: 04/27/2021; Ambient Temp: 23.9°C; Tissue Temp: 22.1°C

Probe: EX3DV4 - SN7308; ConvF(9.92, 9.92, 9.92) @ 831.5 MHz; Calibrated: 7/31/2020

Sensor-Surface: 1.4mm (Mechanical Surface Detection)

Electronics: DAE4 Sn1450; Calibrated: 8/11/2020

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

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

**Mode: LTE Band 26 (Cell.) Closed, Body SAR, Back side, Mid.ch, 15 MHz Bandwidth,
QPSK, 1 RB, 74 RB Offset**

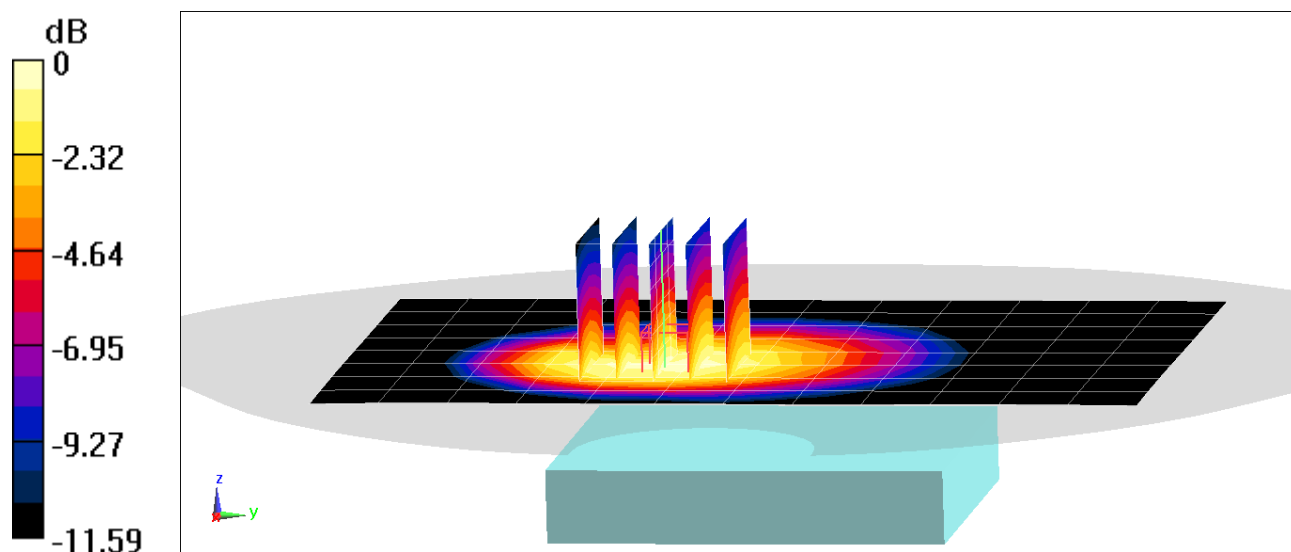
Area Scan (9x13x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Reference Value = 19.42 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 0.506 W/kg

SAR(1 g) = 0.331 W/kg



0 dB = 0.442 W/kg = -3.55 dBW/kg

PCTEST

DUT: A3LSMF711U; Type: Portable Handset; Serial: 0829M

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

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

$f = 831.5$ MHz; $\sigma = 0.942$ S/m; $\epsilon_r = 53.085$; $\rho = 1000$ kg/m³

Phantom section: Flat Section; Space: 0.5 cm

Test Date: 04/27/2021; Ambient Temp: 23.9°C; Tissue Temp: 22.1°C

Probe: EX3DV4 - SN7308; ConvF(9.92, 9.92, 9.92) @ 831.5 MHz; Calibrated: 7/31/2020

Sensor-Surface: 1.4mm (Mechanical Surface Detection)

Electronics: DAE4 Sn1450; Calibrated: 8/11/2020

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

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

**Mode: LTE Band 26 (Cell.) Closed, Body SAR, Back side, Mid.ch, 15 MHz Bandwidth,
QPSK, 1 RB, 74 RB Offset**

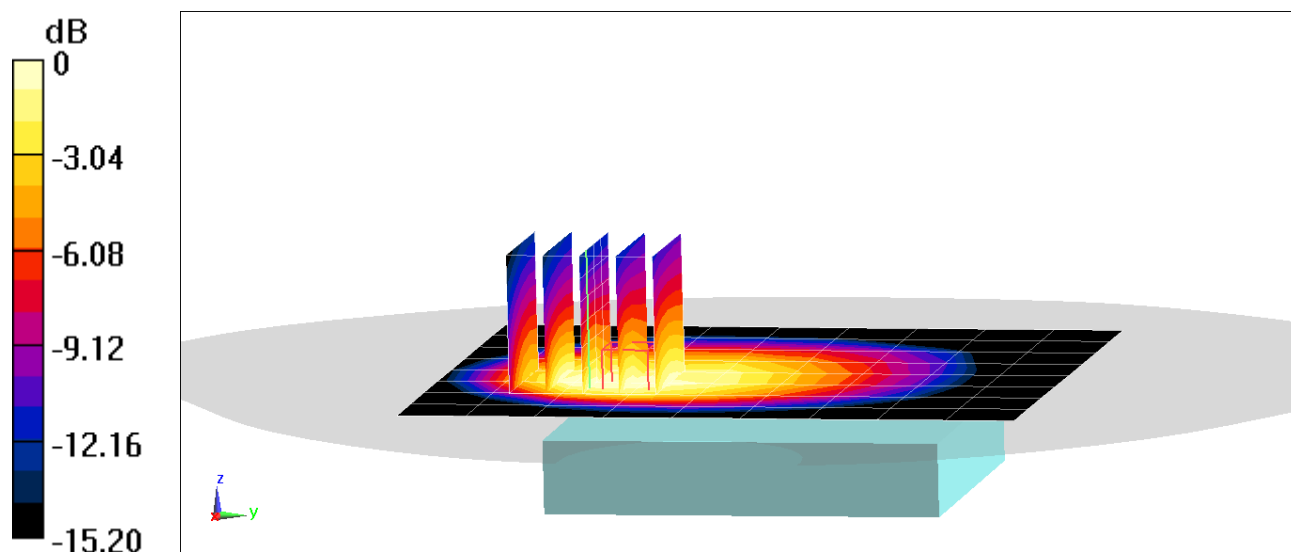
Area Scan (9x10x1): Measurement grid: dx=15mm, dy=15mm

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

Reference Value = 24.57 V/m; Power Drift = -0.14 dB

Peak SAR (extrapolated) = 1.09 W/kg

SAR(1 g) = 0.595 W/kg



0 dB = 0.848 W/kg = -0.72 dBW/kg

PCTEST

DUT: A3LSMF711U; Type: Portable Handset; Serial: 0122M

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; $\sigma = 0.947$ S/m; $\epsilon_r = 53.033$; $\rho = 1000$ kg/m³

Phantom section: Flat Section; Space: 1.5 cm

Test Date: 04/27/2021; Ambient Temp: 23.9°C; Tissue Temp: 22.1°C

Probe: EX3DV4 - SN7308; ConvF(9.92, 9.92, 9.92) @ 836.5 MHz; Calibrated: 7/31/2020

Sensor-Surface: 1.4mm (Mechanical Surface Detection)

Electronics: DAE4 Sn1450; Calibrated: 8/11/2020

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

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

Mode: LTE Band 5 (Cell.) ULCA Closed, Body SAR, Back side,
PCC: 10 MHz Bandwidth, QPSK, Ch. 20525, 1 RB, 49 RB Offset
SCC: 5 MHz Bandwidth, QPSK, Ch. 20597, 1 RB, 0 RB Offset

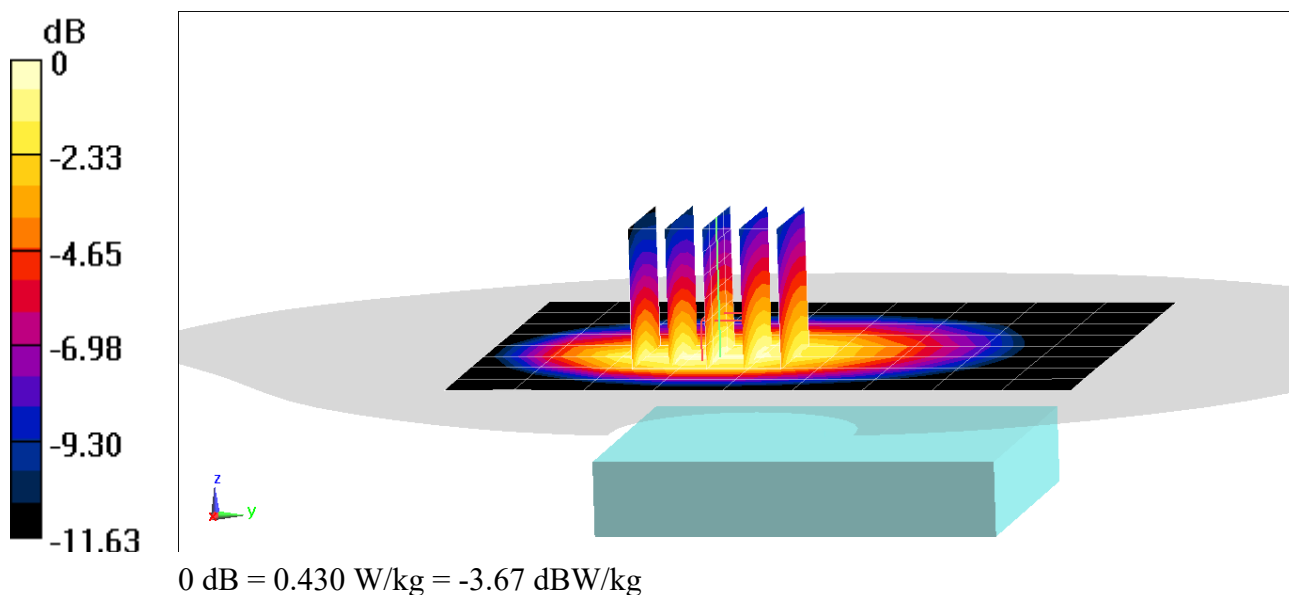
Area Scan (9x10x1): Measurement grid: dx=15mm, dy=15mm

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

Reference Value = 18.80 V/m; Power Drift = 0.17 dB

Peak SAR (extrapolated) = 0.493 W/kg

SAR(1 g) = 0.321 W/kg



PCTEST

DUT: A3LSMF711U; Type: Portable Handset; Serial: 0122M

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; $\sigma = 0.961$ S/m; $\epsilon_r = 53.034$; $\rho = 1000$ kg/m³

Phantom section: Flat Section; Space: 0.5 cm

Test Date: 04/29/2021; Ambient Temp: 24.3°C; Tissue Temp: 21.4°C

Probe: EX3DV4 - SN7308; ConvF(9.92, 9.92, 9.92) @ 836.5 MHz; Calibrated: 7/31/2020

Sensor-Surface: 1.4mm (Mechanical Surface Detection)

Electronics: DAE4 Sn1450; Calibrated: 8/11/2020

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

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

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

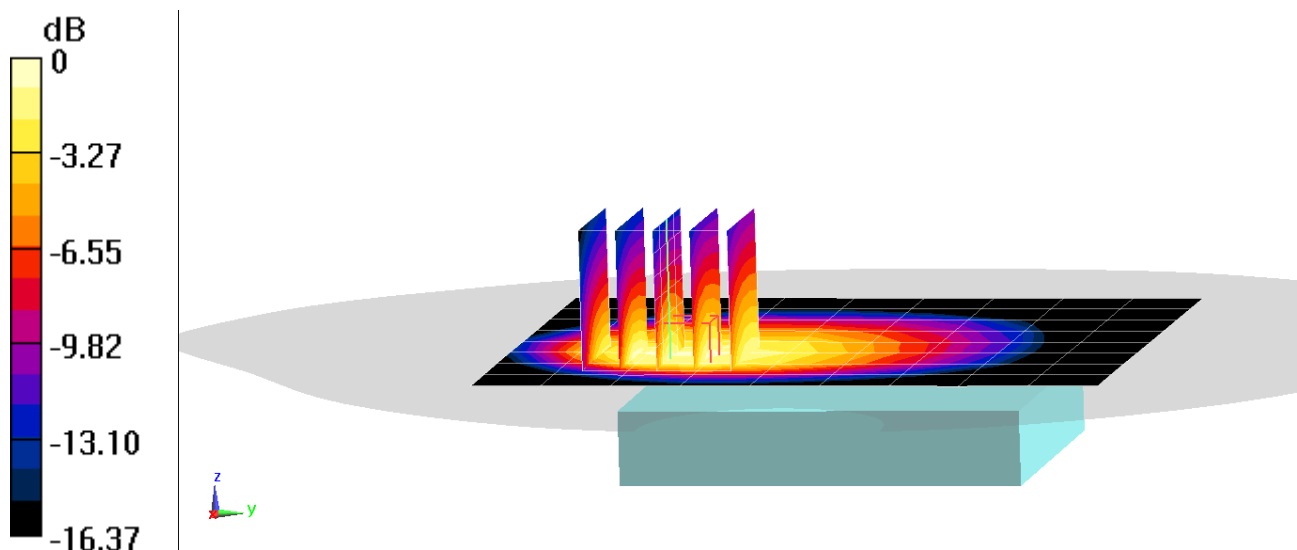
Area Scan (9x10x1): Measurement grid: dx=15mm, dy=15mm

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

Reference Value = 27.78 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 1.34 W/kg

SAR(1 g) = 0.697 W/kg



0 dB = 1.05 W/kg = 0.21 dBW/kg

PCTEST

DUT: A3LSMF711U; Type: Portable Handset; Serial: 1916M

Communication System: UID 0, LTE Band 66 (AWS); Frequency: 1745 MHz; Duty Cycle: 1:1

Medium: 1750 Body; Medium parameters used:

$f = 1745 \text{ MHz}$; $\sigma = 1.481 \text{ S/m}$; $\epsilon_r = 51.55$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section; Space: 1.5 cm

Test Date: 04/27/2021; Ambient Temp: 22.4°C; Tissue Temp: 22.7°C

Probe: EX3DV4 - SN7410; ConvF(8.17, 8.17, 8.17) @ 1745 MHz; Calibrated: 7/20/2020

Sensor-Surface: 1.4mm (Mechanical Surface Detection)

Electronics: DAE4 Sn1322; Calibrated: 7/15/2020

Phantom: Twin-SAM V5.0 Left 20; Type: QD 000 P40 CD; Serial: 1715

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

**Mode: LTE Band 66 (AWS) Open, Body SAR, Back side, Mid.ch, 20 MHz Bandwidth,
QPSK, 1 RB, 99 RB Offset**

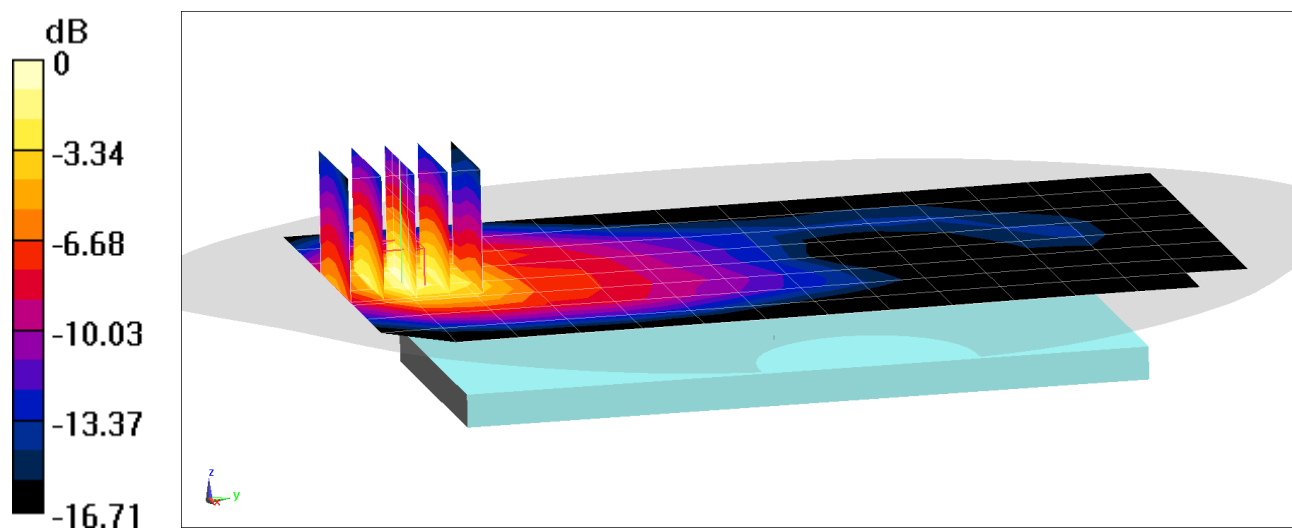
Area Scan (9x13x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Reference Value = 24.29 V/m; Power Drift = 0.16 dB

Peak SAR (extrapolated) = 1.30 W/kg

SAR(1 g) = 0.797 W/kg



0 dB = 1.12 W/kg = 0.49 dBW/kg

PCTEST

DUT: A3LSMF711U; Type: Portable Handset; Serial: 1916M

Communication System: UID 0, LTE Band 66 (AWS); Frequency: 1745 MHz; Duty Cycle: 1:1

Medium: 1750 Body; Medium parameters used:

$f = 1745 \text{ MHz}$; $\sigma = 1.481 \text{ S/m}$; $\epsilon_r = 51.55$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section; Space: 0.5 cm

Test Date: 04/27/2021; Ambient Temp: 22.4°C; Tissue Temp: 22.7°C

Probe: EX3DV4 - SN7410; ConvF(8.17, 8.17, 8.17) @ 1745 MHz; Calibrated: 7/20/2020

Sensor-Surface: 1.4mm (Mechanical Surface Detection)

Electronics: DAE4 Sn1322; Calibrated: 7/15/2020

Phantom: Twin-SAM V5.0 Left 20; Type: QD 000 P40 CD; Serial: 1715

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

**Mode: LTE Band 66 (AWS) Closed, Body SAR, Bottom Edge, Mid.ch, 10 MHz Bandwidth,
QPSK, 25 RB, 25 RB Offset**

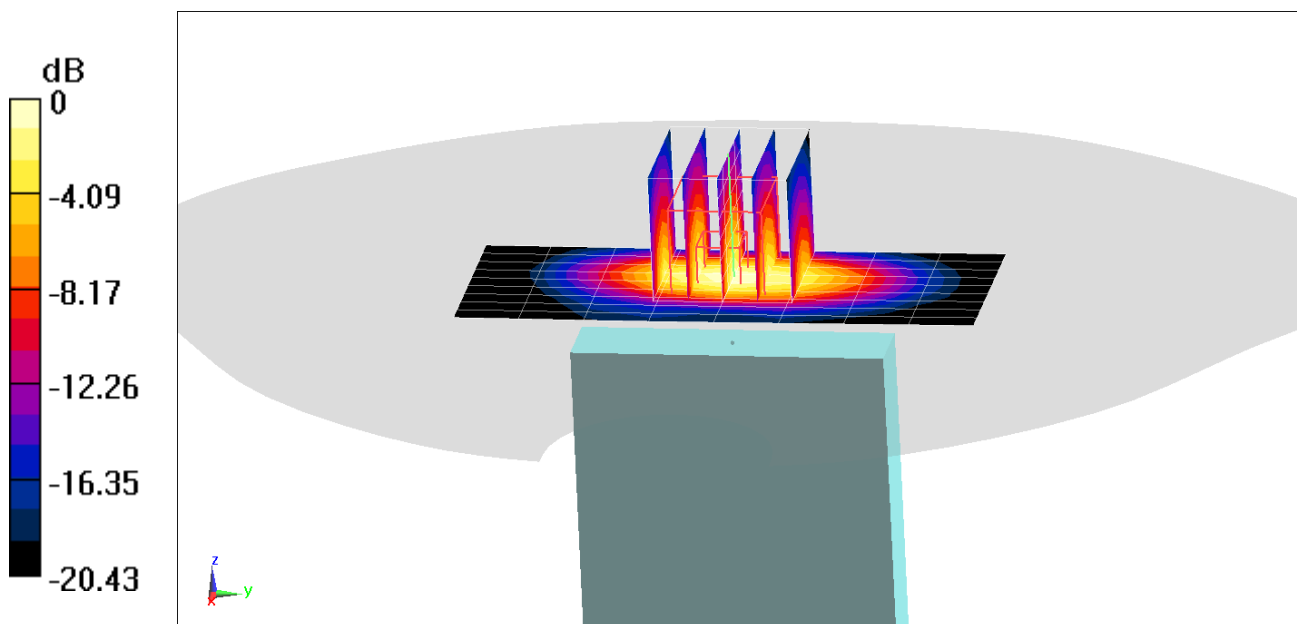
Area Scan (11x9x1): Measurement grid: $dx=5\text{mm}$, $dy=15\text{mm}$

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

Reference Value = 27.56 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 1.86 W/kg

SAR(1 g) = 1 W/kg



0 dB = 1.55 W/kg = 1.90 dBW/kg

PCTEST

DUT: A3LSMF711U; Type: Portable Handset; Serial: 0748M

Communication System: UID 0, LTE Band 25 (PCS); Frequency: 1882.5 MHz; Duty Cycle: 1:1

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

$f = 1882.5 \text{ MHz}$; $\sigma = 1.559 \text{ S/m}$; $\epsilon_r = 51.367$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section; Space: 1.5 cm

Test Date: 04/21/2021; Ambient Temp: 23.4°C; Tissue Temp: 22.6°C

Probe: EX3DV4 - SN3589; ConvF(6.84, 6.84, 6.84) @ 1882.5 MHz; Calibrated: 1/20/2021

Sensor-Surface: 1.4mm (Mechanical Surface Detection)

Electronics: DAE4 Sn1558; Calibrated: 1/13/2021

Phantom: Twin-SAM V5.0 (30); Type: QD 000 P40 CD; Serial: 1646

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

**Mode: LTE Band 25 (PCS) Open, Body SAR, Back side, Mid.ch, 20 MHz Bandwidth,
QPSK, 1 RB, 0 RB Offset**

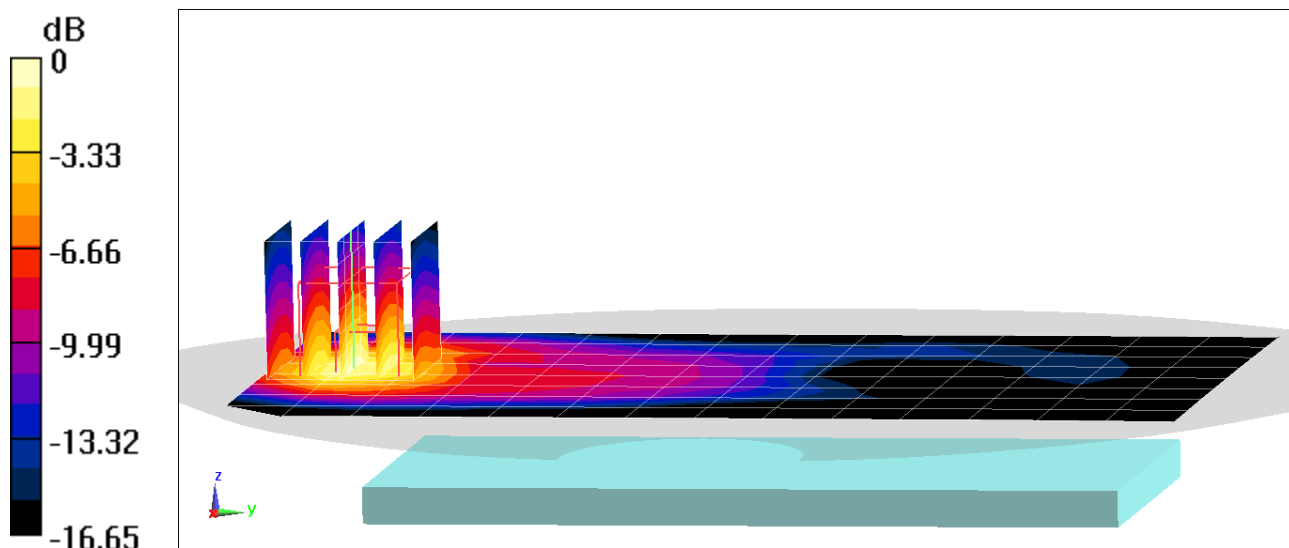
Area Scan (9x15x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Reference Value = 24.18 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 1.39 W/kg

