

APPENDIX A: SAR TEST DATA

PCTEST

DUT: A3LSMA426U; Type: Portable Handset; Serial: 01842

Communication System: UID 0, Cellular CDMA; Frequency: 820.1 MHz; Duty Cycle: 1:1

Medium: 835 Head Medium parameters used (interpolated):

$f = 820.1$ MHz; $\sigma = 0.868$ S/m; $\epsilon_r = 40.062$; $\rho = 1000$ kg/m³

Phantom section: Right Section

Test Date: 01/26/2021; Ambient Temp: 23.3°C; Tissue Temp: 20.2°C

Probe: EX3DV4 - SN7308; ConvF(10.17, 10.17, 10.17) @ 820.1 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 10, Right Head, Cheek, Mid.ch

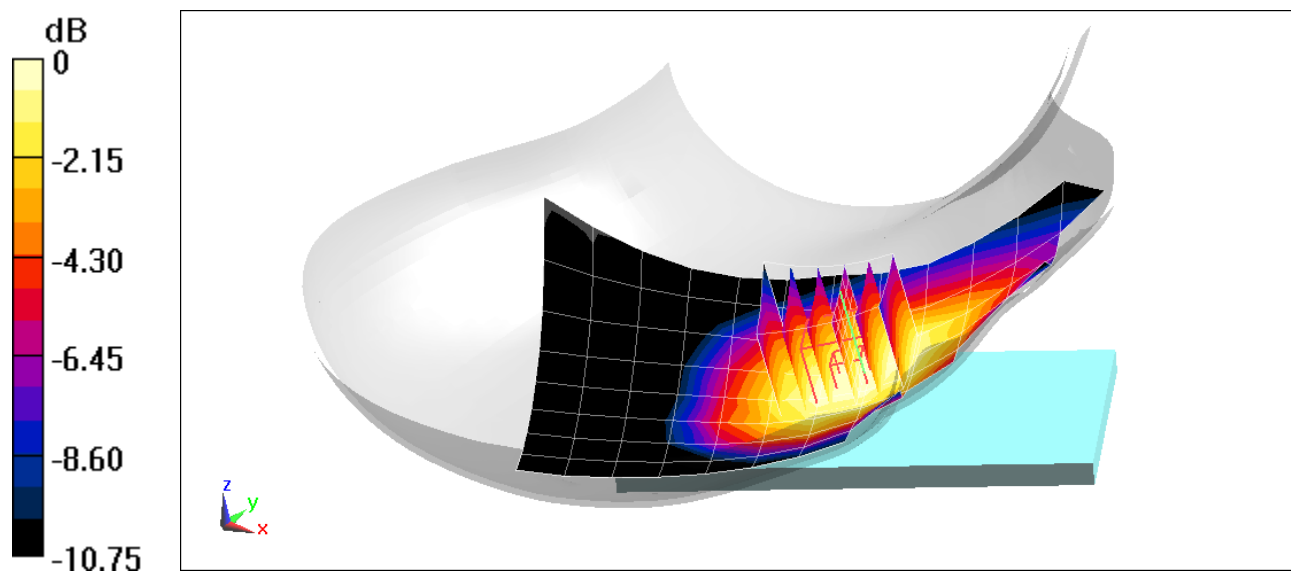
Area Scan (9x15x1): Measurement grid: dx=15mm, dy=15mm

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

Reference Value = 16.76 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 0.292 W/kg

SAR(1 g) = 0.231 W/kg



0 dB = 0.269 W/kg = -5.70 dBW/kg

PCTEST

DUT: A3LSMA426U; Type: Portable Handset; Serial: 01842

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

Medium: 835 Head Medium parameters used (interpolated):

$f = 836.52$ MHz; $\sigma = 0.885$ S/m; $\epsilon_r = 39.843$; $\rho = 1000$ kg/m³