SAR(1 g) = 0.828 W/kg



0 dB = 1.18 W/kg = 0.72 dBW/kg

PCTEST

DUT: A3LSMF711U; Type: Portable Handset; Serial: 0748M

Communication System: UID 0, LTE Band 25 (PCS); Frequency: 1882.5 MHz; Duty Cycle: 1:1

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

$f = 1882.5 \text{ MHz}$; $\sigma = 1.528 \text{ S/m}$; $\epsilon_r = 51.784$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section; Space: 0.5 cm

Test Date: 05/02/2021; Ambient Temp: 22.0°C; Tissue Temp: 22.5°C

Probe: EX3DV4 - SN3589; ConvF(6.84, 6.84, 6.84) @ 1882.5 MHz; Calibrated: 1/20/2021

Sensor-Surface: 1.4mm (Mechanical Surface Detection)

Electronics: DAE4 Sn1558; Calibrated: 1/13/2021

Phantom: Twin-SAM V5.0 (30); Type: QD 000 P40 CD; Serial: 1646

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

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

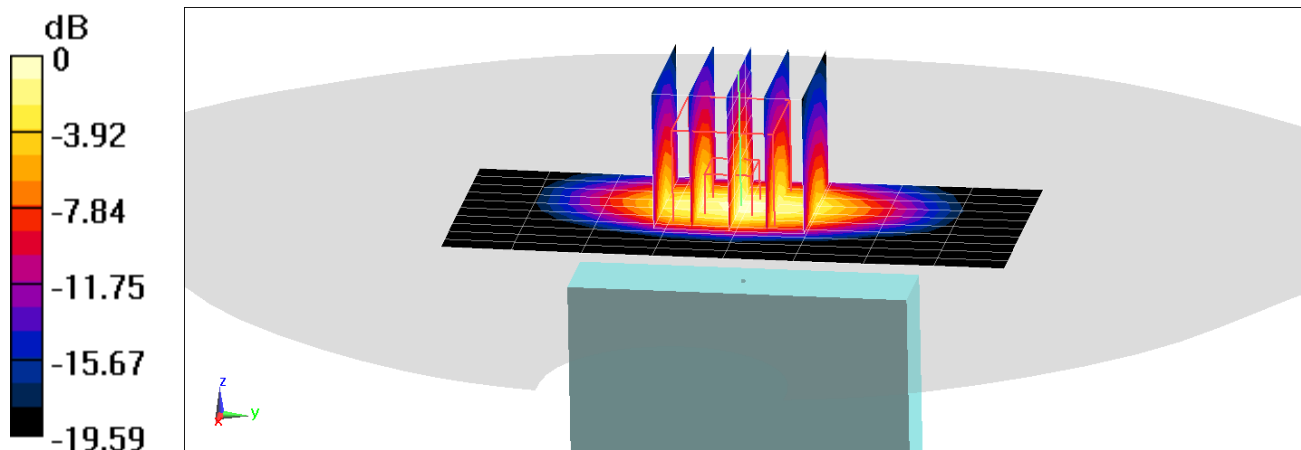
Area Scan (11x9x1): Measurement grid: $dx=5\text{mm}$, $dy=15\text{mm}$

Zoom Scan 3 (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 26.78 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 1.99 W/kg

SAR(1 g) = 1.03 W/kg



0 dB = 1.62 W/kg = 2.10 dBW/kg

PCTEST

DUT: A3LSMF711U; Type: Portable Handset; Serial: 0748M

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; $\text{perm} = 51.1$; $\text{density} = 1000$ kg/m³

Phantom Section: Flat; Space: 1.5 cm

Test Date: 04/08/2021; Ambient Temp: 24.4°C; Tissue Temp: 22.7°C

Probe: EX3DV4 - SN7538; ConvF:(7.62,7.62,7.62); Calibrated: 2020-11-23

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

Electronics: DAE4 Sn1449; Calibrated: 2020-09-10

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

Measurement SW: cDASY6 Module SAR V6.14.0.959

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

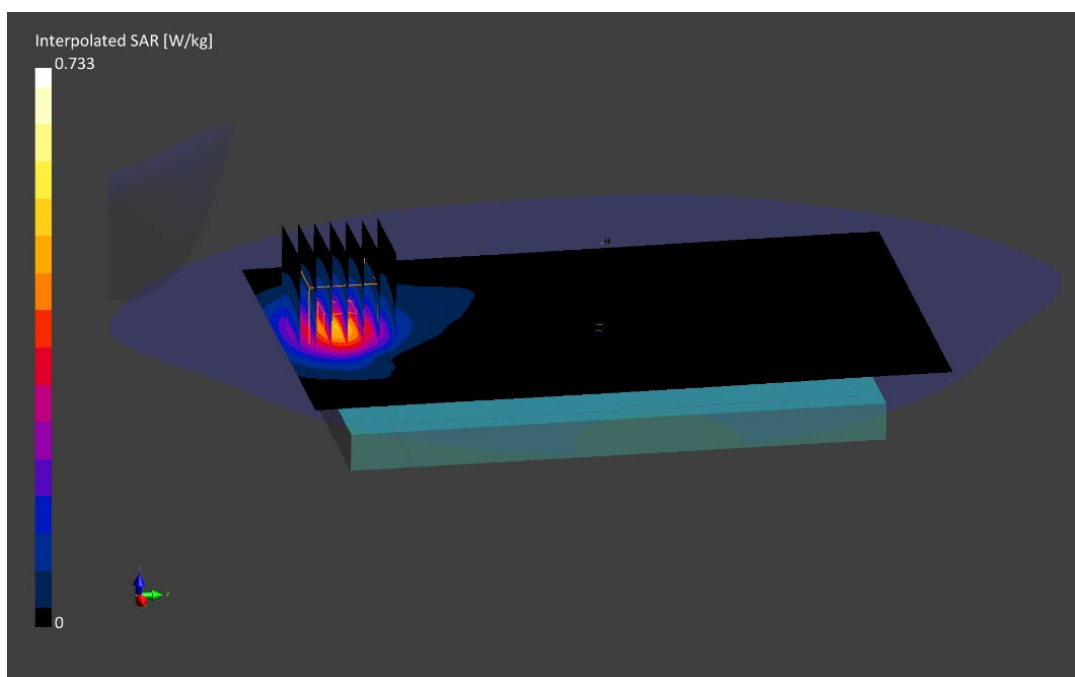
Area Scan (120.0 x 200.0): Measurement grid: $dx=10.0$ mm, $dy=10.0$ mm

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 = 0.52 W/Kg; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 0.73 W/kg

SAR(1 g) = 0.412 W/kg



PCTEST

DUT: A3LSMF711U; Type: Portable Handset; Serial: 0748M

Communication System: UID:10154-CAG, LTE-FDD; MAIA: Y; Frequency: 2310.0 MHz

Medium: 2450 Body; Medium parameters used:

$f = 2310.0$ MHz; $\text{cond} = 1.88$ S/m; $\text{perm} = 52.8$; $\text{density} = 1000$ kg/m³

Phantom Section: Flat; Space: 0.5 cm

Test Date: 04/18/2021; Ambient Temp: 24.0°C; Tissue Temp: 22.1°C

Probe: EX3DV4 - SN7538; ConvF:(7.62,7.62,7.62); Calibrated: 2020-11-23

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

Electronics: DAE4 Sn1449; Calibrated: 2020-09-10

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

Measurement SW: cDASY6 Module SAR V6.14.0.959

**Mode: LTE Band 30 Closed, Body SAR, Bottom Edge, Mid.ch, 10 MHz Bandwidth
QPSK, 25 RB, 12 RB Offset**

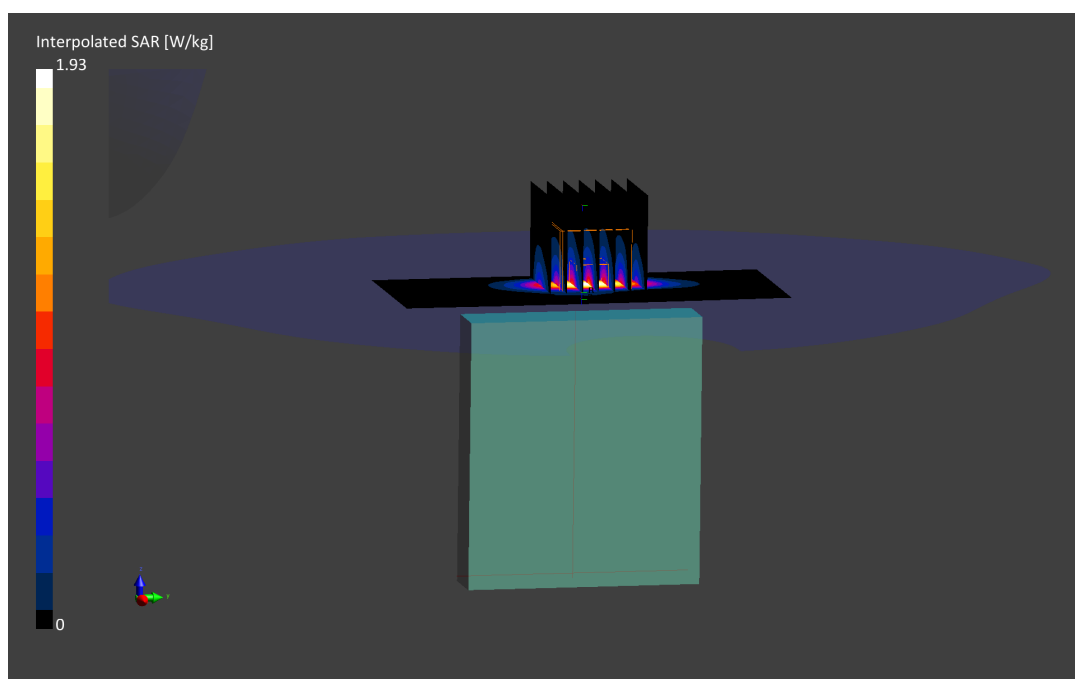
Area Scan (50.0 x 120.0): Measurement grid: $dx=5.0$ mm, $dy=10.0$ mm

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 = 1.00 W/Kg; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 1.92 W/kg

SAR(1 g) = 0.837 W/kg



PCTEST

DUT: A3LSMF711U; Type: Portable Handset; Serial: 0126M

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

Medium: 2450 Body; Medium parameters used:

$f = 2535.0$ MHz; $\text{cond} = 2.12$ S/m; $\text{perm} = 51.6$; $\text{density} = 1000$ kg/m³

Phantom Section: Flat; Space: 1.5 cm

Test Date: 04/15/2021; Ambient Temp: 20.5°C; Tissue Temp: 22.0°C

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

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

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

Phantom: Twin-SAM V5.0 (Left); Serial: 1630

Measurement SW: cDASY6 Module SAR V6.14.0.959

**Mode: LTE Band 7 Open, Body SAR, Back side, Mid.ch, 20 MHz Bandwidth
QPSK, 1 RB, 0 RB Offset**

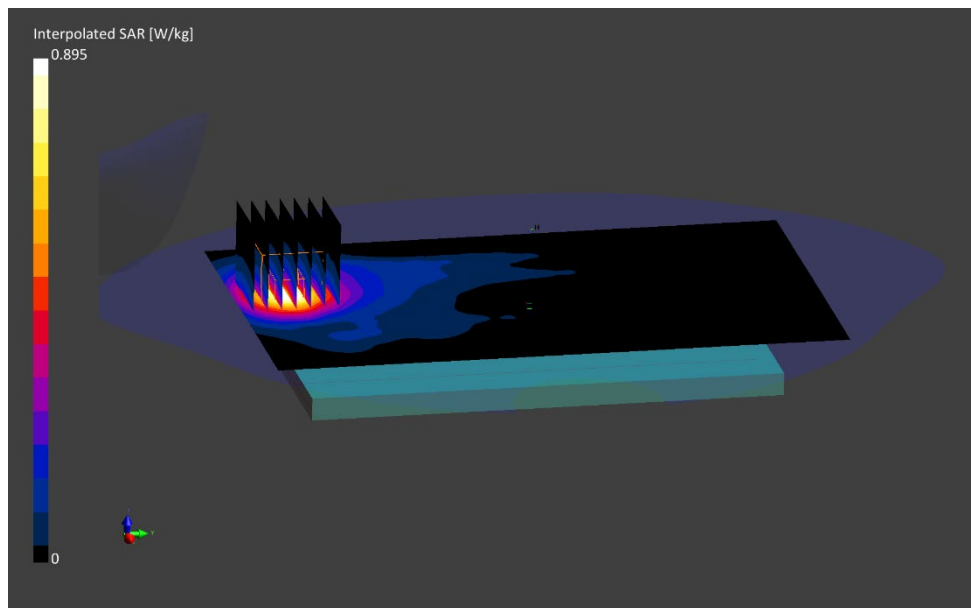
Area Scan (120.0 x 200.0): Measurement grid: $dx=10.0$ mm, $dy=10.0$ mm

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 = 0.56 W/Kg; Power Drift = 0.11 dB

Peak SAR (extrapolated) = 0.89 W/kg

SAR(1 g) = 0.455 W/kg



PCTEST

DUT: A3LSMF711U; Type: Portable Handset; Serial: 0126M

Communication System: UID:10297-AAD, LTE-FDD; MAIA: Y; Frequency: 2510.0 MHz

Medium: 2450 Body; Medium parameters used:

$f = 2510.0$ MHz; $\text{cond} = 2.09$ S/m; $\text{perm} = 52.1$; $\text{density} = 1000$ kg/m³

Phantom Section: Flat; Space: 0.5 cm

Test Date: 04/18/2021; Ambient Temp: 22.9°C; Tissue Temp: 22.3°C

Probe: EX3DV4 - SN7539; ConvF:(7.62,7.62,7.62); Calibrated: 2020-10-20

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

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

Phantom: Twin-SAM V5.0 (Left); Serial: 1630

Measurement SW: cDASY6 Module SAR V6.14.0.959

**Mode: LTE Band 7 Closed, Body SAR, Bottom Edge, Low.ch, 20 MHz Bandwidth
QPSK, 50 RB, 25 RB Offset**

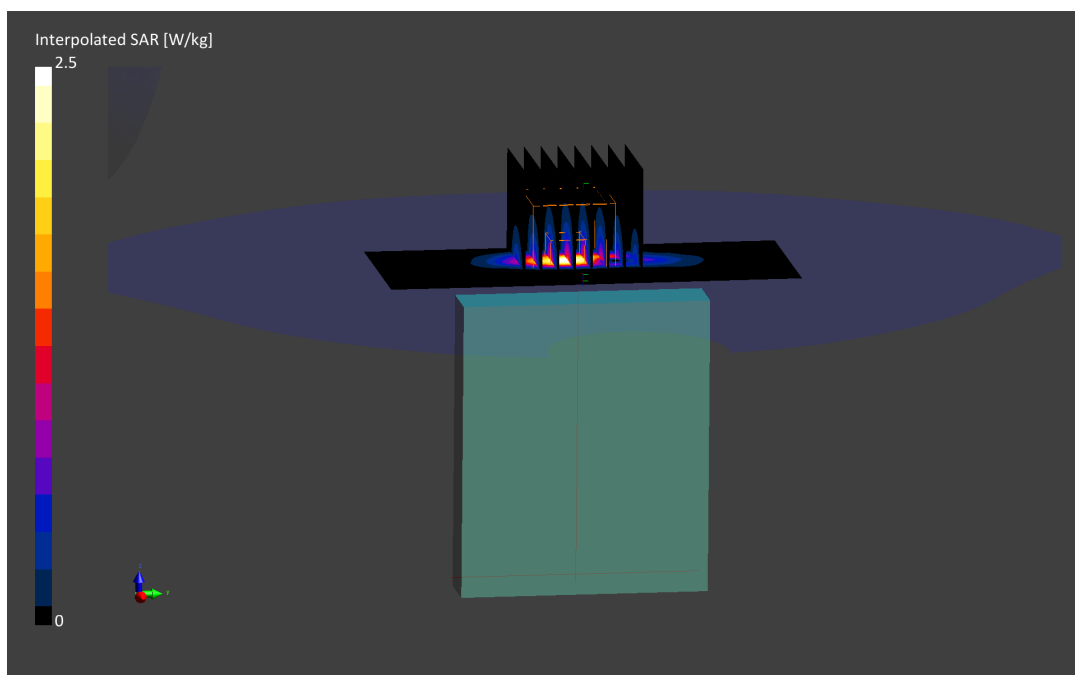
Area Scan (50.0 x 120.0): Measurement grid: $dx=5.0$ mm, $dy=10.0$ mm

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 = 1.50 W/Kg; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 2.49 W/kg

SAR(1 g) = 1.07 W/kg



PCTEST

DUT: A3LSMF711U; Type: Portable Handset; Serial: 0881M

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

Medium: 3600 Body; Medium parameters used:

$f = 3646.7$ MHz; $\text{cond} = 3.43$ S/m; $\text{perm} = 49.1$; $\text{density} = 1000$ kg/m³

Phantom Section: Flat; Space: 1.5 cm

Test Date: 05/03/2021; Ambient Temp: 20.0°C; Tissue Temp: 20.0°C

Probe: EX3DV4 - SN7551; ConvF:(6.41,6.41,6.41); Calibrated: 2020-10-20

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

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

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

Measurement SW: cDASY6 Module SAR V6.14.0.959

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

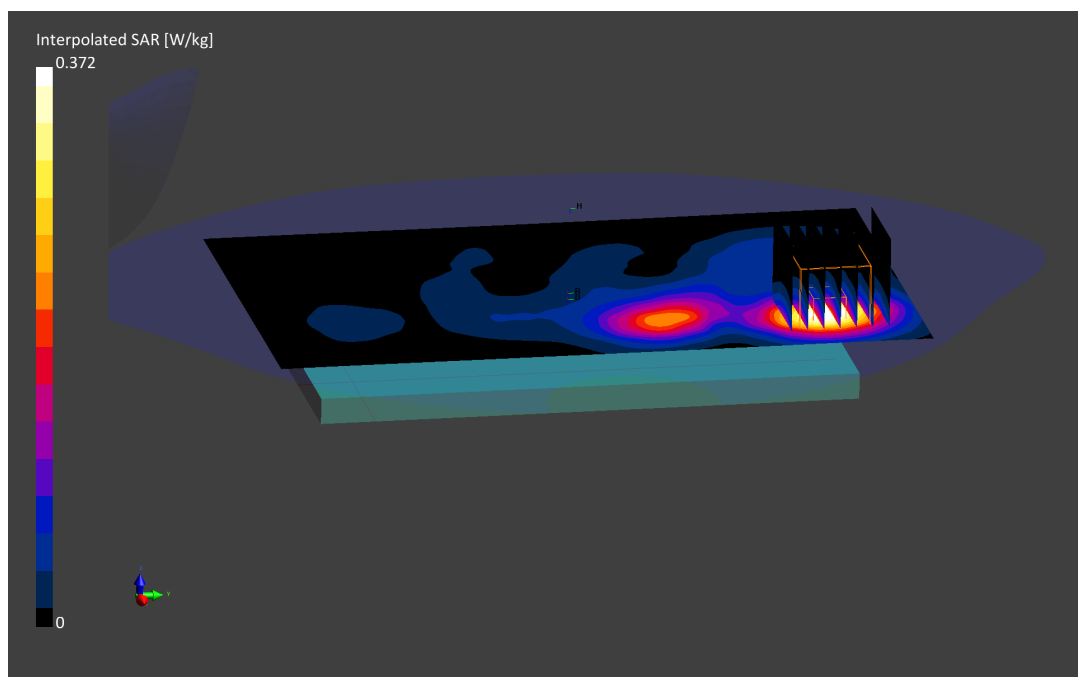
Area Scan (120.0 x 200.0): Measurement grid: $dx=10.0$ mm, $dy=10.0$ mm

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 = 0.22 W/Kg; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 0.37 W/kg

SAR(1 g) = 0.166 W/kg



PCTEST

DUT: A3LSMF711U; Type: Portable Handset; Serial: 0881M

Communication System: UID:10435-AAF, LTE-TDD; MAIA: Y; Frequency: 3690.0 MHz

Medium: 3600 Body; Medium parameters used:

$f = 3690.0$ MHz; $\text{cond} = 3.54$ S/m; $\text{perm} = 48.7$; $\text{density} = 1000$ kg/m³

Phantom Section: Flat; Space: 0.5 cm

Test Date: 05/24/2021; Ambient Temp: 21.3°C; Tissue Temp: 21.5°C

Probe: EX3DV4 - SN7551; ConvF:(6.41,6.41,6.41); Calibrated: 2020-10-20

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

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

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

Measurement SW: cDASY6 Module SAR V6.14.0.959

**Mode: LTE Band 48 Closed, Body SAR, Left Edge, High.ch, 20 MHz Bandwidth,
QPSK, 1 RB, 0 RB Offset**

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

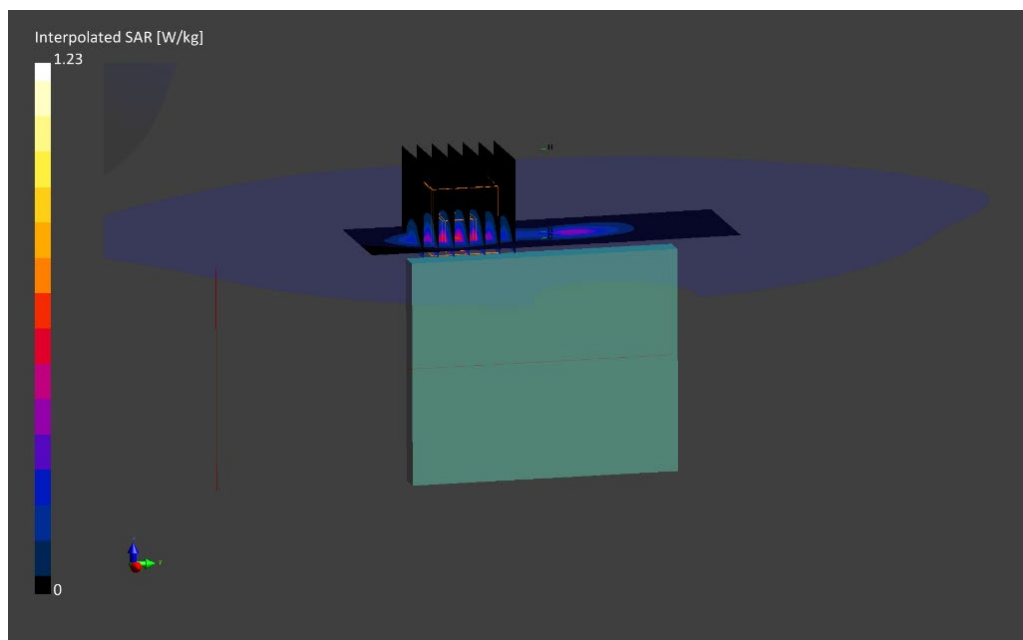
Zoom Scan (28.0 x 28.0 x 28.0): Measurement grid: $dx=5.0$ mm, $dy=5.0$ mm, $dz=1.4$ mm; Graded Ratio: 1.4;

Graded Ratio: 1.5

Reference Value = 0.63 W/Kg; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 1.23 W/kg