Phantom section: Right Section

Test Date: 01/26/2021; Ambient Temp: 23.3°C; Tissue Temp: 20.2°C

Probe: EX3DV4 - SN7308; ConvF(10.17, 10.17, 10.17) @ 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 Rev. A, BC 0, Right Head, Cheek, Mid.ch

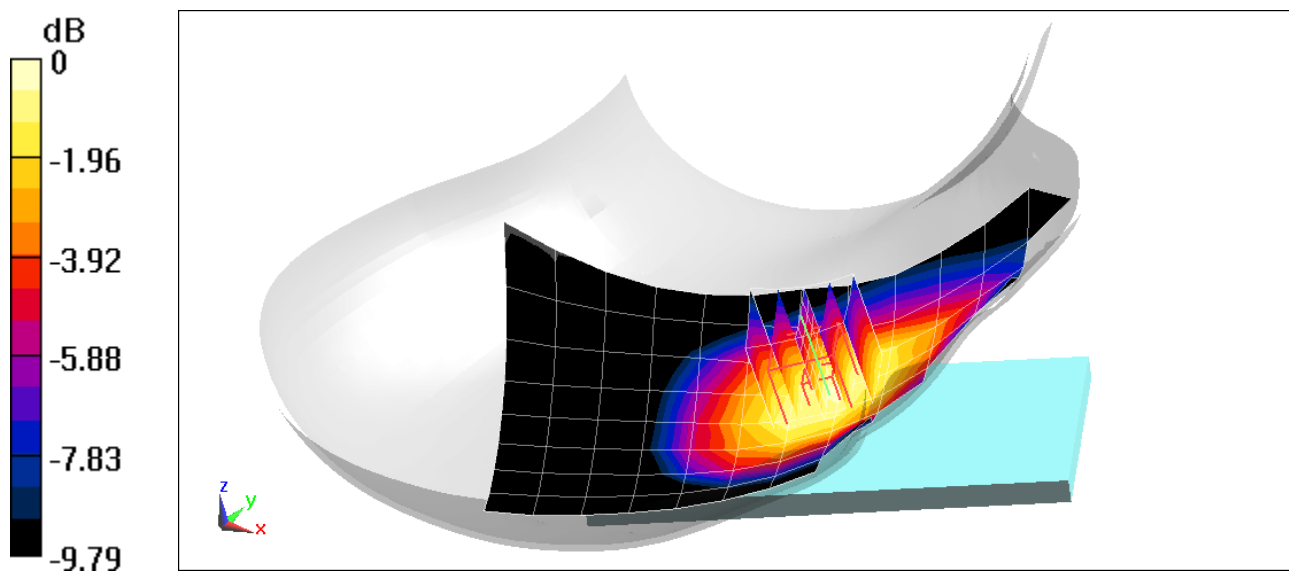
Area Scan (9x15x1): Measurement grid: dx=15mm, dy=15mm

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

Reference Value = 16.79 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 0.307 W/kg

SAR(1 g) = 0.238 W/kg



0 dB = 0.284 W/kg = -5.47 dBW/kg

PCTEST

DUT: A3LSMA426U; Type: Portable Handset; Serial: 01842

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

Medium: 1900 Head Medium parameters used:

$f = 1880 \text{ MHz}$; $\sigma = 1.386 \text{ S/m}$; $\epsilon_r = 40.285$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Left Section

Test Date: 01/27/2021; Ambient Temp: 21.6°C; Tissue Temp: 22.0°C

Probe: EX3DV4 - SN7308; ConvF(8.2, 8.2, 8.2) @ 1880 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: PCS CDMA, Left Head, Cheek, Mid.ch

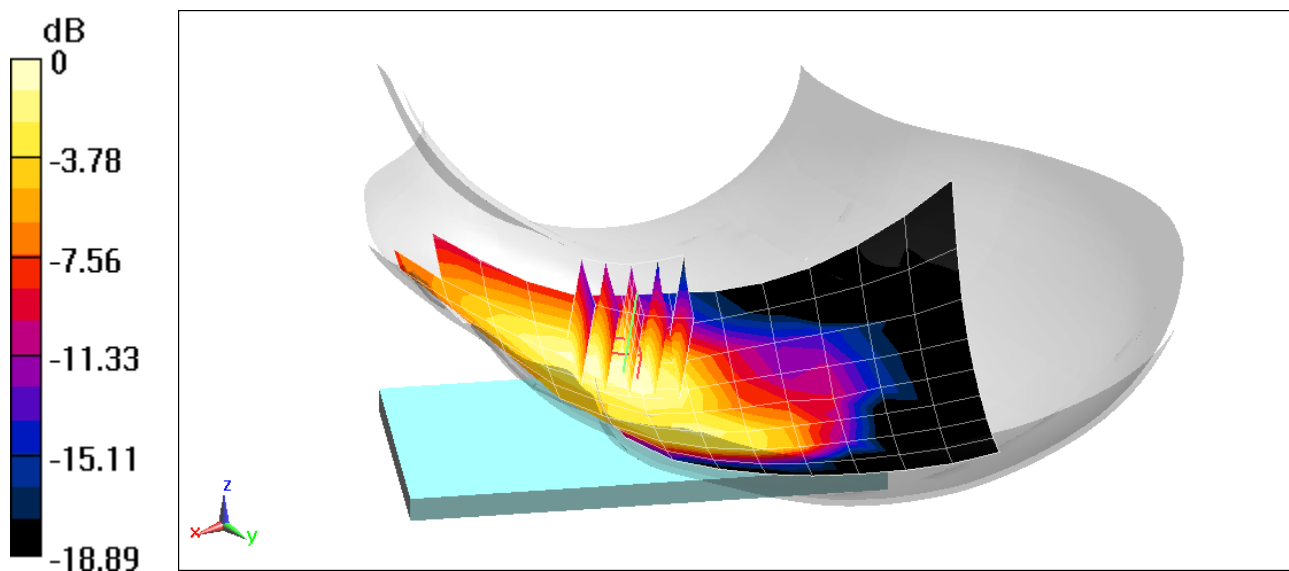
Area Scan (9x15x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Reference Value = 11.77 V/m; Power Drift = 0.12 dB

Peak SAR (extrapolated) = 0.290 W/kg

SAR(1 g) = 0.172 W/kg



0 dB = 0.237 W/kg = -6.25 dBW/kg

PCTEST

DUT: A3LSMA426U; Type: Portable Handset; Serial: 01750

Communication System: UID 0, GSM; Frequency: 836.6 MHz; Duty Cycle: 1:8.3

Medium: 835 Head Medium parameters used (interpolated):

$f = 836.6 \text{ MHz}$; $\sigma = 0.884 \text{ S/m}$; $\epsilon_r = 39.815$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Right Section

Test Date: 01/12/2021; Ambient Temp: 22.7°C; Tissue Temp: 19.9°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: GSM 850, Right Head, Cheek, Mid.ch