SAR(1 g) = 0.415 W/kg



PCTEST

DUT: A3LSMF711U; Type: Portable Handset; Serial: 0123M

Communication System: UID:10172-CAG, LTE-TDD; MAIA: Y; Frequency: 2680.0 MHz

Medium: 2450 Body; Medium parameters used:

$f = 2680.0$ MHz; $\text{cond} = 2.33$ S/m; $\text{perm} = 51.5$; $\text{density} = 1000$ kg/m³

Phantom Section: Flat; Space: 1.5 cm

Test Date: 04/18/2021; Ambient Temp: 22.9°C; Tissue Temp: 22.3°C

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

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

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

Phantom: Twin-SAM V5.0 (Left); Serial: 1630

Measurement SW: cDASY6 Module SAR V6.14.0.959

Mode: LTE Band 41 ULCA PC2 Open, Body SAR, Back Side

PCC: 20 MHz Bandwidth, QPSK, Ch. 41490, 1 RB, 0 RB Offset

SCC: 20 MHz Bandwidth, QPSK, Ch. 41292, 1 RB, 99 RB Offset

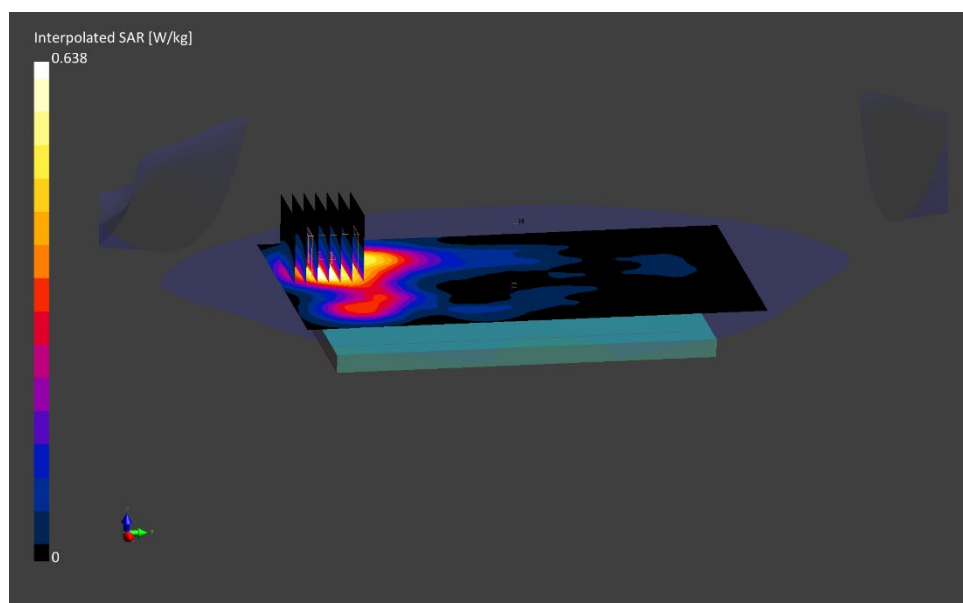
Area Scan (120.0 x 200.0): Measurement grid: $dx=10.0$ mm, $dy=10.0$ mm

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

Reference Value = 0.63 W/Kg; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 0.63 W/kg

SAR(1 g) = 0.332 W/kg



PCTEST

DUT: A3LSMF711U; Type: Portable Handset; Serial: 0123M

Communication System: UID:10435-AAF, LTE-TDD; MAIA: Y; Frequency: 2636.5 MHz

Medium: 2450 Body; Medium parameters used:

$f = 2636.5$ MHz; $\text{cond} = 2.27$ S/m; $\text{perm} = 51.6$; $\text{density} = 1000$ kg/m³

Phantom Section: Flat; Space: 0.5 cm

Test Date: 04/18/2021; Ambient Temp: 22.9°C; Tissue Temp: 22.3°C

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

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

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

Phantom: Twin-SAM V5.0 (Left); Serial: 1630

Measurement SW: cDASY6 Module SAR V6.14.0.959

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

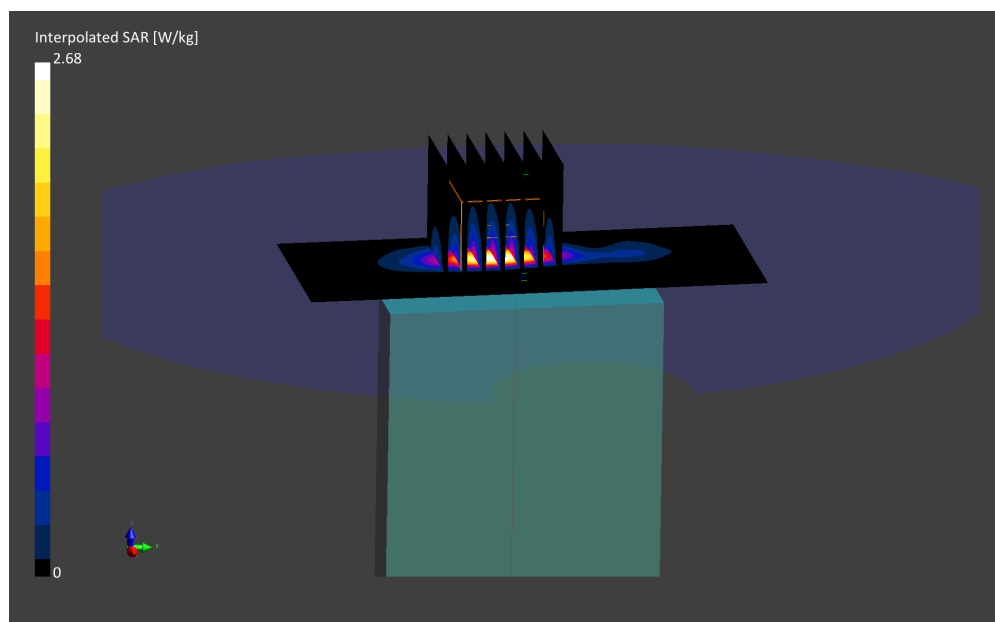
Area Scan (60.0 x 60.0): Measurement grid: $dx=10.0$ mm, $dy=10.0$ mm

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 = 1.37 W/Kg; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 2.68 W/kg

SAR(1 g) = 1.02 W/kg



PCTEST

DUT: A3LSMF711U; Type: Portable Handset; Serial: 0175M

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

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

$f = 680.5$ MHz; $\sigma = 0.914$ S/m; $\epsilon_r = 55.368$; $\rho = 1000$ kg/m³

Phantom section: Flat Section; Space: 1.5 cm

Test Date: 05/02/2021; Ambient Temp: 22.3°C; Tissue Temp: 21.6°C

Probe: EX3DV4 - SN7406; ConvF(9.66, 9.66, 9.66) @ 680.5 MHz; Calibrated: 6/23/2020

Sensor-Surface: 1.4mm (Mechanical Surface Detection)

Electronics: DAE4 Sn1583; Calibrated: 5/14/2020

Phantom: Front; Type: QD 000 P40 CD; Serial: 1686

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

**Mode: NR Band n71 Open, Body SAR, Back Side, 20 MHz Bandwidth,
DFT-s-OFDM QPSK, Ch. 136100, 50 RB, 28 RB Offset**

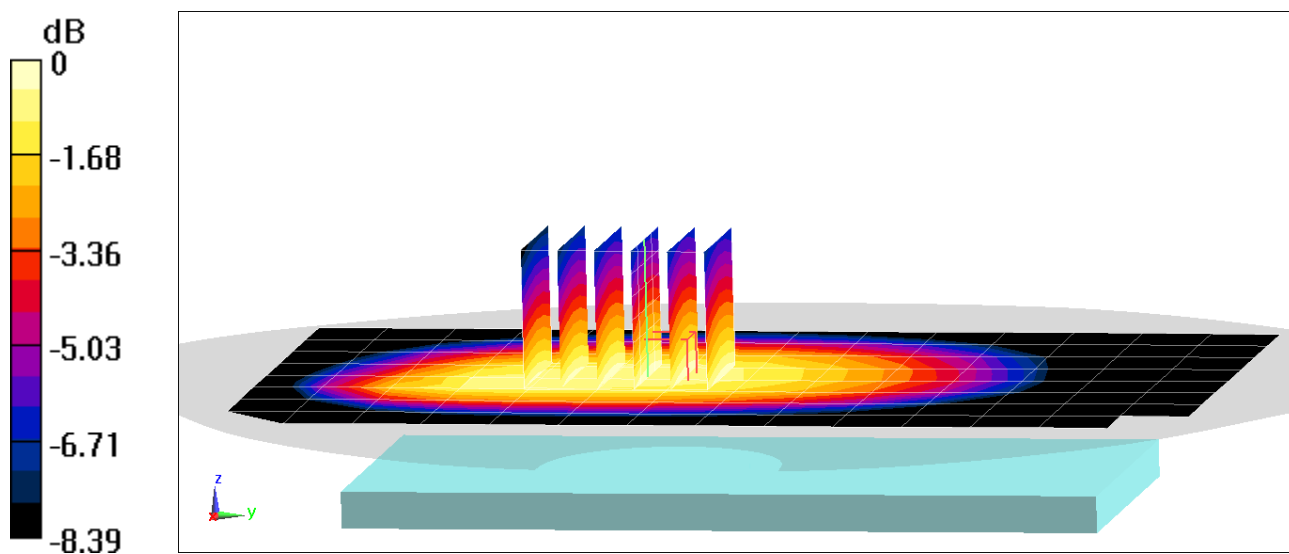
Area Scan (9x15x1): Measurement grid: dx=15mm, dy=15mm

Zoom Scan (5x6x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 17.39 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 0.362 W/kg

SAR(1 g) = 0.274 W/kg



0 dB = 0.329 W/kg = -4.83 dBW/kg

PCTEST

DUT: A3LSMF711U; Type: Portable Handset; Serial: 0175M

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

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

$f = 680.5 \text{ MHz}$; $\sigma = 0.925 \text{ S/m}$; $\epsilon_r = 54.381$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section; Space: 0.5 cm

Test Date: 05/09/2021; Ambient Temp: 22.4°C; Tissue Temp: 21.7°C

Probe: EX3DV4 - SN7406; ConvF(9.66, 9.66, 9.66) @ 680.5 MHz; Calibrated: 6/23/2020

Sensor-Surface: 1.4mm (Mechanical Surface Detection)

Electronics: DAE4 Sn1583; Calibrated: 5/14/2020

Phantom: Front; Type: QD 000 P40 CD; Serial: 1686

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

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

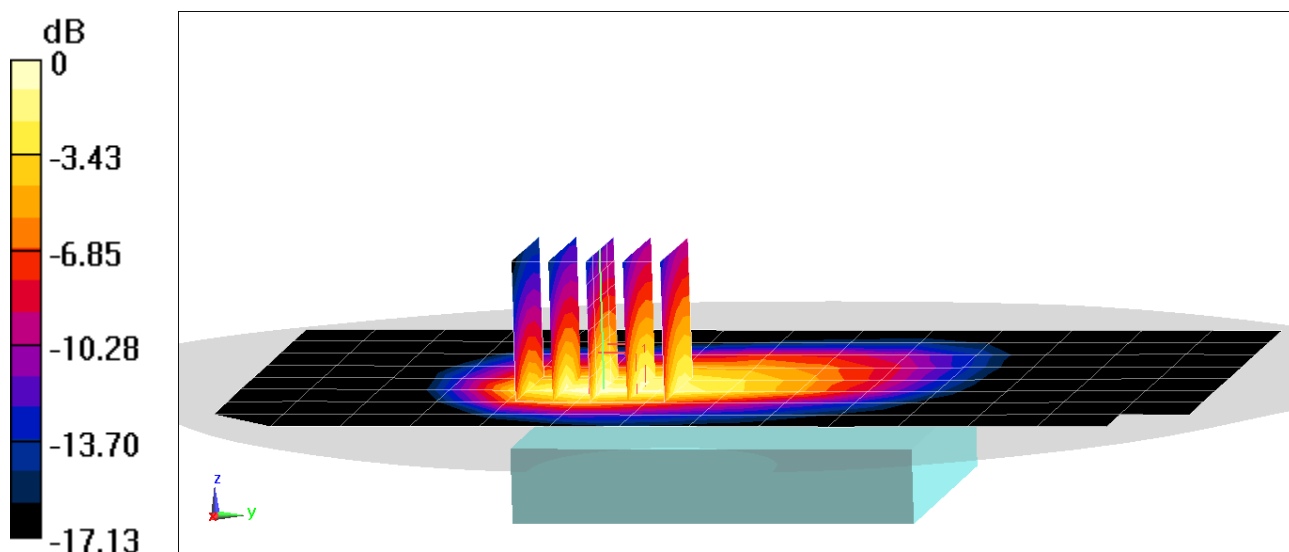
Area Scan (9x15x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Reference Value = 24.00 V/m; Power Drift = 0.10 dB

Peak SAR (extrapolated) = 0.912 W/kg

SAR(1 g) = 0.515 W/kg



0 dB = 0.750 W/kg = -1.25 dBW/kg

PCTEST

DUT: A3LSMF711U; Type: Portable Handset; Serial: 0177M

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

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

$f = 707.5 \text{ MHz}$; $\sigma = 0.967 \text{ S/m}$; $\epsilon_r = 54.124$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section; Space: 1.5 cm

Test Date: 05/04/2021; Ambient Temp: 23.4°C; Tissue Temp: 22.8°C

Probe: EX3DV4 - SN7406; ConvF(9.66, 9.66, 9.66) @ 707.5 MHz; Calibrated: 6/23/2020

Sensor-Surface: 1.4mm (Mechanical Surface Detection)

Electronics: DAE4 Sn1583; Calibrated: 5/14/2020

Phantom: Front; Type: QD 000 P40 CD; Serial: 1686

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

**Mode: NR Band n12 Open, Body SAR, Back Side, 15 MHz Bandwidth,
DFT-s-OFDM QPSK, Ch. 141500, 1 RB, 1 RB Offset**

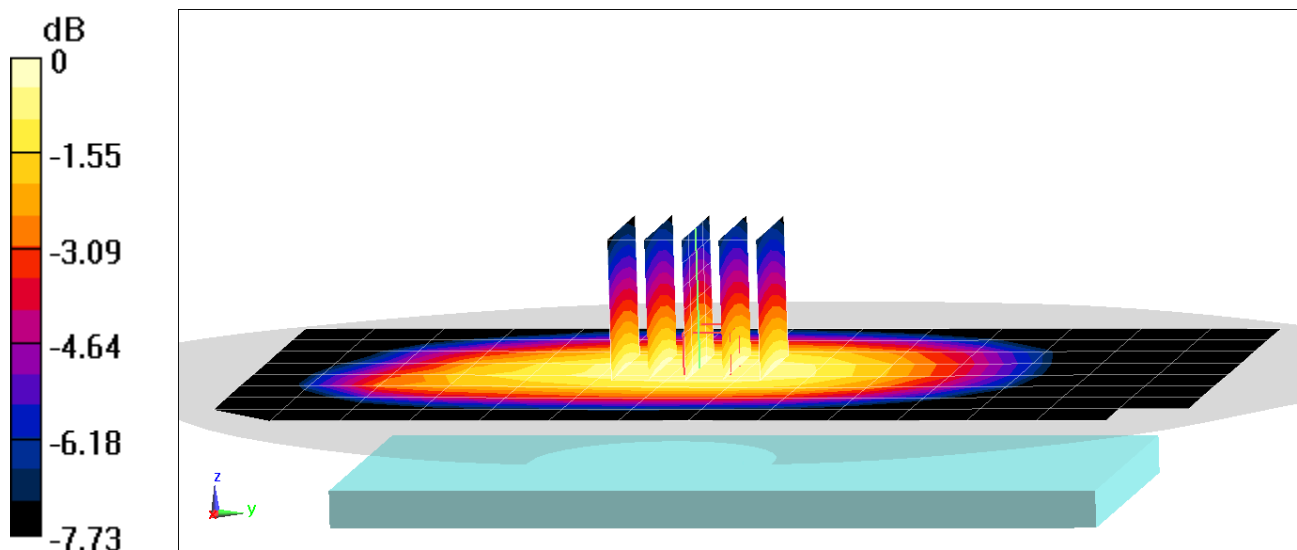
Area Scan (9x15x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Reference Value = 17.72 V/m; Power Drift = 0.10 dB

Peak SAR (extrapolated) = 0.409 W/kg

SAR(1 g) = 0.303 W/kg



0 dB = 0.370 W/kg = -4.32 dBW/kg

PCTEST

DUT: A3LSMF711U; Type: Portable Handset; Serial: 0177M

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

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

$f = 707.5 \text{ MHz}$; $\sigma = 0.935 \text{ S/m}$; $\epsilon_r = 54.309$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section; Space: 0.5 cm

Test Date: 05/09/2021; Ambient Temp: 22.4°C; Tissue Temp: 21.7°C

Probe: EX3DV4 - SN7406; ConvF(9.66, 9.66, 9.66) @ 707.5 MHz; Calibrated: 6/23/2020

Sensor-Surface: 1.4mm (Mechanical Surface Detection)

Electronics: DAE4 Sn1583; Calibrated: 5/14/2020

Phantom: Front; Type: QD 000 P40 CD; Serial: 1686

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

**Mode: NR Band n12 Closed, Body SAR, Back Side, 15 MHz Bandwidth,
DFT-s-OFDM QPSK, Ch. 141500, 36 RB, 0 RB Offset**

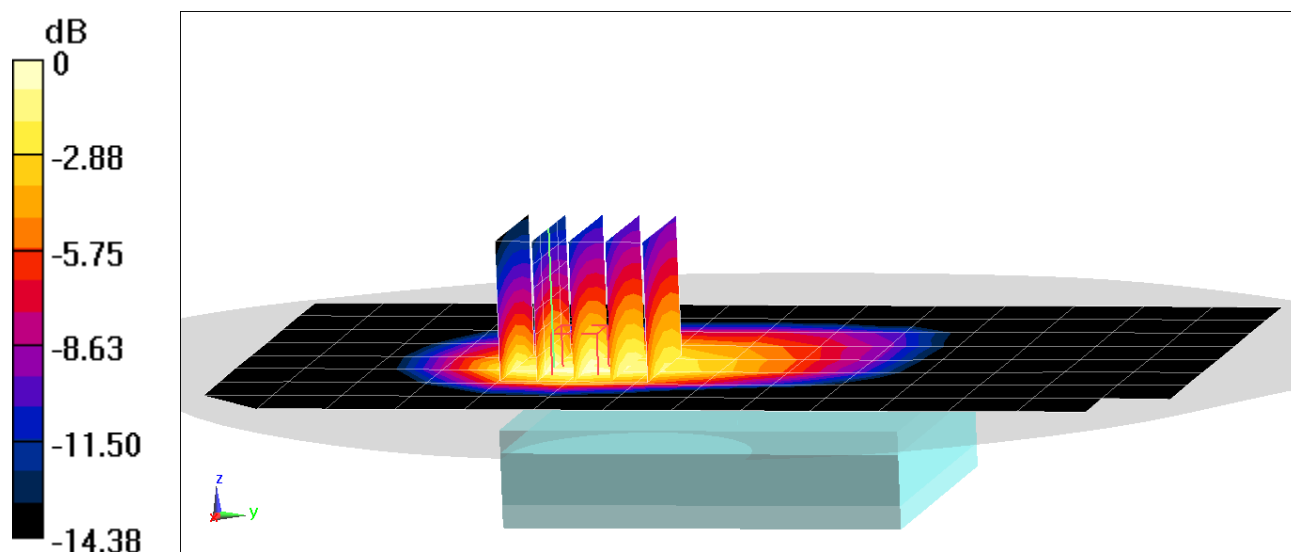
Area Scan (9x15x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Reference Value = 24.75 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 0.962 W/kg

SAR(1 g) = 0.542 W/kg



0 dB = 0.776 W/kg = -1.10 dBW/kg

PCTEST

DUT: A3LSMF711U; Type: Portable Handset; Serial: 0183M

Communication System: UID 0, NR Band n5; Frequency: 836.5 MHz; Duty Cycle: 1:1

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

$f = 836.5$ MHz; $\sigma = 0.961$ S/m; $\epsilon_r = 53.034$; $\rho = 1000$ kg/m³

Phantom section: Flat Section; Space: 1.5 cm

Test Date: 04/29/2021; Ambient Temp: 24.3°C; Tissue Temp: 21.4°C

Probe: EX3DV4 - SN7308; ConvF(9.92, 9.92, 9.92) @ 836.5 MHz; Calibrated: 7/31/2020

Sensor-Surface: 1.4mm (Mechanical Surface Detection)

Electronics: DAE4 Sn1450; Calibrated: 8/11/2020

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

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

**Mode: NR Band n5 Closed, Body SAR, Back Side, 20 MHz Bandwidth,
DFT-s-OFDM QPSK, Ch. 167300, 50 RB, 28 RB Offset**

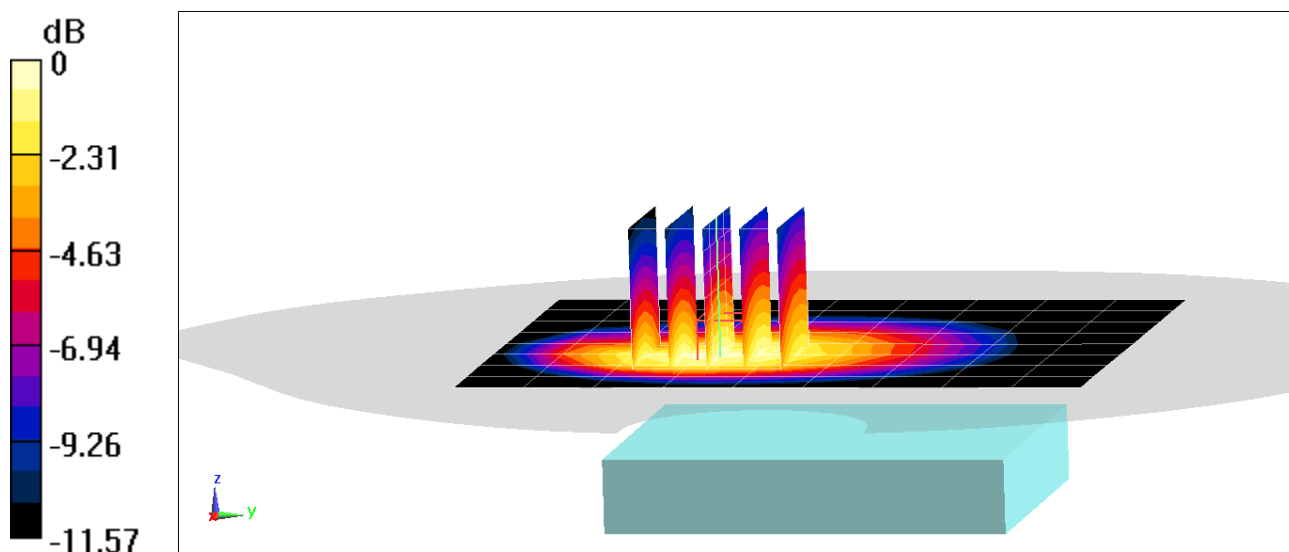
Area Scan (9x10x1): Measurement grid: dx=15mm, dy=15mm

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

Reference Value = 19.79 V/m; Power Drift = 0.00 dB

Peak SAR (extrapolated) = 0.546 W/kg

SAR(1 g) = 0.356 W/kg



0 dB = 0.477 W/kg = -3.21 dBW/kg

PCTEST

DUT: A3LSMF711U; Type: Portable Handset; Serial: 0183M

Communication System: UID 0, NR Band n5; Frequency: 836.5 MHz; Duty Cycle: 1:1

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

$f = 836.5$ MHz; $\sigma = 0.961$ S/m; $\epsilon_r = 53.034$; $\rho = 1000$ kg/m³