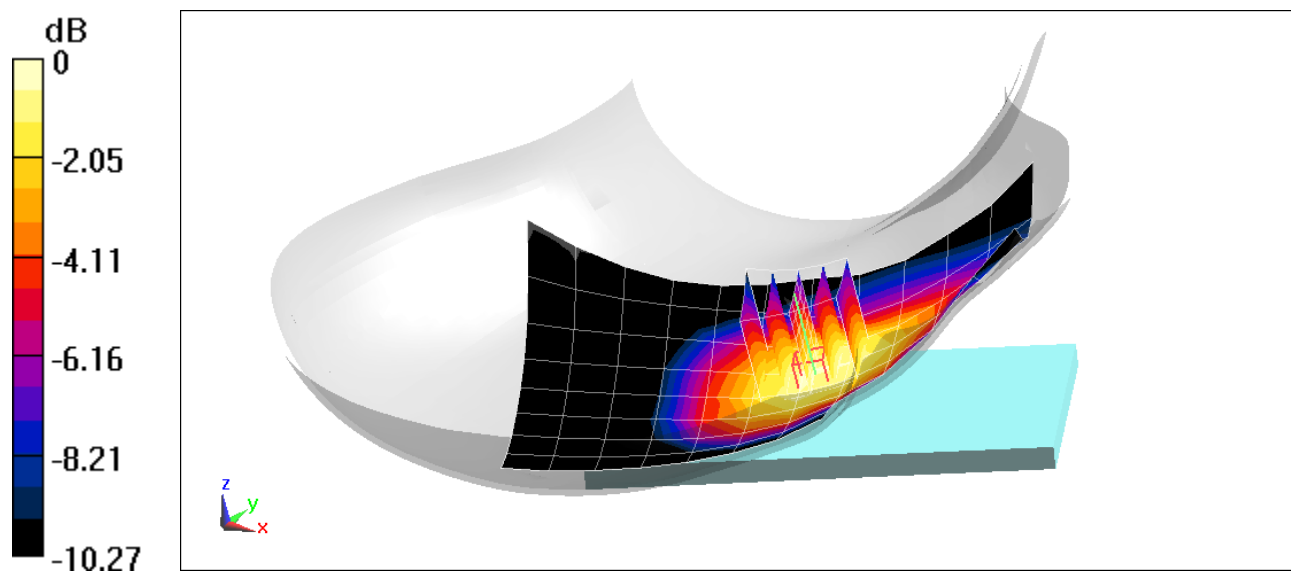
Area Scan (9x14x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Reference Value = 15.87 V/m; Power Drift = -0.16 dB

Peak SAR (extrapolated) = 0.275 W/kg

SAR(1 g) = 0.212 W/kg



0 dB = 0.252 W/kg = -5.99 dBW/kg

PCTEST

DUT: A3LSMA426U; Type: Portable Handset; Serial: 01826

Communication System: UID 0, GSM; Frequency: 1880 MHz; Duty Cycle: 1:8.3

Medium: 1900 Head Medium parameters used:

$f = 1880 \text{ MHz}$; $\sigma = 1.385 \text{ S/m}$; $\epsilon_r = 39.06$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Left Section

Test Date: 01/12/2021; Ambient Temp: 23.5°C; Tissue Temp: 23.9°C

Probe: EX3DV4 - SN7539; ConvF(8.03, 8.03, 8.03) @ 1880 MHz; Calibrated: 10/20/2020

Sensor-Surface: 1.4mm (Mechanical Surface Detection)