Phantom section: Flat Section; Space: 0.5 cm

Test Date: 04/29/2021; Ambient Temp: 24.3°C; Tissue Temp: 21.4°C

Probe: EX3DV4 - SN7308; ConvF(9.92, 9.92, 9.92) @ 836.5 MHz; Calibrated: 7/31/2020

Sensor-Surface: 1.4mm (Mechanical Surface Detection)

Electronics: DAE4 Sn1450; Calibrated: 8/11/2020

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

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

**Mode: NR Band n5 Closed, Body SAR, Back Side, 20 MHz Bandwidth,
DFT-s-OFDM QPSK, Ch. 167300, 50 RB, 56 RB Offset**

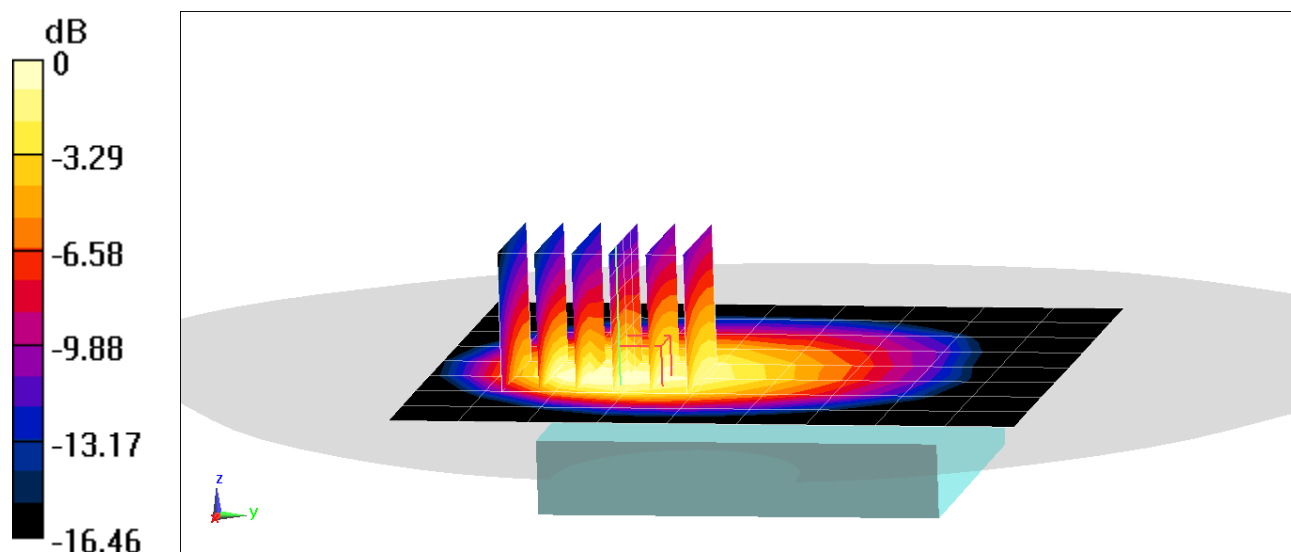
Area Scan (9x10x1): Measurement grid: dx=15mm, dy=15mm

Zoom Scan (5x6x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 26.54 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 1.45 W/kg

SAR(1 g) = 0.764 W/kg



0 dB = 1.09 W/kg = 0.37 dBW/kg

PCTEST

DUT: A3LSMF711U; Type: Portable Handset; Serial: 0218M

Communication System: UID 0, NR Band n66; Frequency: 1745 MHz; Duty Cycle: 1:1

Medium: 1750 Body; Medium parameters used:

$f = 1745 \text{ MHz}$; $\sigma = 1.506 \text{ S/m}$; $\epsilon_r = 50.831$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section; Space: 1.5 cm

Test Date: 05/04/2021; Ambient Temp: 21.7°C; Tissue Temp: 22.0°C

Probe: EX3DV4 - SN7410; ConvF(8.17, 8.17, 8.17) @ 1745 MHz; Calibrated: 7/20/2020

Sensor-Surface: 1.4mm (Mechanical Surface Detection)

Electronics: DAE4 Sn1322; Calibrated: 7/15/2020

Phantom: Twin-SAM V5.0 Left 20; Type: QD 000 P40 CD; Serial: 1715

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

**Mode: NR Band n66 Ant A Open, Body SAR, Back Side, 40 MHz Bandwidth,
DFT-s-OFDM QPSK, Ch. 349000, 108 RB, 54 RB Offset**

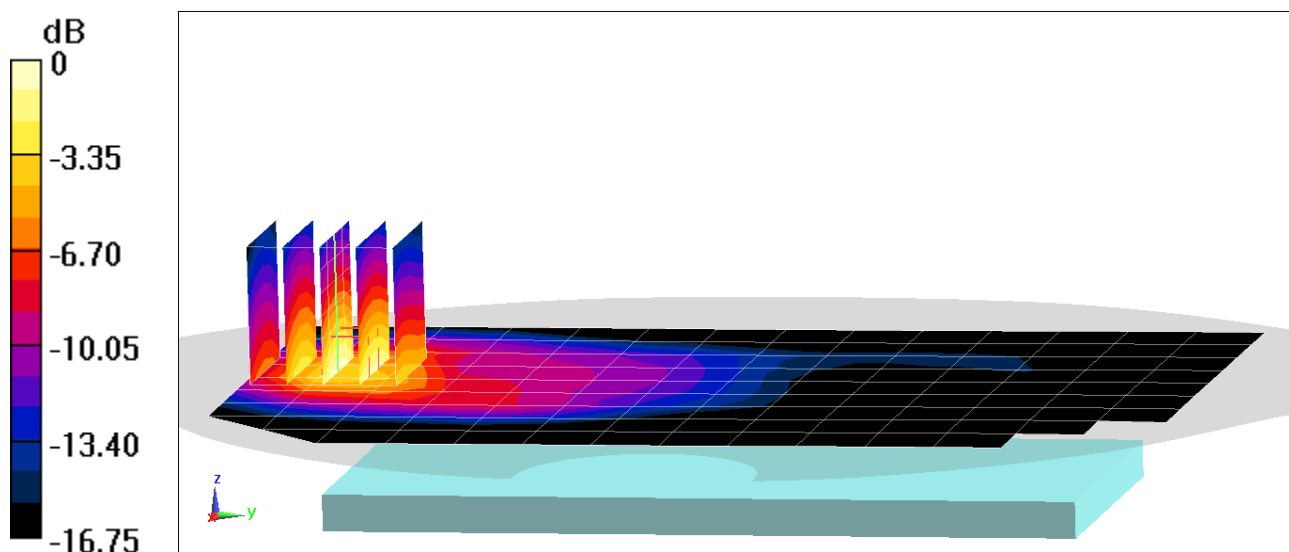
Area Scan (10x15x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Reference Value = 22.88 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 1.23 W/kg

SAR(1 g) = 0.743 W/kg



0 dB = 1.01 W/kg = 0.04 dBW/kg

PCTEST

DUT: A3LSMF711U; Type: Portable Handset; Serial: 0879M

Communication System: UID 0, NR Band n66; Frequency: 1745 MHz; Duty Cycle: 1:1

Medium: 1750 Body; Medium parameters used:

$f = 1745 \text{ MHz}$; $\sigma = 1.494 \text{ S/m}$; $\epsilon_r = 51.999$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section; Space: 0.5. cm

Test Date: 05/20/2021; Ambient Temp: 24.0°C; Tissue Temp: 21.9°C

Probe: EX3DV4 - SN7410; ConvF(8.17, 8.17, 8.17) @ 1745 MHz; Calibrated: 7/20/2020

Sensor-Surface: 1.4mm (Mechanical Surface Detection)

Electronics: DAE4 Sn1322; Calibrated: 7/15/2020

Phantom: Twin-SAM V5.0 Left 20; Type: QD 000 P40 CD; Serial: 1715

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

**Mode: NR Band n66 Ant I Closed, Body SAR, Right Edge, 40 MHz Bandwidth,
DFT-s-OFDM QPSK, Ch. 349000, 1 RB, 1 RB Offset**

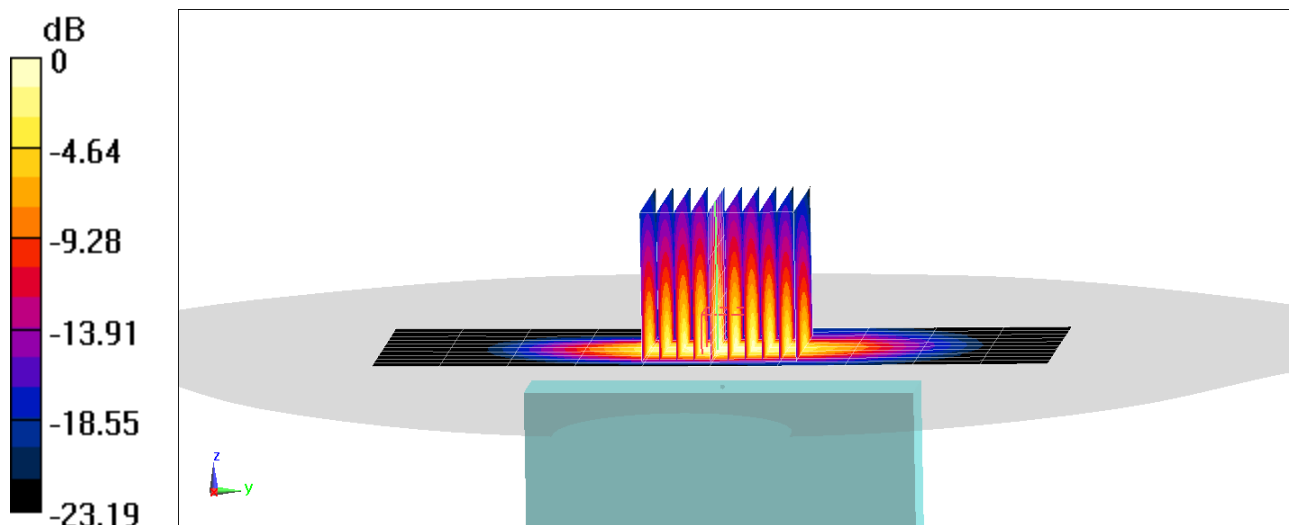
Area Scan (11x11x1): Measurement grid: $dx=5\text{mm}$, $dy=15\text{mm}$

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 = 29.15 V/m; Power Drift = -0.13 dB

Peak SAR (extrapolated) = 2.49 W/kg

SAR(1 g) = 1.11 W/kg



0 dB = 1.80 W/kg = 2.55 dBW/kg

PCTEST

DUT: A3LSMF711U; Type: Portable Handset; Serial: 0195M

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; $\sigma = 1.542$ S/m; $\epsilon_r = 52.586$; $\rho = 1000$ kg/m³

Phantom section: Flat Section; Space: 1.5 cm

Test Date: 05/05/2021; Ambient Temp: 23.1°C; Tissue Temp: 22.5°C

Probe: EX3DV4 - SN3589; ConvF(6.84, 6.84, 6.84) @ 1882.5 MHz; Calibrated: 1/20/2021

Sensor-Surface: 1.4mm (Mechanical Surface Detection)

Electronics: DAE4 Sn1558; Calibrated: 1/13/2021

Phantom: Twin-SAM V5.0 (30); Type: QD 000 P40 CD; Serial: 1646

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

**Mode: NR Band n25 Ant A Open, Body SAR, Back Side, 40 MHz Bandwidth
DFT-s-OFDM QPSK, Ch. 376500, 1 RB, 214 RB Offset**

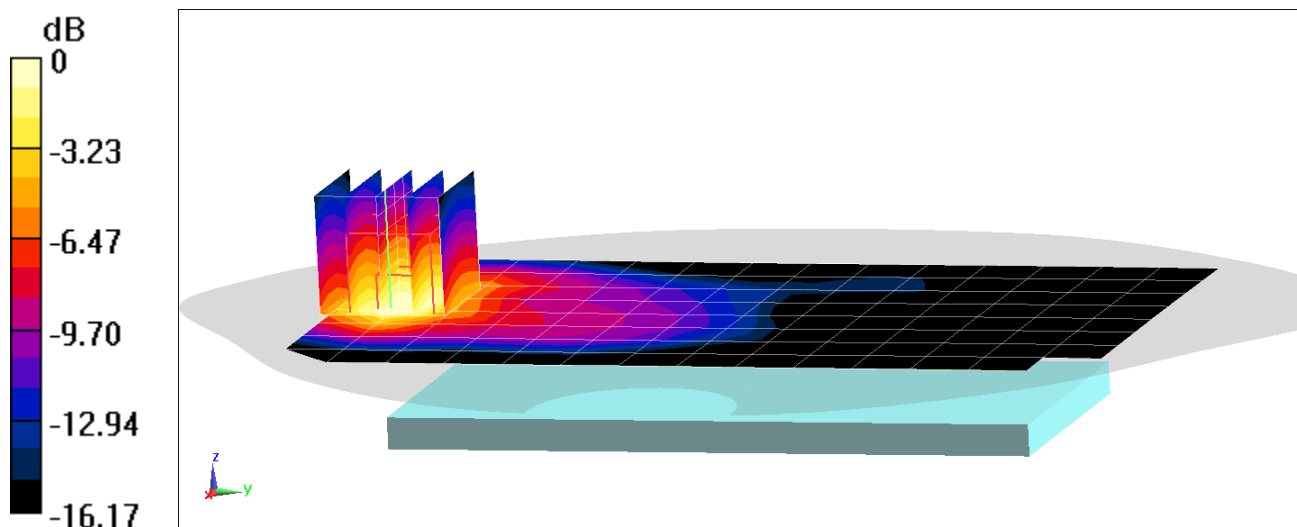
Area Scan (9x15x1): Measurement grid: dx=15mm, dy=15mm

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

Reference Value = 20.68 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 1.01 W/kg

SAR(1 g) = 0.605 W/kg



0 dB = 0.827 W/kg = -0.82 dBW/kg

PCTEST

DUT: A3LSMF711U; Type: Portable Handset; Serial: 0818M

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; $\sigma = 1.551$ S/m; $\epsilon_r = 52.084$; $\rho = 1000$ kg/m³

Phantom section: Flat Section; Space: 0.5 cm

Test Date: 05/31/2021; Ambient Temp: 23.3°C; Tissue Temp: 21.7°C

Probe: EX3DV4 - SN3589; ConvF(6.84, 6.84, 6.84) @ 1882.5 MHz; Calibrated: 1/20/2021

Sensor-Surface: 1.4mm (Mechanical Surface Detection)

Electronics: DAE4 Sn1558; Calibrated: 1/13/2021

Phantom: Twin-SAM V5.0 (30); Type: QD 000 P40 CD; Serial: 1646

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

**Mode: NR Band n25 Ant I Closed, Body SAR, Right Edge, 20 MHz Bandwidth,
CP-OFDM QPSK, Ch. 376500, 1 RB, 1 RB Offset**

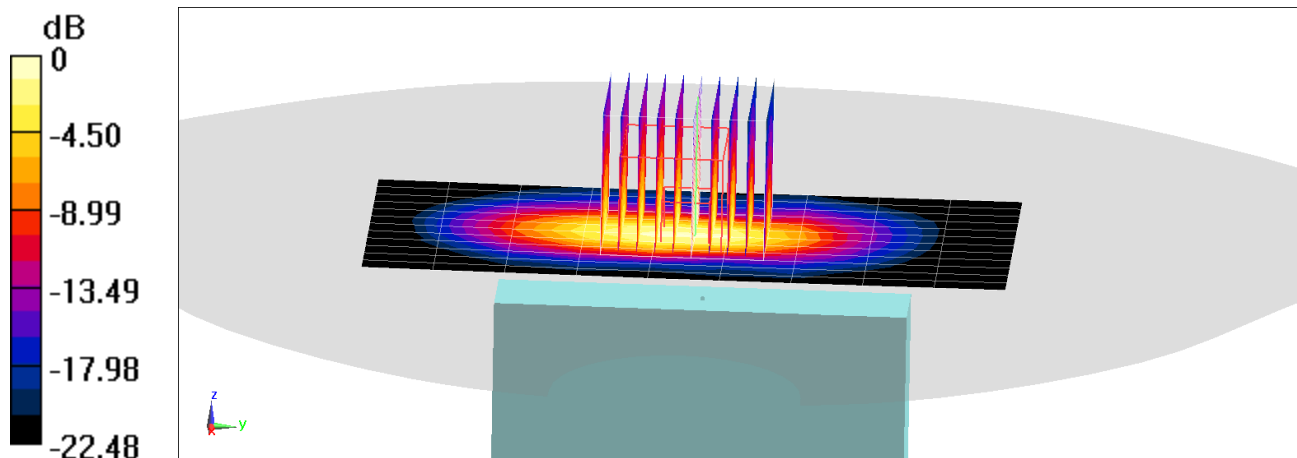
Area Scan (13x10x1): Measurement grid: dx=5mm, dy=15mm

Zoom Scan (9x10x23)/Cube 0: Measurement grid: dx=3.8mm, dy=3.8mm, dz=1.4mm; Graded Ratio: 1.4

Reference Value = 22.87 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 2.00 W/kg

SAR(1 g) = 0.789 W/kg



0 dB = 1.34 W/kg = 1.27 dBW/kg

PCTEST

DUT: A3LSMF711U; Type: Portable Handset; Serial: 0181M

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; $\text{cond} = 1.80$ S/m; $\text{perm} = 53.2$; $\text{density} = 1000$ kg/m³

Phantom Section: Flat; Space: 1.5 cm

Test Date: 04/26/2021; Ambient Temp: 23.5°C; Tissue Temp: 23.0°C

Probe: EX3DV4 - SN7539; ConvF:(7.64,7.64,7.64); Calibrated: 2020-10-20

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

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

Phantom: Twin-SAM V5.0 (Left); Serial: 1630

Measurement SW: cDASY6 Module SAR V6.14.0.959

**Mode: NR Band n30 Open, Body SAR, Back side, 10 MHz Bandwidth, Ch. 462000,
DFT-s-OFDM, QPSK, 1 RB, 26 RB Offset**

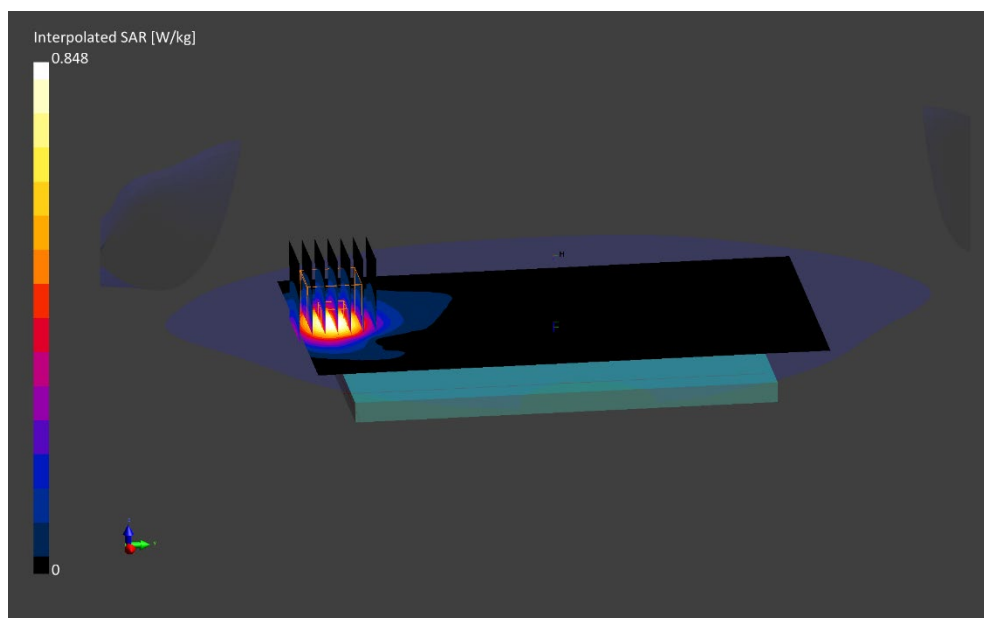
Area Scan (120.0 x 200.0): Measurement grid: $dx=10.0$ mm, $dy=10.0$ mm

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 = 0.62 W/Kg; Power Drift = -0.14 dB

Peak SAR (extrapolated) = 0.84 W/kg

SAR(1 g) = 0.484 W/kg



PCTEST

DUT: A3LSMF711U; Type: Portable Handset; Serial: 0181M

Communication System: UID 0, NR Band n30; Frequency: 2310 MHz; Duty Cycle: 1:1

Medium: 2450 Body; Medium parameters used:

$f = 2310 \text{ MHz}$; $\sigma = 1.834 \text{ S/m}$; $\epsilon_r = 51.606$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section; Space: 0.5 cm

Test Date: 05/19/2021; Ambient Temp: 24.7°C; Tissue Temp: 23.5°C

Probe: EX3DV4 - SN7571; ConvF(7.51, 7.51, 7.51) @ 2310 MHz; Calibrated: 12/11/2020

Sensor-Surface: 1.4mm (Mechanical Surface Detection)

Electronics: DAE4 Sn1533; Calibrated: 12/7/2020

Phantom: SAM 5.0 front; Type: QD000P40CD; Serial: 1648

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

**Mode: NR Band n30 Closed, Body SAR, Bottom Edge, 10 MHz Bandwidth,
DFT-s-OFDM QPSK, Ch. 462000, 25 RB, 27 RB Offset**

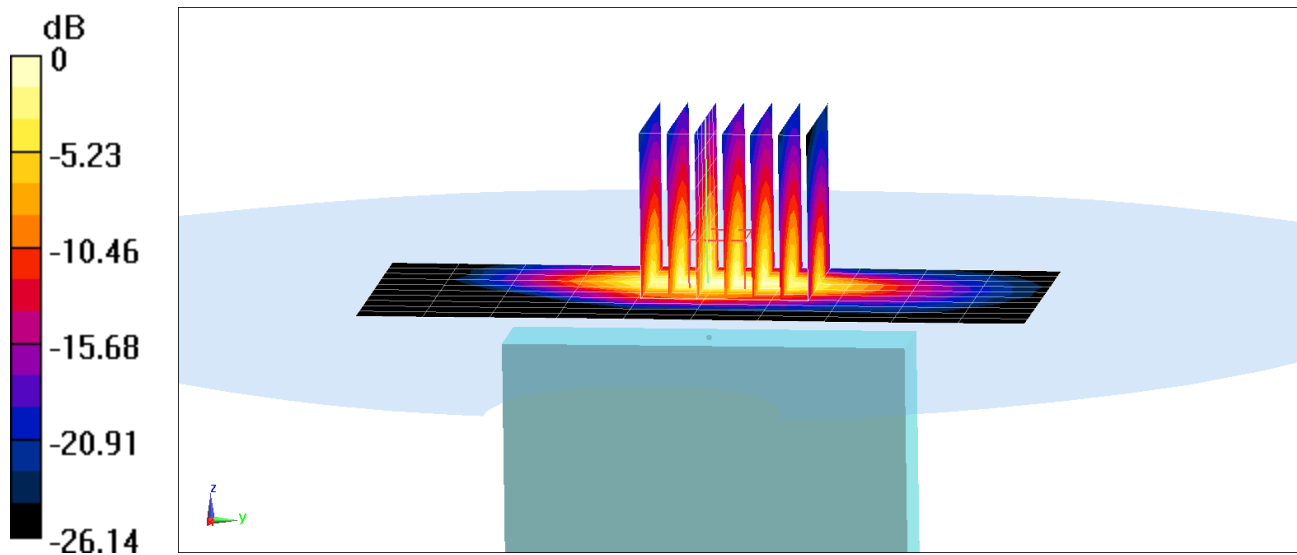
Area Scan (11x11x1): Measurement grid: $dx=5\text{mm}$, $dy=12\text{mm}$

Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

Reference Value = 26.40 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 2.73 W/kg

SAR(1 g) = 1.07 W/kg



0 dB = 2.06 W/kg = 3.14 dBW/kg

PCTEST

DUT: A3LSMF711U; Type: Portable Handset; Serial: 0897M

Communication System: UID 0, NR Band n41 Full DC; Frequency: 2592.99 MHz; Duty Cycle: 1:1

Medium: 2450 Body; Medium parameters used (interpolated):

$f = 2592.99$ MHz; $\sigma = 2.124$ S/m; $\epsilon_r = 50.288$; $\rho = 1000$ kg/m³

Phantom section: Flat Section; Space: 1.5 cm

Test Date: 05/22/2021; Ambient Temp: 24.3°C; Tissue Temp: 23.0°C

Probe: EX3DV4 - SN7571; ConvF(7.19, 7.19, 7.19) @ 2592.99 MHz; Calibrated: 12/11/2020

Sensor-Surface: 1.4mm (Mechanical Surface Detection)

Electronics: DAE4 Sn1533; Calibrated: 12/7/2020

Phantom: SAM 5.0 front; Type: QD000P40CD; Serial: 1648

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

**Mode: NR Band n41 Open, Body SAR, Back Side, 100 MHz Bandwidth,
CP-OFDM QPSK, Ch. 518598, 1 RB, 1 RB Offset**

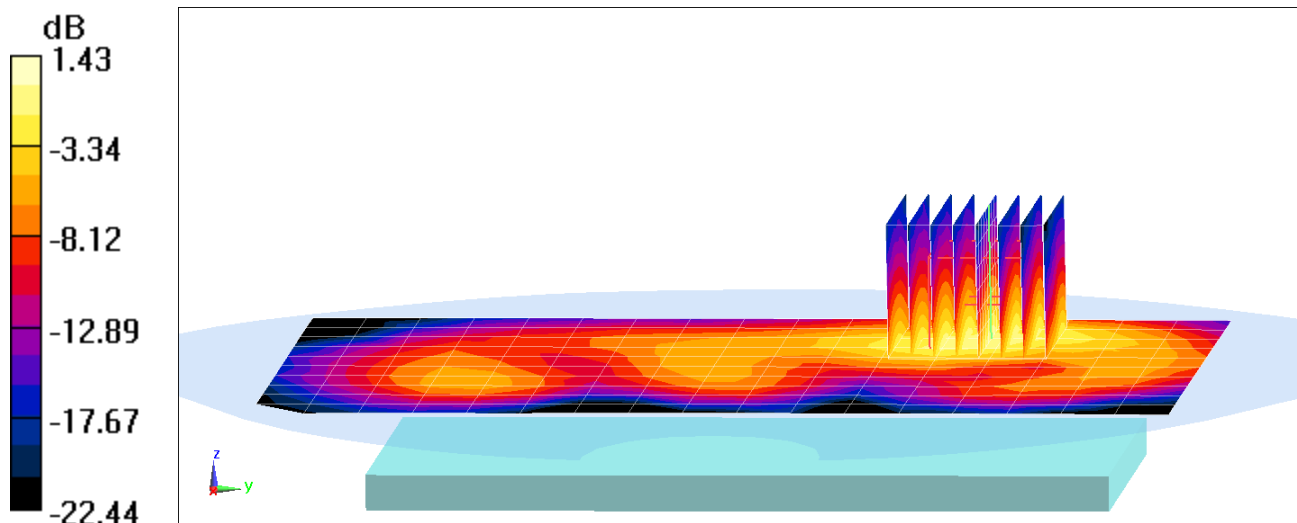
Area Scan (11x18x1): Measurement grid: dx=12mm, dy=12mm

Zoom Scan 1 (9x8x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 9.691 V/m; Power Drift = 0.14 dB

Peak SAR (extrapolated) = 0.377 W/kg

SAR(1 g) = 0.187 W/kg



0 dB = 0.299 W/kg = -5.24 dBW/kg

PCTEST

DUT: A3LSMF711U; Type: Portable Handset; Serial: 0897M

Communication System: UID 0, NR Band n41 Full DC; Frequency: 2592.99 MHz; Duty Cycle: 1:1

Medium: 2450 Body; Medium parameters used (interpolated):

$f = 2592.99$ MHz; $\sigma = 2.173$ S/m; $\epsilon_r = 50.635$; $\rho = 1000$ kg/m³

Phantom section: Flat Section; Space: 0.5 cm

Test Date: 05/25/2021; Ambient Temp: 24.7°C; Tissue Temp: 24.5°C

Probe: EX3DV4 - SN7571; ConvF(7.19, 7.19, 7.19) @ 2592.99 MHz; Calibrated: 12/11/2020

Sensor-Surface: 1.4mm (Mechanical Surface Detection)

Electronics: DAE4 Sn1533; Calibrated: 12/7/2020

Phantom: SAM 5.0 front; Type: QD000P40CD; Serial: 1648

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

**Mode: NR Band n41 Closed, Body SAR, Right Edge, 100 MHz Bandwidth,
CP-OFDM QPSK, Ch. 518598, 1 RB, 1 RB Offset**

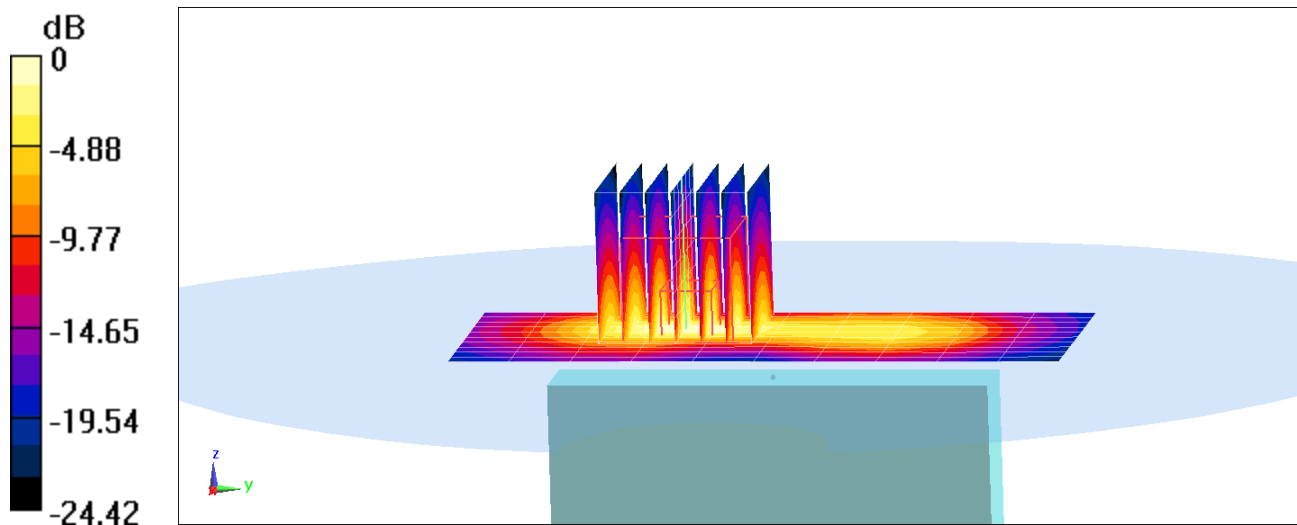
Area Scan (11x11x1): Measurement grid: dx=5mm, dy=12mm

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 24.61 V/m; Power Drift = -0.17 dB

Peak SAR (extrapolated) = 2.59 W/kg

SAR(1 g) = 1.08 W/kg



0 dB = 2.02 W/kg = 3.05 dBW/kg

PCTEST

DUT: A3LSMF711U; Type: Portable Handset; Serial: 0647M

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; $\text{cond} = 3.35$ S/m; $\text{perm} = 49.6$; $\text{density} = 1000$ kg/m³

Phantom Section: Flat; Space: 1.5 cm

Test Date: 05/21/2021; Ambient Temp: 21.0°C; Tissue Temp: 21.0°C

Probe: EX3DV4 - SN7551; ConvF:(6.31,6.31,6.31); Calibrated: 2020-10-20

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

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

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

Measurement SW: cDASY6 Module SAR V6.14.0.959

**Mode: NR Band n77 Ant F DoD Open, Body SAR, Back Side, 100 MHz Bandwidth,
Ch. 633334, CP-OFDM QPSK, 1 RB, 1 RB Offset**

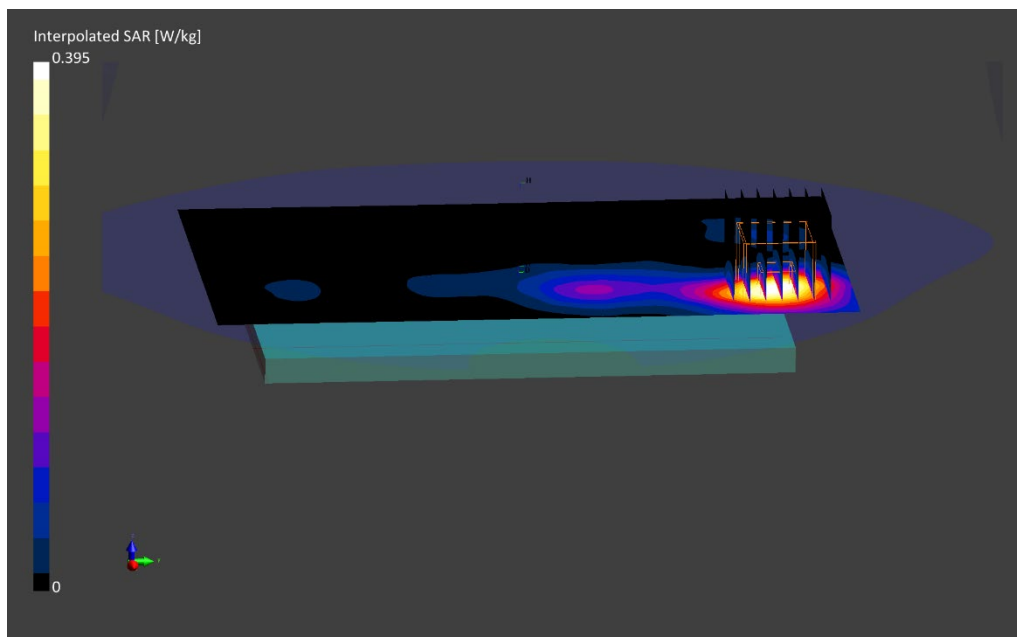
Area Scan (120.0 x 200.0): Measurement grid: $dx=10.0$ mm, $dy=10.0$ mm

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 = 0.24 W/Kg; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 039 W/kg

SAR(1 g) = 0.173 W/kg



PCTEST

DUT: A3LSMF711U; Type: Portable Handset; Serial: 0831M

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; $\text{cond} = 3.26$ S/m; $\text{perm} = 50.8$; $\text{density} = 1000$ kg/m³

Phantom Section: Flat; Space: 0.5 cm

Test Date: 05/28/2021; Ambient Temp: 22.0°C; Tissue Temp: 20.0°C

Probe: EX3DV4 - SN7539; ConvF:(6.5,6.5,6.5); Calibrated: 2020-10-20

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

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

Phantom: Twin-SAM V5.0 (Left); Serial: 1630

Measurement SW: cDASY6 Module SAR V6.14.0.959

**Mode: NR Band n77 Ant C DoD Closed, Body SAR, Left Edge, 100 MHz Bandwidth,
Ch. 633334, CP-OFDM QPSK, 1 RB, 1 RB Offset**

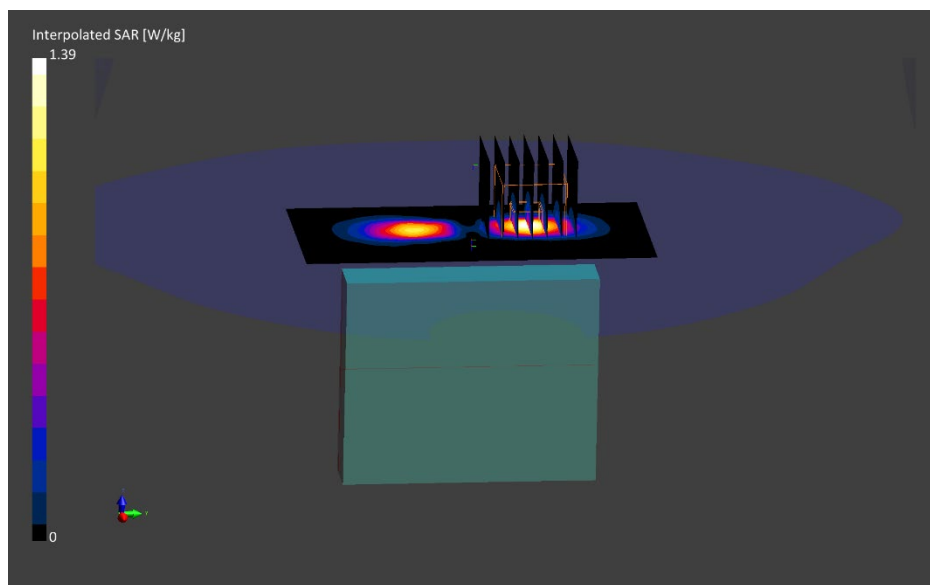
Area Scan (60.0 x 120.0): Measurement grid: $dx=10.0$ mm, $dy=10.0$ mm

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 = 0.75 W/Kg; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 1.39 W/kg

SAR(1 g) = 0.555 W/kg



PCTEST

DUT: A3LSMF711U; Type: Portable Handset; Serial: 0641M

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; $\text{cond} = 3.76$ S/m; $\text{perm} = 49.9$; $\text{density} = 1000$ kg/m³

Phantom Section: Flat; Space: 1.5 cm

Test Date: 05/15/2021; Ambient Temp: 20.1°C; Tissue Temp: 21.9°C

Probe: EX3DV4 - SN7551; ConvF:(5.95,5.95,5.95); Calibrated: 2020-10-20

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

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

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

Measurement SW: cDASY6 Module SAR V6.14.0.959

**Mode: NR Band n77 Ant F Open, Body SAR, Back side, 100 MHz Bandwidth,
Ch. 662000, CP-OFDM QPSK, 1 RB, 1 RB Offset**

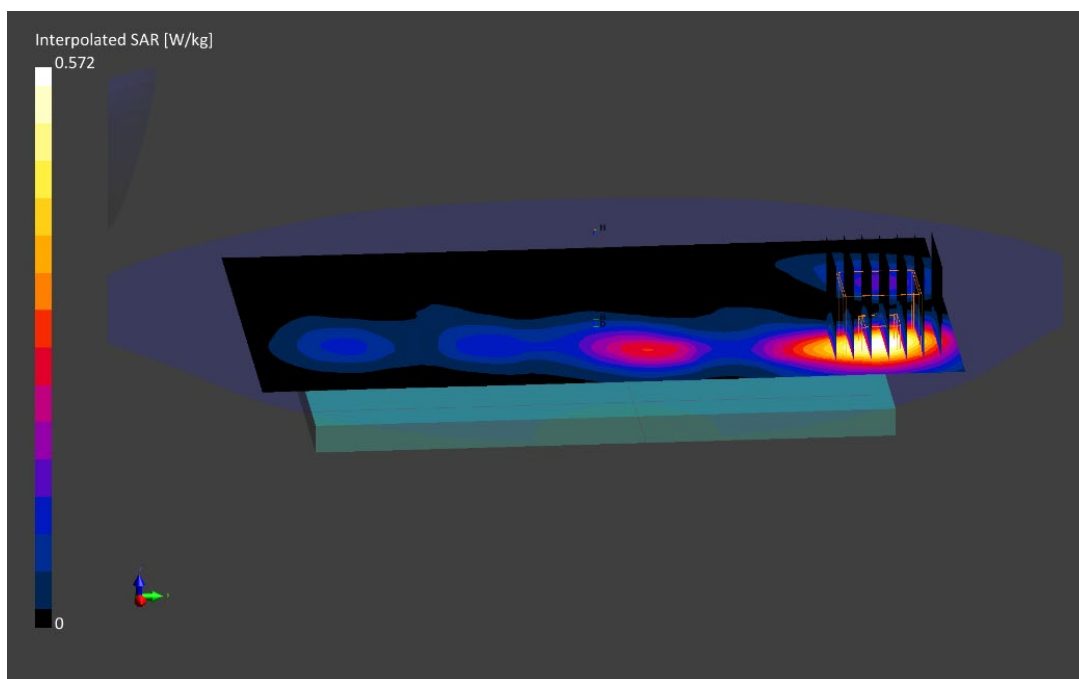
Area Scan (120.0 x 200.0): Measurement grid: $dx=10.0$ mm, $dy=10.0$ mm

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

Reference Value = 0.33 W/Kg; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 0.57 W/kg

SAR(1 g) = 0.242 W/kg



PCTEST

DUT: A3LSMF711U; Type: Portable Handset; Serial: 0831M

Communication System: UID:10866-AAD, 5G NR FR1 TDD; MAIA: Y; Frequency: 3750.0 MHz

Medium: 3600 Body; Medium parameters used:

$f = 3750.0$ MHz; $\text{cond} = 3.58$ S/m; $\text{perm} = 50.4$; $\text{density} = 1000$ kg/m³

Phantom Section: Flat; Space: 0.5 cm

Test Date: 06/03/2021; Ambient Temp: 23.0°C; Tissue Temp: 20.4°C

Probe: EX3DV4 - SN7539; ConvF:(6.48,6.48,6.48); Calibrated: 2020-10-20

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

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

Phantom: Twin-SAM V5.0 (Left); Serial: 1630

Measurement SW: cDASY6 Module SAR V6.14.0.959

**Mode: NR Band n77 Ant F Closed, Body SAR, Left Edge, 100 MHz Bandwidth
Ch. 650000, DFT-s-OFDM QPSK, 1 RB, 137 RB Offset**

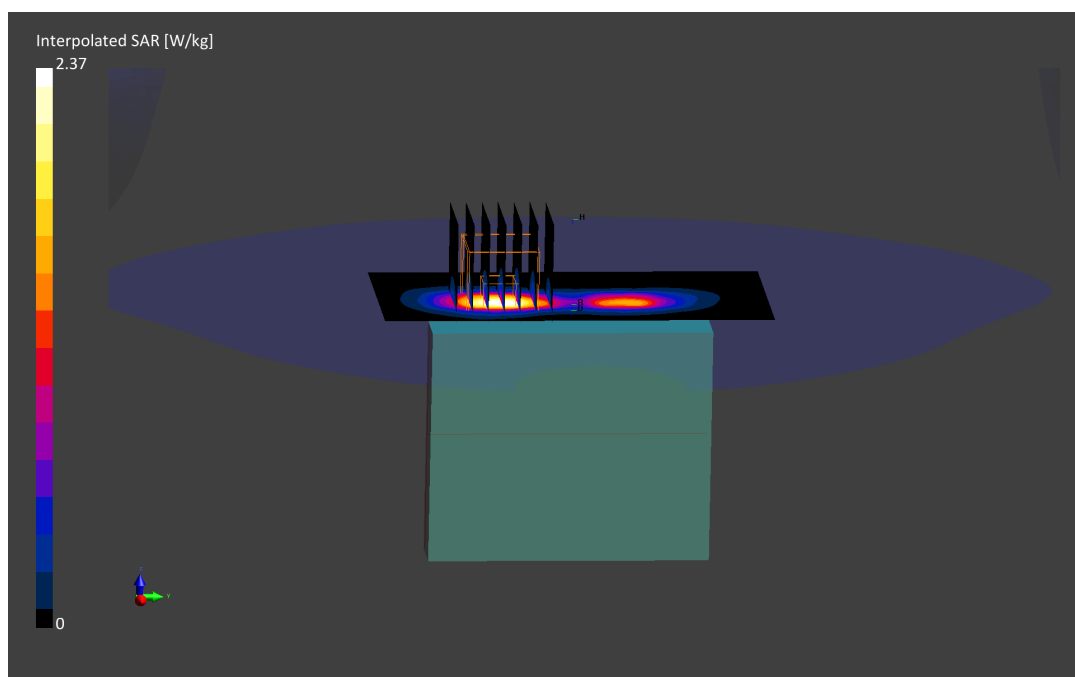
Area Scan (60.0 x 120.0): Measurement grid: $dx=10.0$ mm, $dy=10.0$ mm

Zoom Scan (28.0 x 28.0 x 28.0): Measurement grid: $dx=4.9$ mm, $dy=4.9$ mm, $dz=1.4$ mm; Graded Ratio: 1.5

Reference Value = 1.24 W/Kg; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 2.36 W/kg

SAR(1 g) = 0.881 W/kg



PCTEST

DUT: A3LSMF711U; Type: Portable Handset; Serial: 0115S

Communication System: UID:10415-AAA, WLAN; MAIA: Y; Frequency: 2437.0 MHz

Medium: 2450 Body; Medium parameters used:

f = 2437.0 MHz; cond = 2.02 S/m; perm = 51.3; density = 1000 kg/m³

Phantom Section: Flat; Space: 1.5 cm

Test Date: 05/06/2021; Ambient Temp: 22.6°C; Tissue Temp: 22.4°C

Probe: EX3DV4 - SN7538; ConvF:(7.44,7.44,7.44); Calibrated: 2020-11-23

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

Electronics: DAE4 Sn1449; Calibrated: 2020-09-10

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

Measurement SW: cDASY6 Module SAR V6.14.0.959

**Mode: IEEE 802.11b Open, 22 MHz Bandwidth, MIMO - N, Body SAR,
Back side, Ch. 6, 1 Mbps**

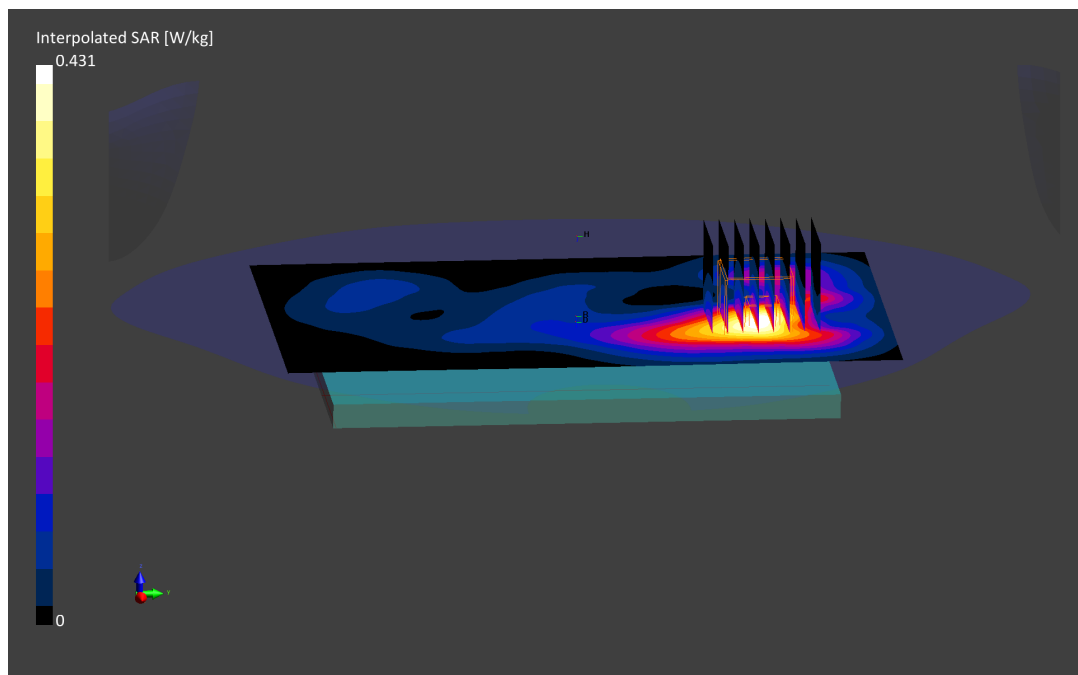
Area Scan (120.0 x 200.0): Measurement grid: dx=10.0mm, dy=10.0mm