Electronics: DAE4 Sn728; Calibrated: 5/20/2020

Phantom: Twin-SAM V8.0; Type: QD 000 P41 Ax; Serial: 1966

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

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

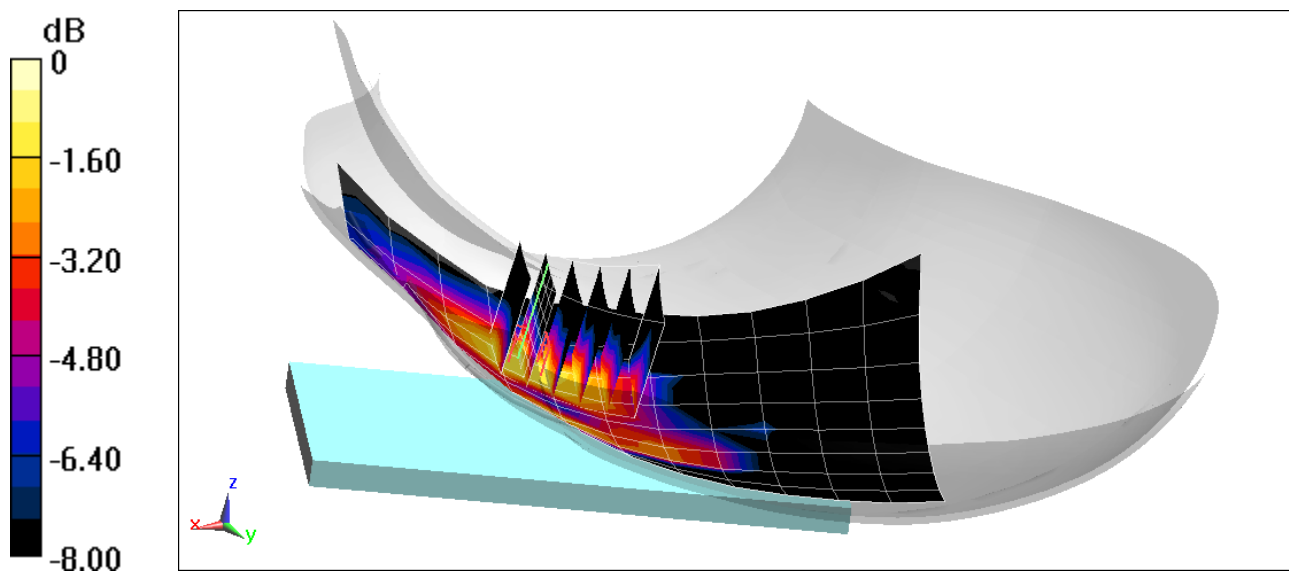
Area Scan (9x13x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Reference Value = 6.236 V/m; Power Drift = 0.14 dB

Peak SAR (extrapolated) = 0.0980 W/kg

SAR(1 g) = 0.057 W/kg



0 dB = 0.0822 W/kg = -10.85 dBW/kg

PCTEST

DUT: A3LSMA426U; Type: Portable Handset; Serial: 01792

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

Medium: 835 Head Medium parameters used (interpolated):

$f = 836.6 \text{ MHz}$; $\sigma = 0.885 \text{ S/m}$; $\epsilon_r = 39.842$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Right Section

Test Date: 01/26/2021; Ambient Temp: 23.3°C; Tissue Temp: 20.2°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

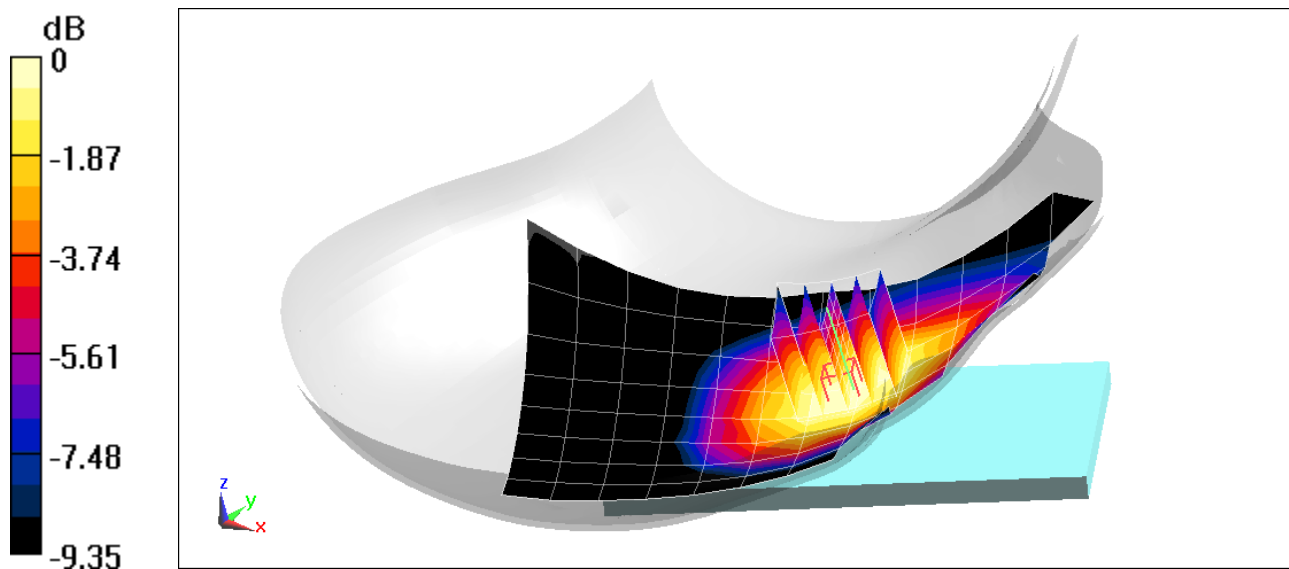
Area Scan (9x15x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Reference Value = 14.76 V/m; Power Drift = 0.19 dB