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

Reference Value = 0.29 W/Kg; Power Drift = 0.00 dB

Peak SAR (extrapolated) = 0.42 W/kg

SAR(1 g) = 0.234 W/kg



PCTEST

DUT: A3LSMF711U; Type: Portable Handset; Serial: 1598S

Communication System: UID:10415-AAA, WLAN; MAIA: Y; Frequency: 2462.0 MHz

Medium: 2450 Body; Medium parameters used:

f = 2462.0 MHz; cond = 2.02 S/m; perm = 53.0; density = 1000 kg/m³

Phantom Section: Flat; Space: 0.5 cm

Test Date: 05/20/2021; Ambient Temp: 24.0°C; Tissue Temp: 21.7°C

Probe: EX3DV4 - SN7538; ConvF:(7.44,7.44,7.44); Calibrated: 2020-11-23

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

Electronics: DAE4 Sn1449; Calibrated: 2020-09-10

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

Measurement SW: cDASY6 Module SAR V6.14.0.959

**Mode: IEEE 802.11b Closed, 22 MHz Bandwidth, MIMO - N, Body SAR,
Left Edge, Ch. 11, 1 Mbps**

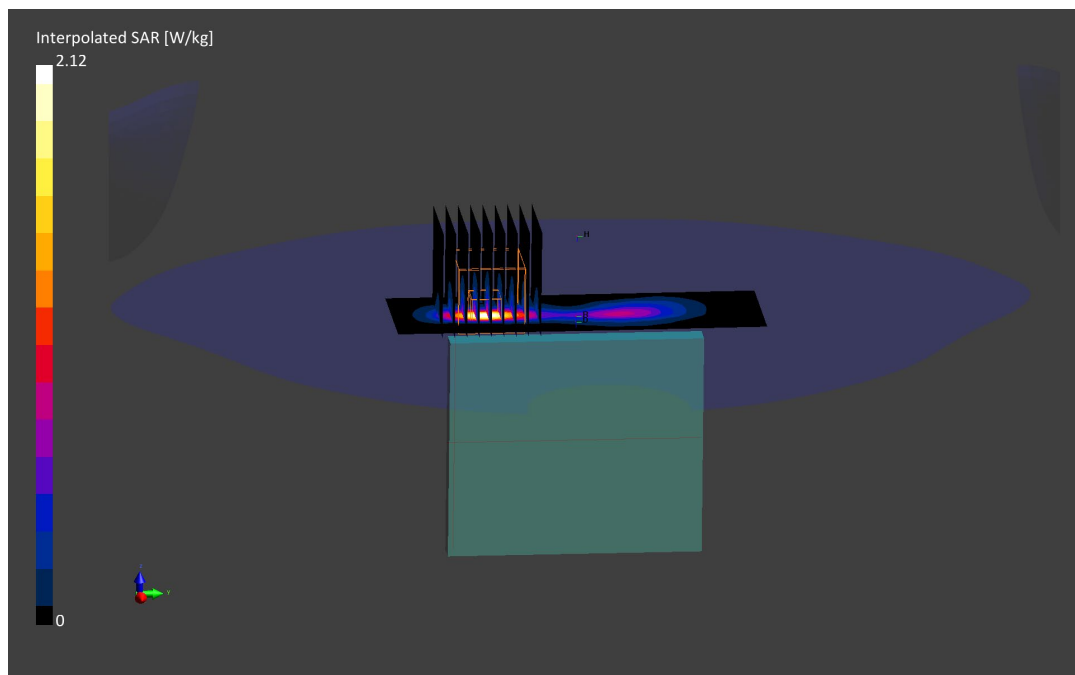
Area Scan (40.0 x 120.0): Measurement grid: dx=5.0mm, dy=10.0mm

Zoom Scan (30.0 x 30.0 x 30.0): Measurement grid: dx=4.0mm, dy=4.0mm, dz=1.4mm; Graded Ratio: 1.4

Reference Value = 1.18 W/Kg; Power Drift = -0.10 dB

Peak SAR (extrapolated) = 2.11 W/kg

SAR(1 g) = 0.767 W/kg



PCTEST

DUT: A3LSMF711U; Type: Portable Handset; Serial: 0677M

Communication System: UID:10196-CAD, WLAN; MAIA:Y; Frequency: 5620.0 MHz

Medium: 5200-5800 Body; Medium parameters used:

$f = 5620.0$ MHz; $\text{cond} = 5.82$ S/m; $\text{perm} = 47.6$; $\text{density} = 1000$ kg/m³

Phantom Section: Flat; Space: 1.5 cm

Test Date: 05/18/2021; Ambient Temp: 20.9°C; Tissue Temp: 22.2°C

Probe: EX3DV4 - SN7526; ConvF:(4.12,4.12,4.12); Calibrated: 2021-03-16

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

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

Phantom: Twin-SAM V5.0 (left); Serial: 1758

Measurement SW: cDASY6 Module SAR V6.14.0.959

**Mode: IEEE 802.11n Open, 20 MHz Bandwidth, UNII-2C, MIMO - N, Ch. 124,
Body SAR, Back side, 13 Mbps**

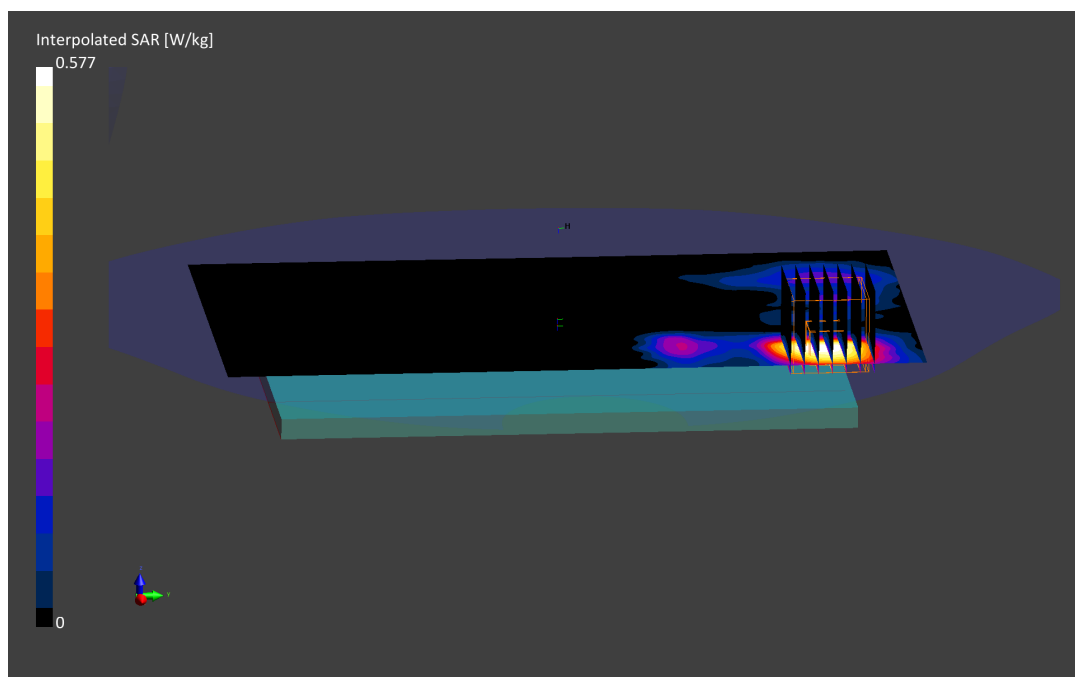
Area Scan (110.0 x 200.0): Measurement grid: $dx=5.0$ mm, $dy=10.0$ mm

Zoom Scan (22.0 x 22.0 x 22.0): Measurement grid: $dx=\text{mm}$, $dy=\text{mm}$, $dz=\text{mm}$; Graded Ratio:

Reference Value = 0.22 W/Kg; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.57 W/kg

SAR(1 g) = 0.145 W/kg



PCTEST

DUT: A3LSMF711U; Type: Portable Handset; Serial: 1600S

Communication System: UID:10196-CAD, WLAN; MAIA:Y; Frequency: 5785.0 MHz

Medium: 5200-5800 Body; Medium parameters used:

$f = 5785.0$ MHz; $\text{cond} = 6.04$ S/m; $\text{perm} = 47.4$; $\text{density} = 1000$ kg/m³

Phantom Section: Flat; Space: 0.5 cm

Test Date: 05/18/2021; Ambient Temp: 20.9°C; Tissue Temp: 22.2°C

Probe: EX3DV4 - SN7526; ConvF:(4.14,4.14,4.14); Calibrated: 2021-03-16

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

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

Phantom: Twin-SAM V5.0 (left); Serial: 1758

Measurement SW: cDASY6 Module SAR V6.14.0.959

Mode: IEEE 802.11n Closed, 20 MHz Bandwidth, UNII-3, MIMO - Q, Ch. 157
Body SAR, Front side, 13 Mbps

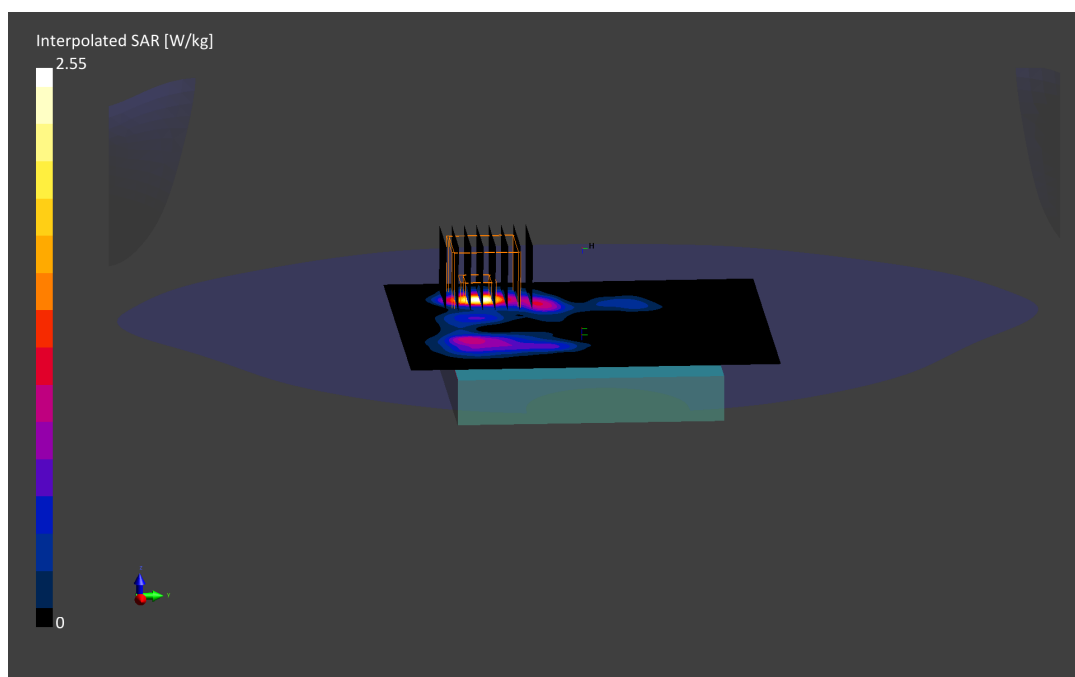
Area Scan (110.0 x 120.0): Measurement grid: $dx=10$ mm, $dy=10$ mm

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 = 0.84 W/Kg; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 2.54 W/kg

SAR(1 g) = 0.529 W/kg



PCTEST

DUT: A3LSMF711U; Type: Portable Handset; Serial: 2044M

Communication System: UID:10032-CAA, Bluetooth; MAIA: Y; Frequency: 2441.0 MHz

Medium: 2450 Body; Medium parameters used:

$f = 2441.0$ MHz; $\text{cond} = 2.03$ S/m; $\text{perm} = 50.9$; $\text{density} = 1000$ kg/m³

Phantom Section: Flat; Space: 1.5 cm

Test Date: 05/09/2021; Ambient Temp: 22.9°C; Tissue Temp: 21.4°C

Probe: EX3DV4 - SN7538; ConvF:(7.44,7.44,7.44); Calibrated: 2020-11-23

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

Electronics: DAE4 Sn1449; Calibrated: 2020-09-10

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

Measurement SW: cDASY6 Module SAR V6.14.0.959

Mode: Bluetooth Ant 1 – Q, Open, Body SAR, Ch. 39, 1Mbps, Back Side

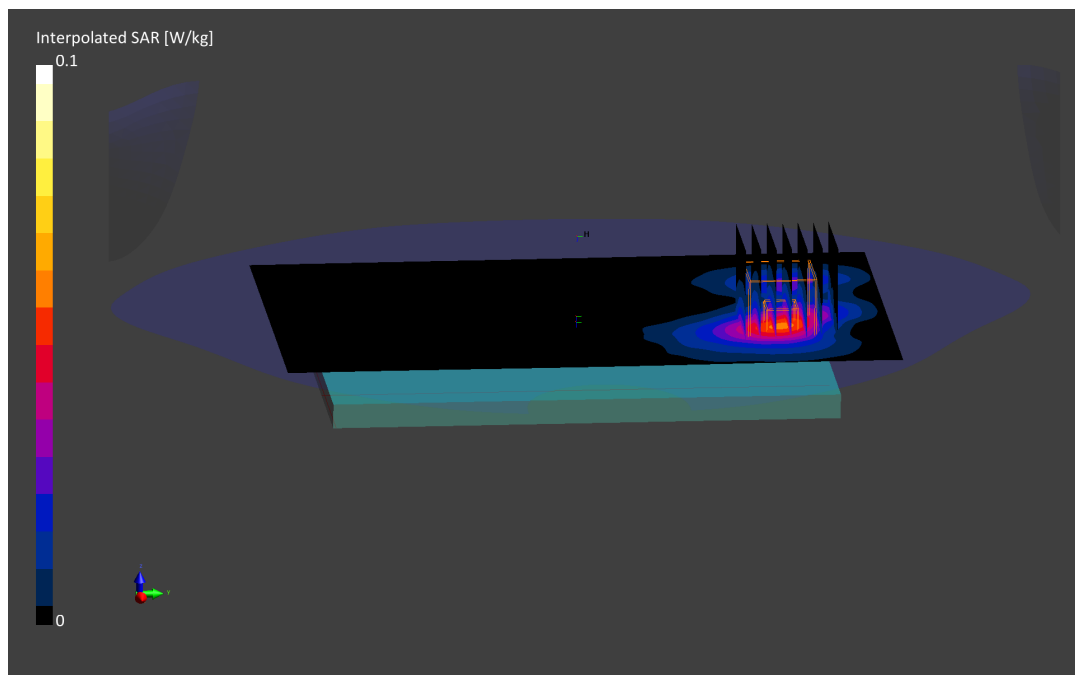
Area Scan (120.0 x 200.0): Measurement grid: $dx=10.0$ mm, $dy=10.0$ mm

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) = 0.08 W/kg

SAR(1 g) = 0.048 W/kg



PCTEST

DUT: A3LSMF711U; Type: Portable Handset; Serial: 0694M

Communication System: UID:10032-CAA, Bluetooth; MAIA: Y; Frequency: 2480.0 MHz

Medium: 2450 Body; Medium parameters used:

$f = 2480.0$ MHz; $\text{cond} = 2.00$ S/m; $\text{perm} = 52.5$; $\text{density} = 1000$ kg/m³

Phantom Section: Flat; Space: 0.5 cm

Test Date: 05/26/2021; Ambient Temp: 23.5°C; Tissue Temp: 23.0°C

Probe: EX3DV4 - SN7538; ConvF:(7.44,7.44,7.44); Calibrated: 2020-11-23

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

Electronics: DAE4 Sn1449; Calibrated: 2020-09-10

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

Measurement SW: cDASY6 Module SAR V6.14.0.959

Mode: Bluetooth Ant 2 – N, Closed, Body SAR, Left Edge, Ch. 78, 1Mbps

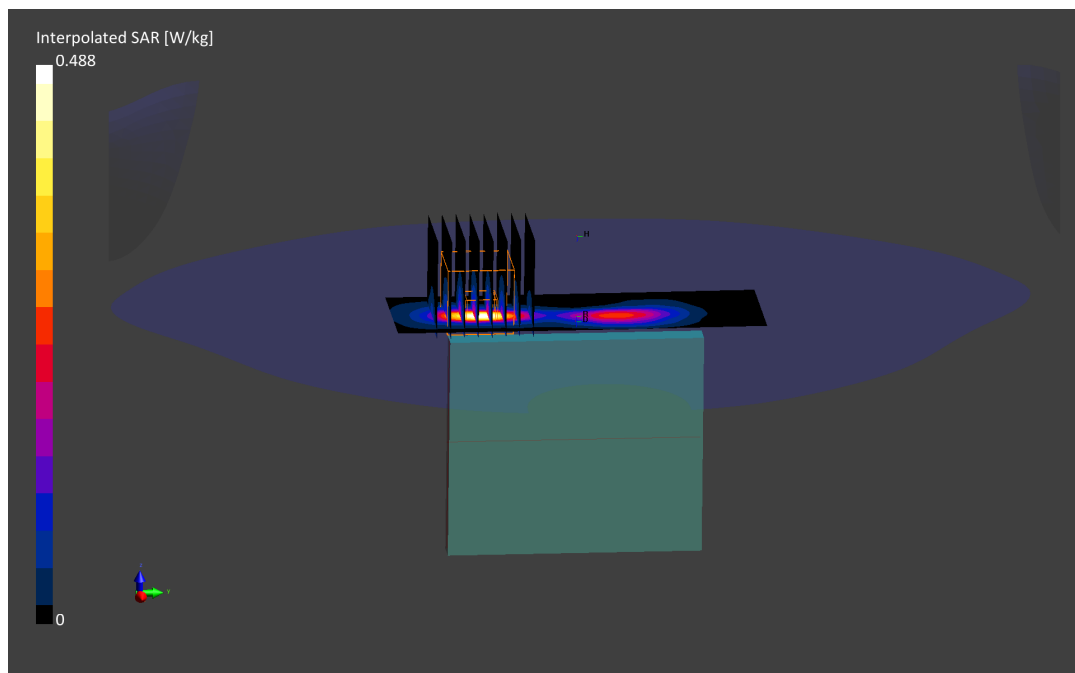
Area Scan (40.0 x 120.0): Measurement grid: $dx=5.0$ mm, $dy=10.0$ mm

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

Reference Value = 0.28 W/Kg; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 0.48 W/kg

SAR(1 g) = 0.197 W/kg



PCTEST

DUT: A3LSMF711U; Type: Portable Handset; Serial: 0765M

Communication System: UID 0, CDMA; Frequency: 1851.25 MHz; Duty Cycle: 1:1

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

$f = 1851.25 \text{ MHz}$; $\sigma = 1.507 \text{ S/m}$; $\epsilon_r = 53.259$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section; Space: 0.6 cm

Test Date: 05/19/2021; Ambient Temp: 23.7°C; Tissue Temp: 22.5°C

Probe: EX3DV4 - SN3589; ConvF(6.84, 6.84, 6.84) @ 1851.25 MHz; Calibrated: 1/20/2021

Sensor-Surface: 1.4mm (Mechanical Surface Detection)

Electronics: DAE4 Sn1558; Calibrated: 1/13/2021

Phantom: Twin-SAM V5.0 (30); Type: QD 000 P40 CD; Serial: 1646

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

Mode: PCS EVDO, Phablet SAR, Front side, Low.ch

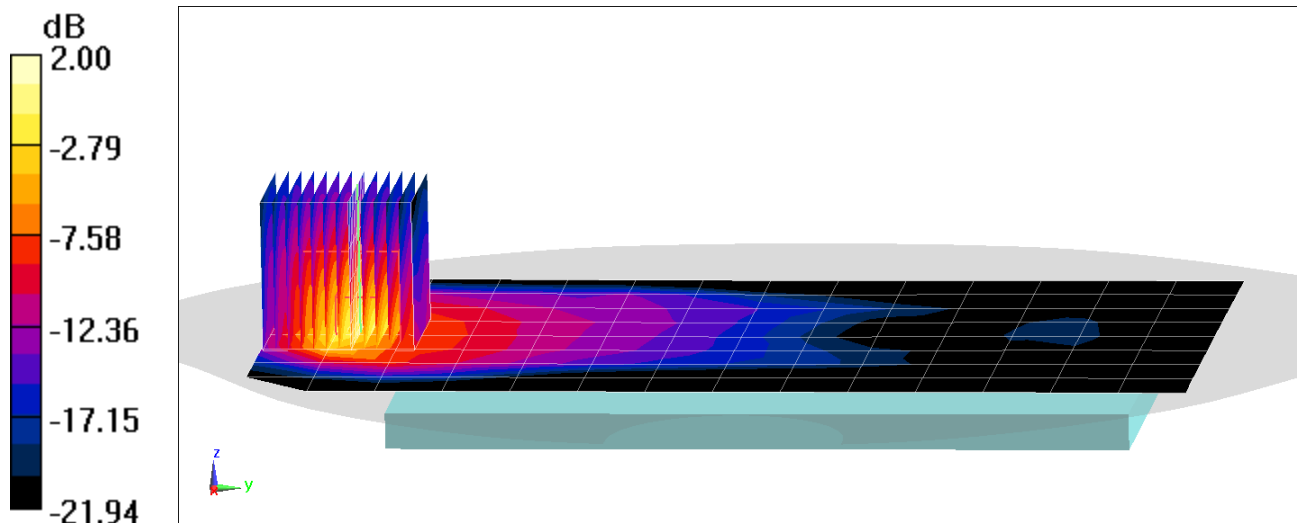
Area Scan (9x15x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Zoom Scan (13x13x8)/Cube 0: Measurement grid: $dx=2.8\text{mm}$, $dy=2.8\text{mm}$, $dz=1.4\text{mm}$; Graded Ratio: 1.4

Reference Value = 40.58 V/m; Power Drift = 0.11 dB

Peak SAR (extrapolated) = 4.74 W/kg

SAR(10 g) = 1.09 W/kg



0 dB = 3.67 W/kg = 5.65 dBW/kg

PCTEST

DUT: A3LSMF711U; Type: Portable Handset; Serial: 0760M

Communication System: UID 0, GSM GPRS; 4 Tx slots; Frequency: 1880 MHz; Duty Cycle: 1:2.076

Medium: 1900 Body; Medium parameters used:

$f = 1880 \text{ MHz}$; $\sigma = 1.546 \text{ S/m}$; $\epsilon_r = 52.157$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section; Space: 0.0 cm

Test Date: 05/22/2021; Ambient Temp: 24.0°C; Tissue Temp: 22.3°C

Probe: EX3DV4 - SN3589; ConvF(6.84, 6.84, 6.84) @ 1880 MHz; Calibrated: 1/20/2021

Sensor-Surface: 1.4mm (Mechanical Surface Detection)

Electronics: DAE4 Sn1558; Calibrated: 1/13/2021

Phantom: Twin-SAM V5.0 (30); Type: QD 000 P40 CD; Serial: 1646

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

Mode: GPRS 1900, Phablet SAR, Back side, Mid.ch, 4 Tx Slots

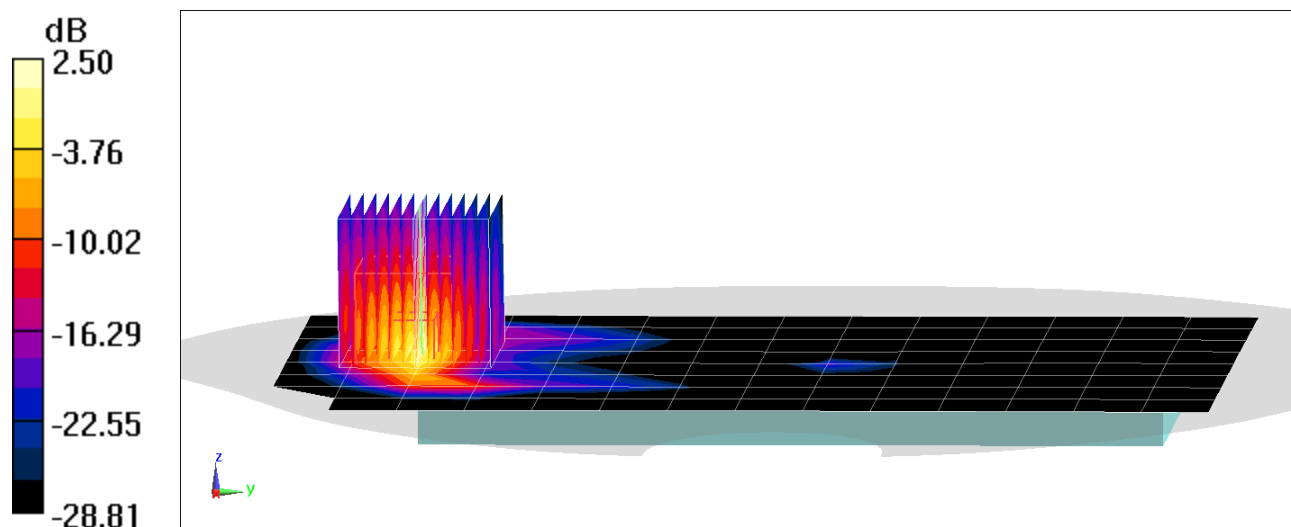
Area Scan (9x15x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Zoom Scan (13x13x8)/Cube 0: Measurement grid: $dx=2.8\text{mm}$, $dy=2.8\text{mm}$, $dz=1.4\text{mm}$; Graded Ratio: 1.4

Reference Value = 52.89 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 11.1 W/kg

SAR(10 g) = 1.52 W/kg



0 dB = 7.40 W/kg = 8.69 dBW/kg

PCTEST

DUT: A3LSMF711U; Type: Portable Handset; Serial: 0765M

Communication System: UID 0, UMTS; Frequency: 1752.6 MHz; Duty Cycle: 1:1

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

$f = 1752.6$ MHz; $\sigma = 1.467$ S/m; $\epsilon_r = 50.876$; $\rho = 1000$ kg/m³

Phantom section: Flat Section; Space: 0.0 cm

Test Date: 05/06/2021; Ambient Temp: 21.7°C; Tissue Temp: 21.1°C

Probe: EX3DV4 - SN7410; ConvF(8.17, 8.17, 8.17) @ 1752.6 MHz; Calibrated: 7/20/2020

Sensor-Surface: 1.4mm (Mechanical Surface Detection)

Electronics: DAE4 Sn1322; Calibrated: 7/15/2020

Phantom: Twin-SAM V5.0 Left 20; Type: QD 000 P40 CD; Serial: 1715

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

Mode: UMTS 1750, Phablet SAR, Back side, High.ch

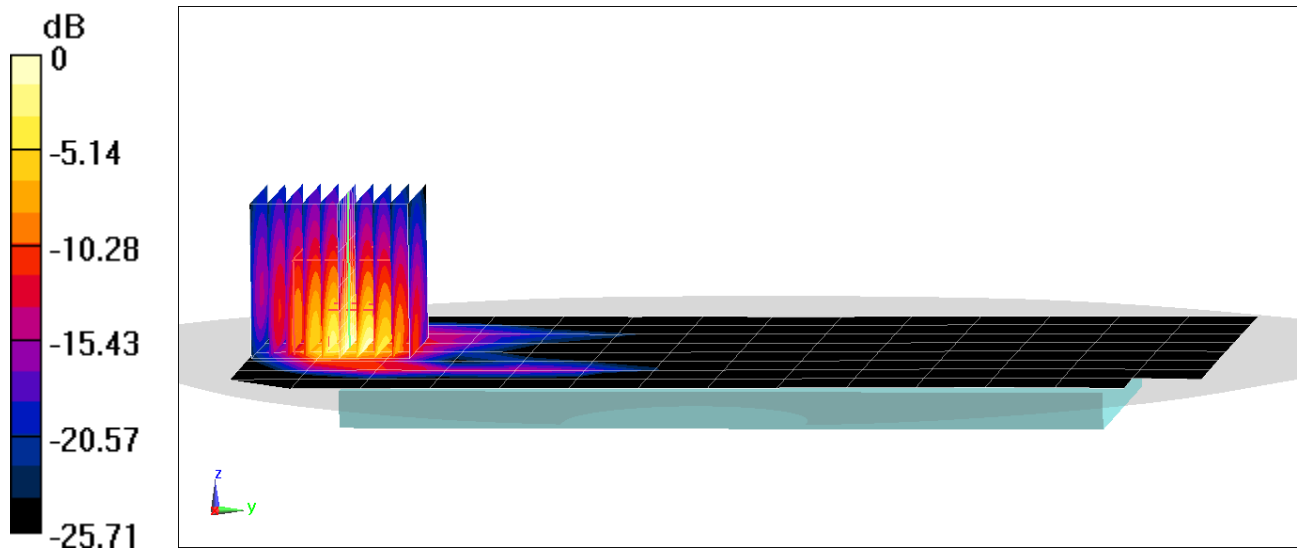
Area Scan (9x15x1): Measurement grid: dx=15mm, dy=15mm

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

Reference Value = 56.94 V/m; Power Drift = 0.10 dB

Peak SAR (extrapolated) = 12.6 W/kg

SAR(10 g) = 1.86 W/kg



0 dB = 8.27 W/kg = 9.18 dBW/kg

PCTEST

DUT: A3LSMF711U; Type: Portable Handset; Serial: 0765M

Communication System: UID 0, UMTS; Frequency: 1852.4 MHz; Duty Cycle: 1:1

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

$f = 1852.4$ MHz; $\sigma = 1.494$ S/m; $\epsilon_r = 51.887$; $\rho = 1000$ kg/m³

Phantom section: Flat Section; Space: 0.0 cm

Test Date: 05/02/2021; Ambient Temp: 22.0°C; Tissue Temp: 22.5°C

Probe: EX3DV4 - SN3589; ConvF(6.84, 6.84, 6.84) @ 1852.4 MHz; Calibrated: 1/20/2021

Sensor-Surface: 1.4mm (Mechanical Surface Detection)

Electronics: DAE4 Sn1558; Calibrated: 1/13/2021

Phantom: Twin-SAM V5.0 (30); Type: QD 000 P40 CD; Serial: 1646

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

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

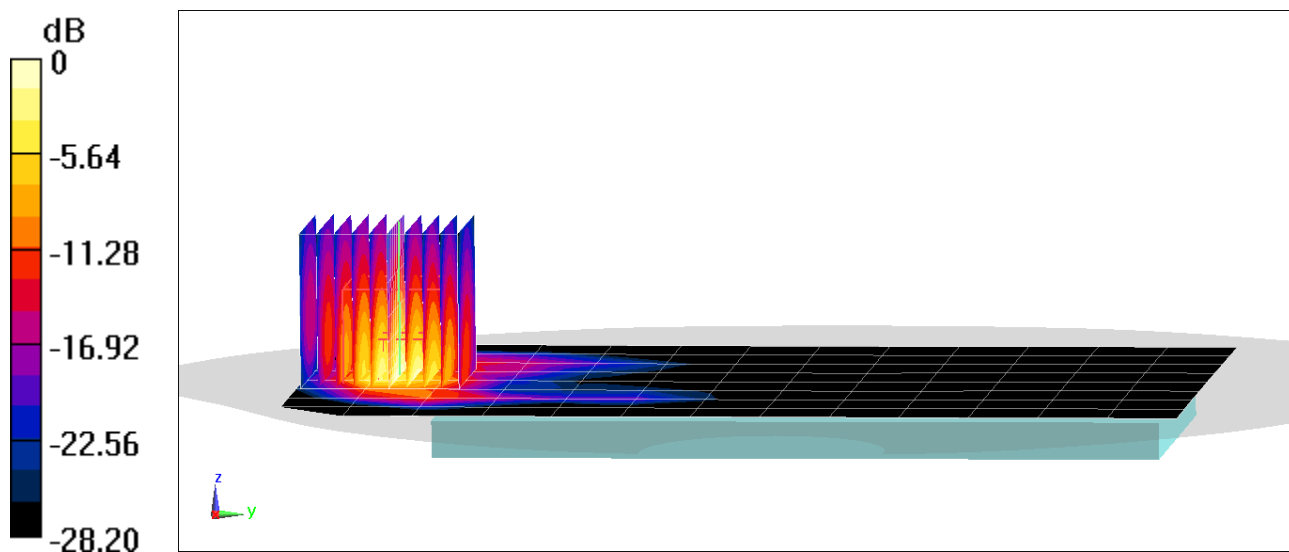
Area Scan (9x14x1): Measurement grid: dx=15mm, dy=15mm

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

Reference Value = 66.71 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 17.6 W/kg

SAR(10 g) = 2.54 W/kg



PCTEST

DUT: A3LSMF711U; Type: Portable Handset; Serial: 1916M

Communication System: UID 0, LTE Band 66 (AWS); Frequency: 1745 MHz; Duty Cycle: 1:1

Medium: 1750 Body; Medium parameters used:

$f = 1745 \text{ MHz}$; $\sigma = 1.529 \text{ S/m}$; $\epsilon_r = 51.122$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section; Space: 0.0 cm

Test Date: 05/02/2021; Ambient Temp: 20.9°C; Tissue Temp: 21.0°C

Probe: EX3DV4 - SN7410; ConvF(8.17, 8.17, 8.17) @ 1745 MHz; Calibrated: 7/20/2020

Sensor-Surface: 1.4mm (Mechanical Surface Detection)

Electronics: DAE4 Sn1322; Calibrated: 7/15/2020

Phantom: Twin-SAM V5.0 Left 20; Type: QD 000 P40 CD; Serial: 1715

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

Mode: LTE Band 66 (AWS), Phablet SAR, Back side

PCC: 10 MHz Bandwidth, QPSK, Ch. 132322, 1 RB, 49 RB Offset

SCC: 10 MHz Bandwidth, QPSK, Ch. 132421, 1 RB, 0 RB Offset

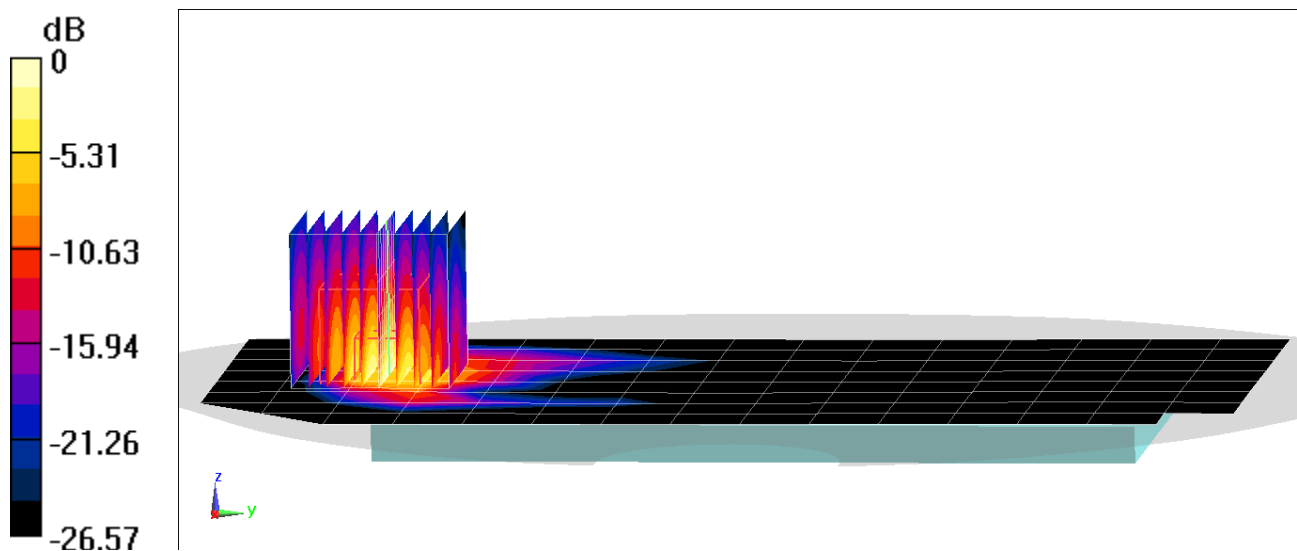
Area Scan (9x16x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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 = 74.66 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 21.3 W/kg

SAR(10 g) = 2.92 W/kg



0 dB = 14.6 W/kg = 11.64 dBW/kg

PCTEST

DUT: A3LSMF711U; Type: Portable Handset; Serial: 0748M

Communication System: UID 0, LTE Band 25 (PCS); Frequency: 1882.5 MHz; Duty Cycle: 1:1

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

$f = 1882.5 \text{ MHz}$; $\sigma = 1.534 \text{ S/m}$; $\epsilon_r = 52.075$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section; Space: 0.0 cm

Test Date: 04/28/2021; Ambient Temp: 23.4°C; Tissue Temp: 22.3°C

Probe: EX3DV4 - SN3589; ConvF(6.84, 6.84, 6.84) @ 1882.5 MHz; Calibrated: 1/20/2021

Sensor-Surface: 1.4mm (Mechanical Surface Detection)

Electronics: DAE4 Sn1558; Calibrated: 1/13/2021

Phantom: Twin-SAM V5.0 (30); Type: QD 000 P40 CD; Serial: 1646

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

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

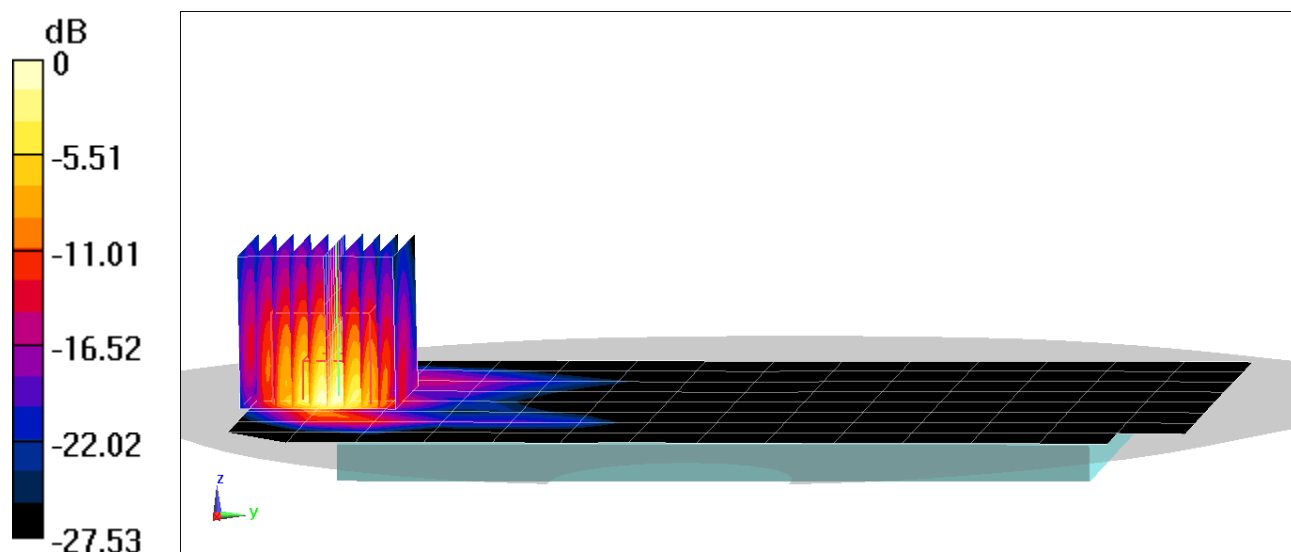
Area Scan (9x15x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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 = 72.50 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 19.6 W/kg

SAR(10 g) = 2.65 W/kg



0 dB = 13.2 W/kg = 11.21 dBW/kg

PCTEST

DUT: A3LSMF711U; Type: Portable Handset; Serial: 0748M

Communication System: UID:10154-CAG, LTE-FDD; MAIA: Y; Frequency: 2310.0 MHz

Medium: 2450 Body; Medium parameters used:

$f = 2310.0$ MHz; $\text{cond} = 1.87$ S/m; $\text{perm} = 51.1$; $\text{density} = 1000$ kg/m³

Phantom Section: Flat; Space: 0.0 cm

Test Date: 04/11/2021; Ambient Temp: 24.0°C; Tissue Temp: 22.3°C

Probe: EX3DV4 - SN7538; ConvF:(7.62,7.62,7.62); Calibrated: 2020-11-23

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

Electronics: DAE4 Sn1449; Calibrated: 2020-09-10

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

Measurement SW: cDASY6 Module SAR V6.14.0.959

**Mode: LTE Band 30, Phablet SAR, Bottom Edge, Mid.ch, 10 MHz Bandwidth,
QPSK, 25 RB, 12 RB Offset**

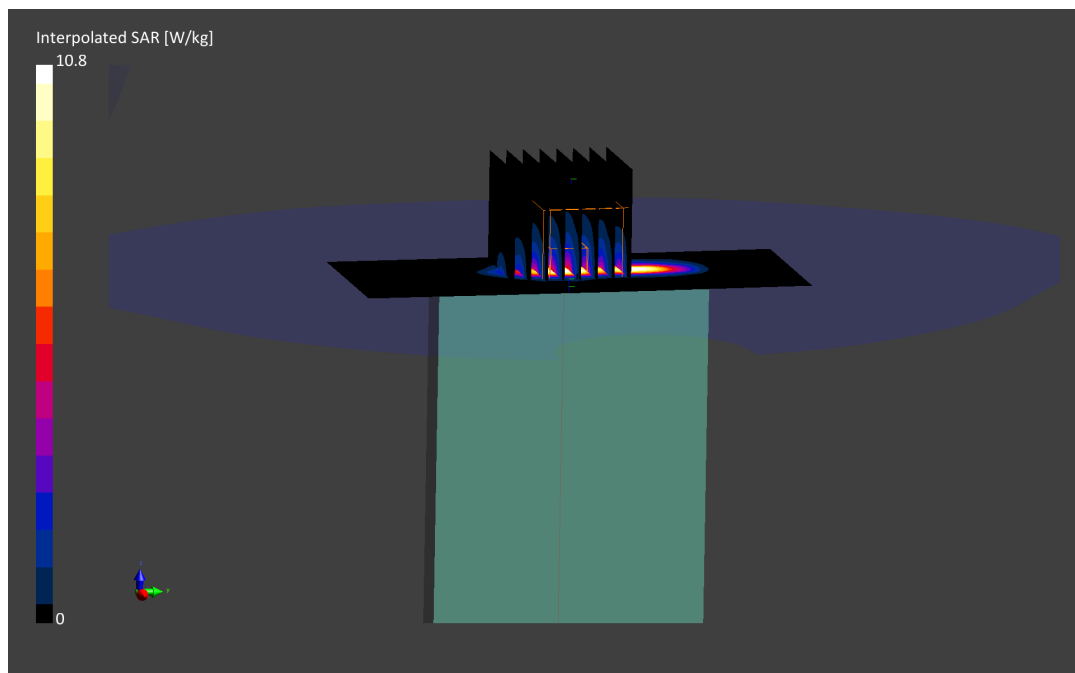
Area Scan (50.0 x 120.0): Measurement grid: $dx=5.0$ mm, $dy=10.0$ mm

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

Reference Value = 5.77 W/Kg; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 10.75 W/kg

SAR(10 g) = 1.57 W/kg



PCTEST

DUT: A3LSMF711U; Type: Portable Handset; Serial: 0126M

Communication System: UID:10297-AAD, LTE-FDD; MAIA: Y; Frequency: 2560.0 MHz

Medium: 2450 Body; Medium parameters used:

f = 2560.0 MHz; cond = 2.15 S/m; perm = 51.5; density = 1000 kg/m³

Phantom Section: Flat; Space: 0.0 cm

Test Date: 04/15/2021; Ambient Temp: 20.5°C; Tissue Temp: 22.0°C

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

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

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

Phantom: Twin-SAM V5.0 (Left); Serial: 1630

Measurement SW: cDASY6 Module SAR V6.14.0.959

**Mode: LTE Band 7, Phablet SAR, Bottom Edge, High.ch, 20 MHz Bandwidth,
QPSK, 50 RB, 25 RB Offset**

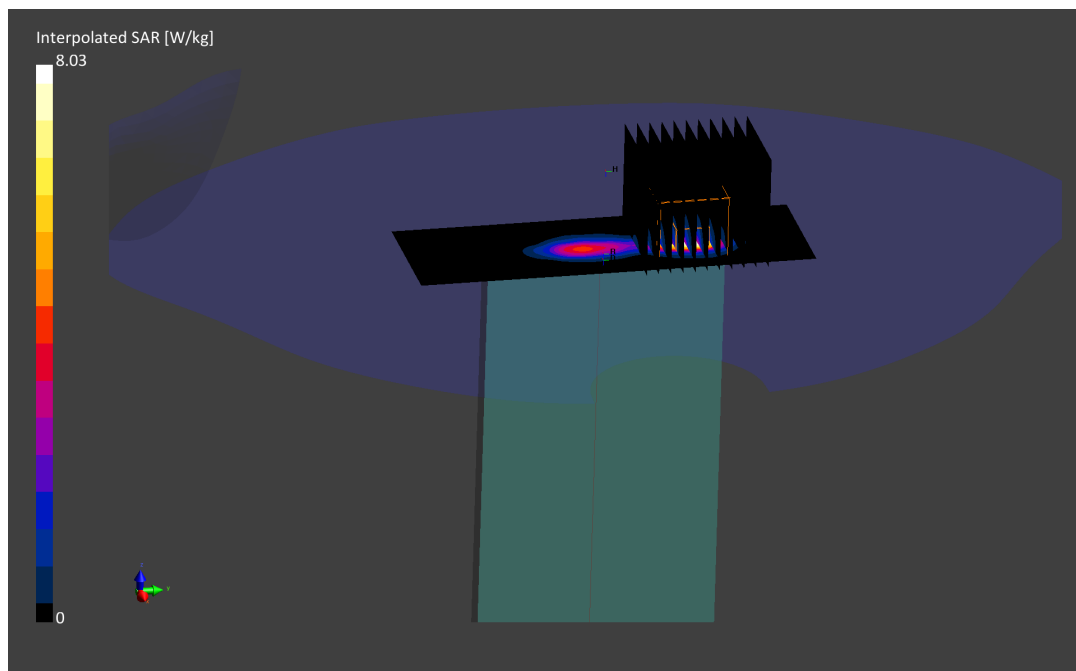
Area Scan (50.0 x 80.0): Measurement grid: dx=5.0mm, dy=10.0mm

Zoom Scan (30.0 x 30.0 x 30.0): Measurement grid: dx=3.7mm, dy=3.7mm, dz=1.4mm; Graded Ratio: 1.4

Reference Value = 8.06 W/Kg; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 20.06 W/kg

SAR(10 g) = 1.49 W/kg



PCTEST

DUT: A3LSMF711U; Type: Portable Handset; Serial: 0123M

Communication System: UID:10151-CAG, LTE-TDD; MAIA: Y; Frequency: 2680.0 MHz

Medium: 2450 Body; Medium parameters used:

$f = 2680.0$ MHz; $\text{cond} = 2.33$ S/m; $\text{perm} = 51.5$; $\text{density} = 1000$ kg/m³