Peak SAR (extrapolated) = 0.235 W/kg

SAR(1 g) = 0.180 W/kg



0 dB = 0.212 W/kg = -6.74 dBW/kg

PCTEST

DUT: A3LSMA426U; Type: Portable Handset; Serial: 01842

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

Medium: 1750 Head Medium parameters used (interpolated):

$f = 1732.4 \text{ MHz}$; $\sigma = 1.364 \text{ S/m}$; $\epsilon_r = 40.45$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Right Section

Test Date: 01/25/2021; Ambient Temp: 20.5°C; Tissue Temp: 21.0°C

Probe: EX3DV4 - SN7357; ConvF(8.69, 8.69, 8.69) @ 1732.4 MHz; Calibrated: 4/21/2020

Sensor-Surface: 1.4mm (Mechanical Surface Detection)

Electronics: DAE4 Sn1407; Calibrated: 4/15/2020

Phantom: Twin-SAM V5.0 Left 30; Type: QD 000 P40 CD; Serial: 1715

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

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

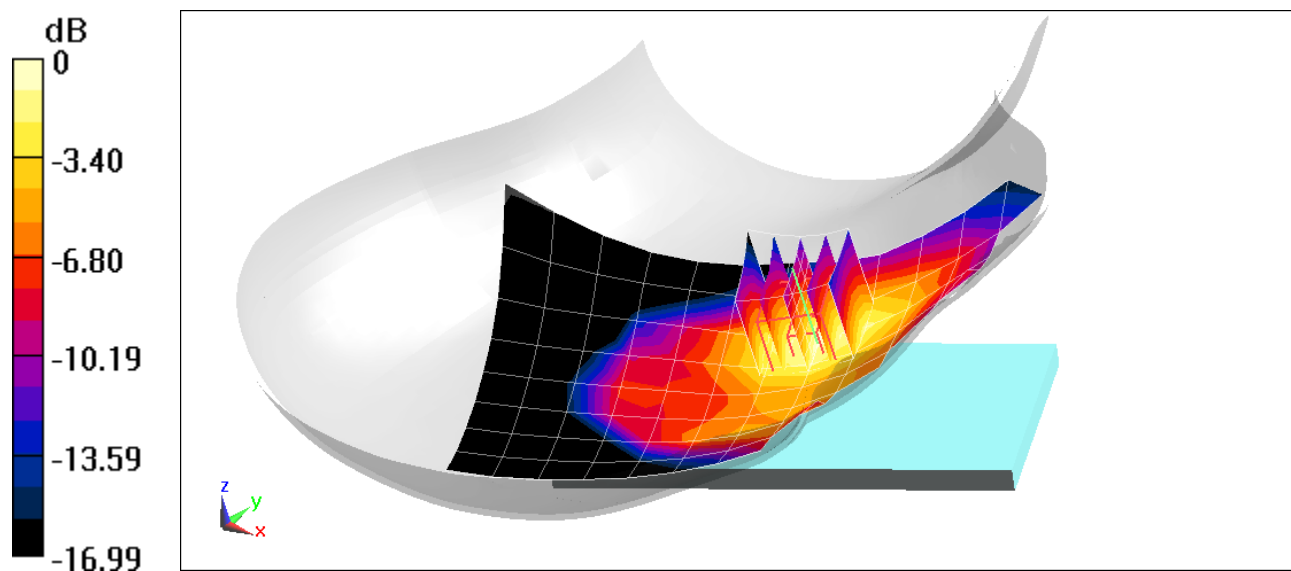
Area Scan (9x15x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Reference Value = 11.86 V/m; Power Drift = 0.13 dB

Peak SAR (extrapolated) = 0.305 W/kg

SAR(1 g) = 0.198 W/kg



0 dB = 0.265 W/kg = -5.77 dBW/kg

PCTEST

DUT: A3LSMA426U; Type: Portable Handset; Serial: 01735

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

Medium: 1900 Head Medium parameters used:

$f = 1880 \text{ MHz}$; $\sigma = 1.385 \text{ S/m}$; $\epsilon_r = 40.438$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Left Section

Test Date: 01/21/2021; Ambient Temp: 23.5°C; Tissue Temp: 25.0°C

Probe: EX3DV4 - SN7357; ConvF(8.32, 8.32, 8.32) @ 1880 MHz; Calibrated: 4/21/2020

Sensor-Surface: 1.4mm (Mechanical Surface Detection)

Electronics: DAE4 Sn1407; Calibrated: 4/15/2020

Phantom: Twin-SAM V5.0 Left 30; Type: QD 000 P40 CD; Serial: 1715

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

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

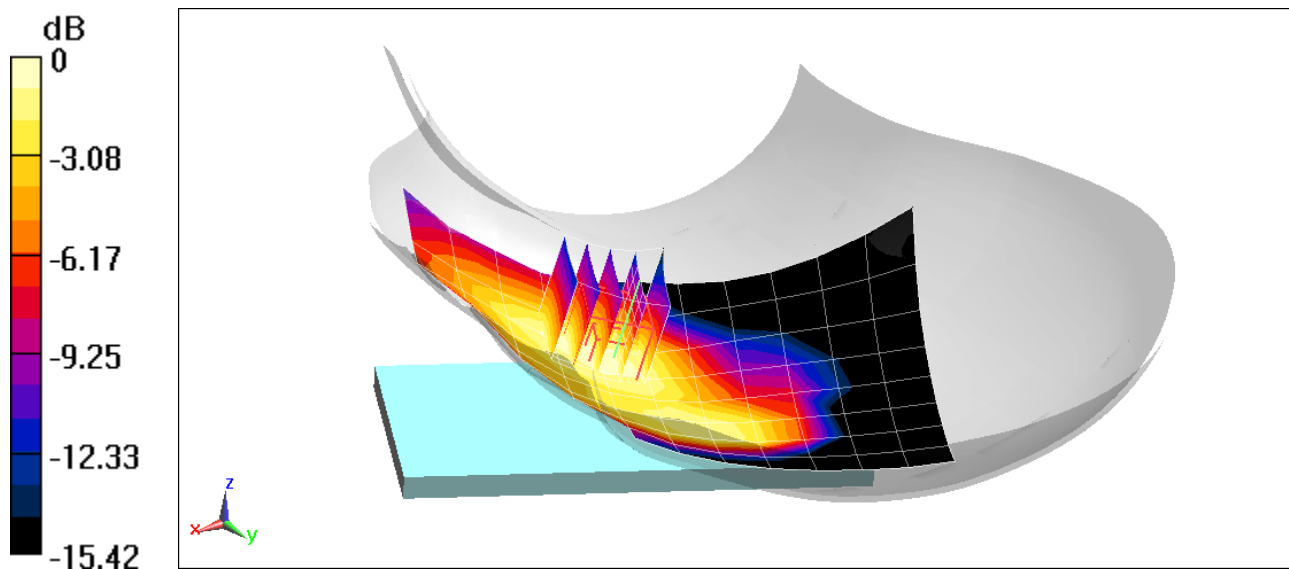
Area Scan (9x15x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Reference Value = 9.537 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 0.186 W/kg