Phantom Section: Flat; Space: 0.0 cm

Test Date: 04/18/2021; Ambient Temp: 22.9°C; Tissue Temp: 22.3°C

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

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

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

Phantom: Twin-SAM V5.0 (Left); Serial: 1630

Measurement SW: cDASY6 Module SAR V6.14.0.959

Mode: LTE Band 41 ULCA PC2, Phablet SAR, Back Side

PCC: 20 MHz Bandwidth, QPSK, Ch. 41490, 50 RB, 0 RB Offset

SCC: 20 MHz Bandwidth, QPSK, Ch. 41292, 50 RB, 50 RB Offset

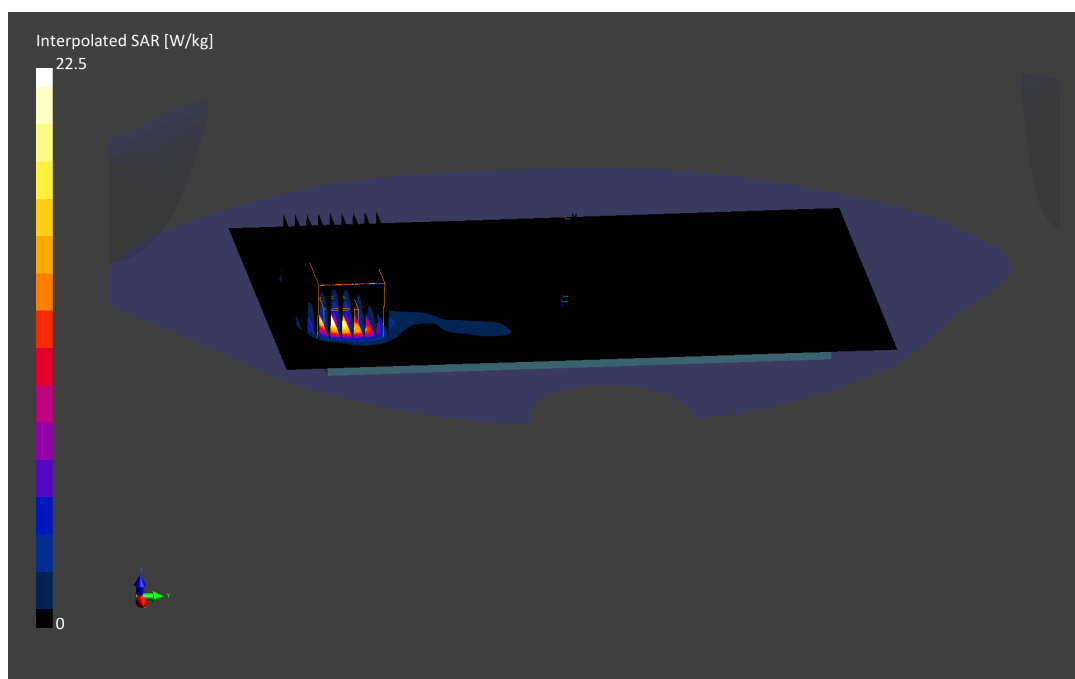
Area Scan (120.0 x 200.0): Measurement grid: $dx=10.0$ mm, $dy=10.0$ mm

Zoom Scan (30.0 x 30.0 x 30.0): Measurement grid: $dx=3.8$ mm, $dy=3.8$ mm, $dz=1.4$ mm; Graded Ratio: 1.4

Reference Value = 11.4 W/Kg; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 22.5 W/kg

SAR(10 g) = 2.25 W/kg



PCTEST

DUT: A3LSMF711U; Type: Portable Handset; Serial: 0879M

Communication System: UID 0, NR Band n66; Frequency: 1745 MHz; Duty Cycle: 1:1

Medium: 1750 Body; Medium parameters used:

$f = 1745 \text{ MHz}$; $\sigma = 1.539 \text{ S/m}$; $\epsilon_r = 51.912$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section; Space: 0.0 cm

Test Date: 05/18/2021; Ambient Temp: 23.0°C; Tissue Temp: 21.1°C

Probe: EX3DV4 - SN7410; ConvF(8.17, 8.17, 8.17) @ 1745 MHz; Calibrated: 7/20/2020

Sensor-Surface: 1.4mm (Mechanical Surface Detection)

Electronics: DAE4 Sn1322; Calibrated: 7/15/2020

Phantom: Twin-SAM V5.0 Left 20; Type: QD 000 P40 CD; Serial: 1715

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

**Mode: NR Band n66 Ant I, Phablet SAR, Right Edge, 40 MHz Bandwidth,
CP-OFDM QPSK, Ch. 349000, 1 RB, 1 RB**

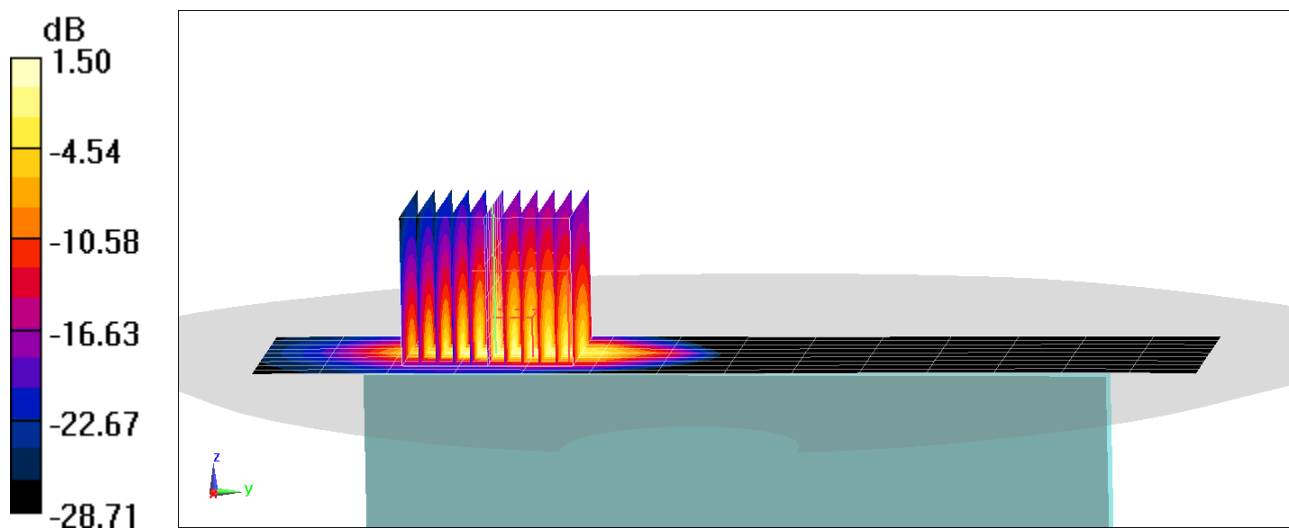
Area Scan (10x15x1): Measurement grid: dx=5mm, dy=15mm

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

Reference Value = 70.05 W/kg; Power Drift = -0.14 dB

Peak SAR (extrapolated) = 19.7 W/kg

SAR(10 g) = 2.73 W/kg



PCTEST

DUT: A3LSMF711U; Type: Portable Handset; Serial: 0195M

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; $\sigma = 1.549$ S/m; $\epsilon_r = 52.149$; $\rho = 1000$ kg/m³

Phantom section: Flat Section; Space: 0.0 cm

Test Date: 05/22/2021; Ambient Temp: 24.0°C; Tissue Temp: 22.3°C

Probe: EX3DV4 - SN3589; ConvF(6.84, 6.84, 6.84) @ 1882.5 MHz; Calibrated: 1/20/2021

Sensor-Surface: 1.4mm (Mechanical Surface Detection)

Electronics: DAE4 Sn1558; Calibrated: 1/13/2021

Phantom: Twin-SAM V5.0 (30); Type: QD 000 P40 CD; Serial: 1646

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

**Mode: NR Band n25 Ant A, Phablet SAR, Back Side, 20 MHz Bandwidth,
CP-OFDM, QPSK, Ch. 376500, 1 RB, 1 RB Offset**

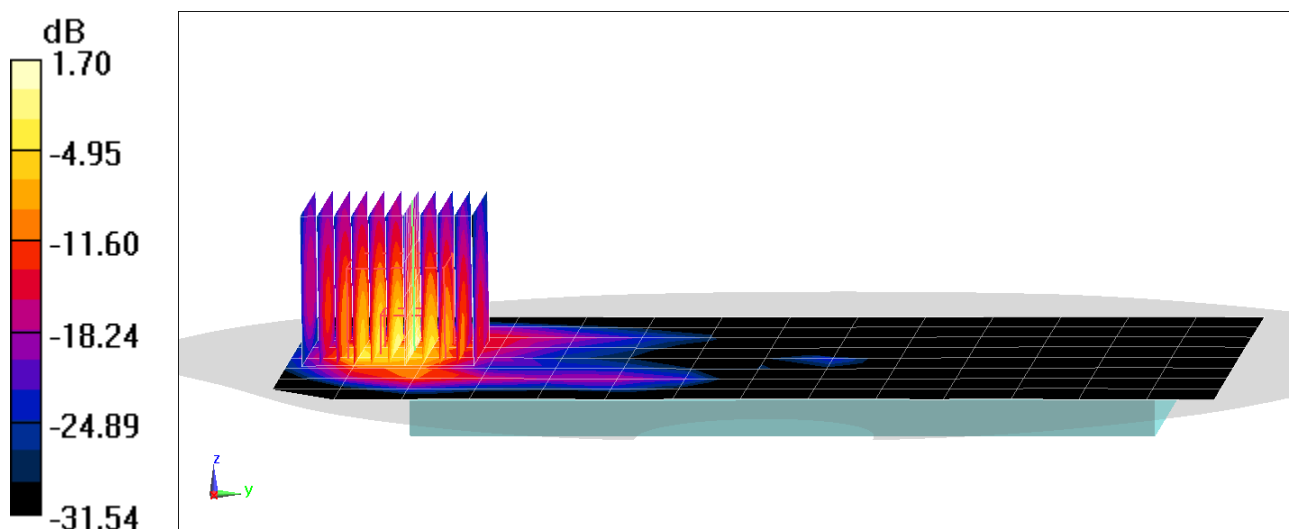
Area Scan (9x15x1): Measurement grid: dx=15mm, dy=15mm

Zoom Scan (11x11x8)/Cube 0: Measurement grid: dx=3.8mm, dy=3.8mm, dz=1.4mm; Graded Ratio: 1.4

Reference Value = 56.20 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 19.2 W/kg

SAR(10 g) = 2.64 W/kg



PCTEST

DUT: A3LSMF711U; Type: Portable Handset; Serial: 0181M

Communication System: UID:10937-AAB, 5G NR FR1 FDD; MAIA:Y; Frequency: 2310.0 MHz

Medium: 2450 Body; Medium parameters used:

$f = 2310.0$ MHz; $\text{cond} = 1.80$ S/m; $\text{perm} = 53.2$; $\text{density} = 1000$ kg/m³

Phantom Section: Flat; Space: 0.0 cm

Test Date: 04/26/2021; Ambient Temp: 23.5°C; Tissue Temp: 23.0°C

Probe: EX3DV4 - SN7539; ConvF:(7.64,7.64,7.64); Calibrated: 2020-10-20

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

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

Phantom: Twin-SAM V5.0 (Left); Serial: 1630

Measurement SW: cDASY6 Module SAR V6.14.0.959

**Mode: NR Band n30, Phablet SAR, Back side, 10 MHz Bandwidth,
DFT-s-OFDM, QPSK, Ch. 462000, 25 RB, 14 RB Offset**

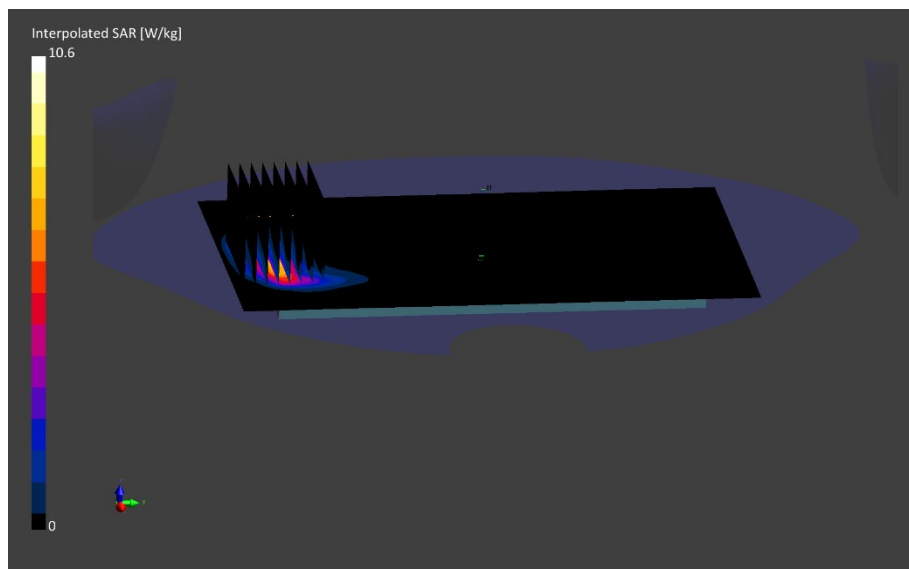
Area Scan (120.0 x 200.0): Measurement grid: $dx=10.0$ mm, $dy=10.0$ mm

Zoom Scan (30.0 x 30.0 x30.0): Measurement grid: $dx=4.5$ mm, $dy=4.5$ mm, $dz=1.5$ mm; Graded Ratio: 1.2

Reference Value = 5.65 W/Kg; Power Drift = 0.00 dB

Peak SAR (extrapolated) = 10.6 W/kg

SAR(10 g) = 1.64 W/kg



PCTEST

DUT: A3LSMF711U; Type: Portable Handset; Serial: 0897M

Communication System: UID 0, NR Band n41 Full DC; Frequency: 2592.99 MHz; Duty Cycle: 1:1

Medium: 2450 Body; Medium parameters used (interpolated):

$f = 2592.99$ MHz; $\sigma = 2.124$ S/m; $\epsilon_r = 50.288$; $\rho = 1000$ kg/m³

Phantom section: Flat Section; Space: 0.0 cm

Test Date: 05/22/2021; Ambient Temp: 24.3°C; Tissue Temp: 23.0°C

Probe: EX3DV4 - SN7571; ConvF(7.19, 7.19, 7.19) @ 2592.99 MHz; Calibrated: 12/11/2020

Sensor-Surface: 1.4mm (Mechanical Surface Detection)

Electronics: DAE4 Sn1533; Calibrated: 12/7/2020

Phantom: SAM 5.0 front; Type: QD000P40CD; Serial: 1648

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

**Mode: NR Band n41, Phablet SAR, Front Side, 100 MHz Bandwidth,
DFT-s-OFDM QPSK, Ch. 518598, 135 RB, 0 RB Offset**

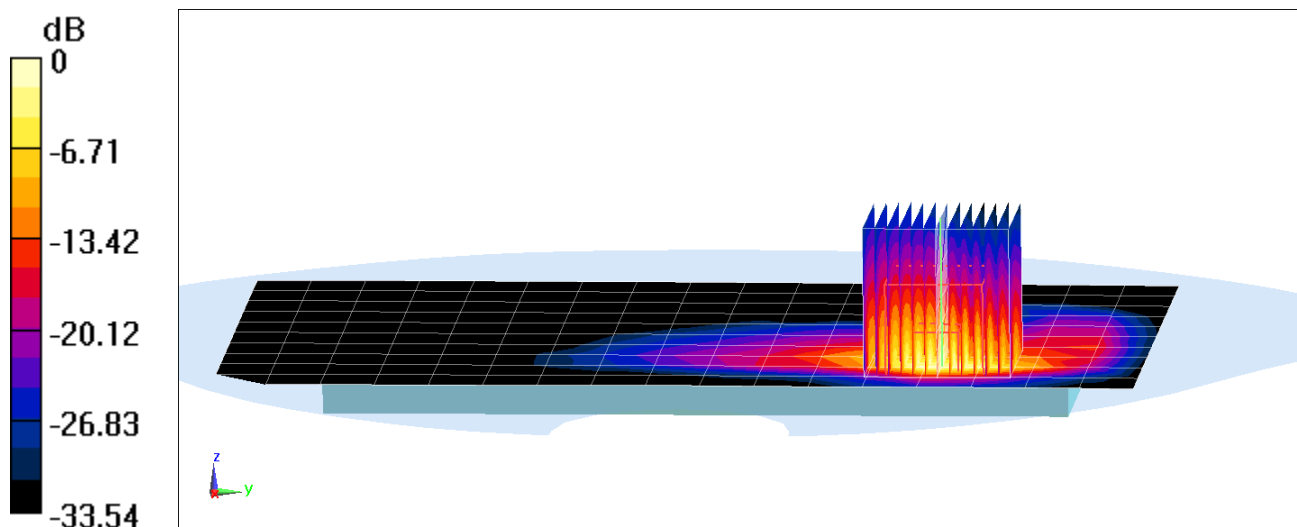
Area Scan (11x18x1): Measurement grid: dx=12mm, dy=12mm

Zoom Scan (13x13x8)/Cube 0: Measurement grid: dx=2.7mm, dy=2.7mm, dz=1.4mm; Graded Ratio: 1.4

Reference Value = 56.14 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 24.7 W/kg

SAR(10 g) = 1.85 W/kg



0 dB = 14.7 W/kg = 11.67 dBW/kg

PCTEST

DUT: A3LSMF711U; Type: Portable Handset; Serial: 0641M

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; $\text{cond} = 3.26$ S/m; $\text{perm} = 50.8$; $\text{density} = 1000$ kg/m³

Phantom Section: Flat; Space: 0.0 cm

Test Date: 06/03/2021; Ambient Temp: 23.0°C; Tissue Temp: 20.4°C

Probe: EX3DV4 - SN7539; ConvF:(6.5,6.5,6.5); Calibrated: 2020-10-20

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

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

Phantom: Twin-SAM V5.0 (Left); Serial: 1630

Measurement SW: cDASY6 Module SAR V6.14.0.959

**Mode: NR Band n77 DoD, Body SAR, Left Edge, 100 MHz Bandwidth, Ch. 633334,
CP-OFDM QPSK, 1 RB, 1 RB Offset**

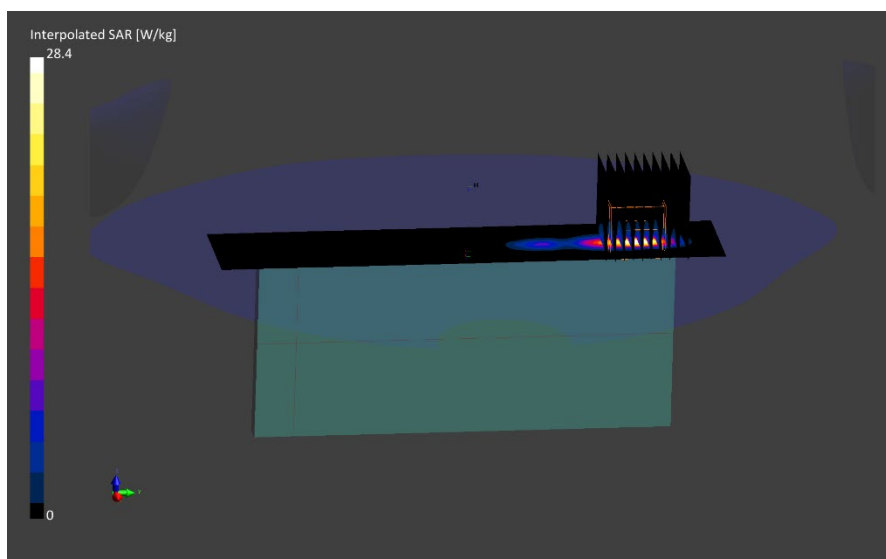
Area Scan (40.0 x 200.0): Measurement grid: $dx=5.0$ mm, $dy=10.0$ mm

Zoom Scan (28.0 x 28.0 x 28.0): Measurement grid: $dx=3.6$ mm, $dy=3.6$ mm, $dz=1.4$ mm; Graded Ratio: 1.4

Reference Value = 11.42 W/Kg; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 28.3 W/kg

SAR(10 g) = 2.27 W/kg



PCTEST

DUT: A3LSMF711U; Type: Portable Handset; Serial: 0641M

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; cond = 3.78 S/m; perm = 49.1; density = 1000 kg/m³

Phantom Section: Flat; Space: 0.0 cm

Test Date: 05/31/2021; Ambient Temp: 22.0°C; Tissue Temp: 22.0°C

Probe: EX3DV4 - SN7551; ConvF:(5.95,5.95,5.95); Calibrated: 2020-10-20

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

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

Phantom: Twin-SAM V5.0 back right; Serial: 1692

Measurement SW: cDASY6 Module SAR V6.14.0.959

**Mode: NR Band n77, Body SAR, Left edge, Ch. 662000, 100 MHz Bandwidth
CP-OFDM QPSK, 1 RB, 1 RB Offset**

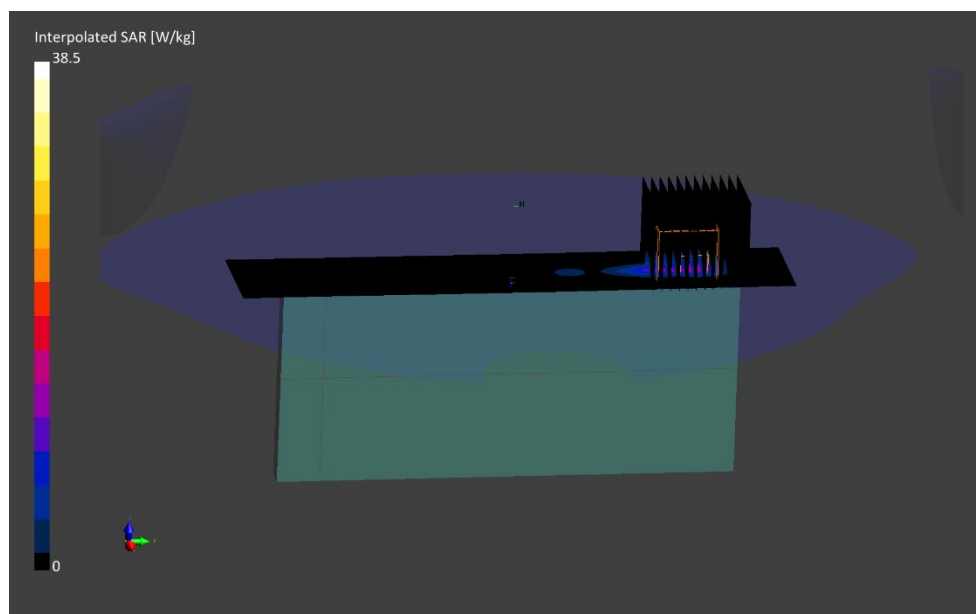
Area Scan (40.0 x 200.0): Measurement grid: dx=5.0mm, dy=10.0mm

Zoom Scan (28.0 x 28.0 x 28.0): Measurement grid: dx=3.1mm, dy=3.1mm, dz=1.2mm; Graded Ratio: 1.2

Reference Value = 16.38 W/Kg; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 38.5 W/kg

SAR(10 g) = 2.54 W/kg



PCTEST

DUT: A3LSMF711U; Type: Portable Handset; Serial: 0677M

Communication System: UID:10196-CAD, WLAN; MAIA: Y; Frequency: 5620.0 MHz

Medium: 5200-5800 Body; Medium parameters used:

$f = 5620.0$ MHz; $\text{cond} = 5.82$ S/m; $\text{perm} = 47.6$; $\text{density} = 1000$ kg/m³

Phantom Section: Flat; Space: 0.0 cm

Test Date: 05/18/2021; Ambient Temp: 20.9°C; Tissue Temp: 22.2°C

Probe: EX3DV4 - SN7526; ConvF:(4.12,4.12,4.12); Calibrated: 2021-03-16

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

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

Phantom: Twin-SAM V5.0 (left); Serial: 1758

Measurement SW: cDASY6 Module SAR V6.14.0.959

Mode: IEEE 802.11n, UNII-2C, 20 MHz Bandwidth, MIMO - N
Phablet SAR, Left Edge, Ch. 124, 13 Mbps

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

Zoom Scan (22.0 x 22.0 x 22.0): Measurement grid: $dx=3.6$ mm, $dy=3.6$ mm, $dz=1.4$ mm; Graded Ratio: 1.4

Reference Value = 7.60 W/Kg; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 25.1 W/kg

SAR(10 g) = 1.02 W/kg