SAR(1 g) = 0.117 W/kg



0 dB = 0.158 W/kg = -8.01 dBW/kg

PCTEST

DUT: A3LSMA426U; Type: Portable Handset; Serial: 01859

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

Medium: 750 Head Medium parameters used (interpolated):

$f = 680.5 \text{ MHz}$; $\sigma = 0.848 \text{ S/m}$; $\epsilon_r = 41.294$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Left Section

Test Date: 02/02/2021; Ambient Temp: 21.2°C; Tissue Temp: 20.2°C

Probe: EX3DV4 - SN7357; ConvF(10.23, 10.23, 10.23) @ 680.5 MHz; Calibrated: 4/21/2020

Sensor-Surface: 1.4mm (Mechanical Surface Detection)

Electronics: DAE4 Sn1407; Calibrated: 4/15/2020

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

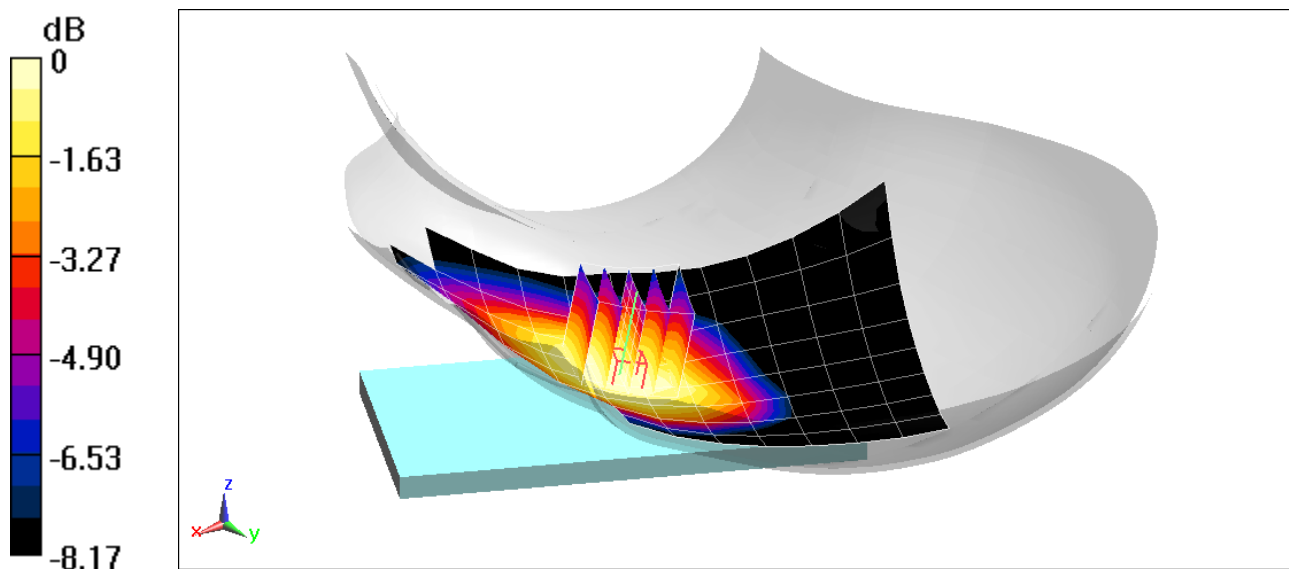
Area Scan (9x13x1): Measurement grid: dx=15mm, dy=15mm

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

Reference Value = 12.49 V/m; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 0.144 W/kg

SAR(1 g) = 0.122 W/kg



0 dB = 0.137 W/kg = -8.63 dBW/kg

PCTEST

DUT: A3LSMA426U; Type: Portable Handset; Serial: 01727

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

Medium: 750 Head Medium parameters used (interpolated):

$f = 707.5$ MHz; $\sigma = 0.882$ S/m; $\epsilon_r = 41.878$; $\rho = 1000$ kg/m³

Phantom section: Right Section

Test Date: 01/26/2021; Ambient Temp: 21.5°C; Tissue Temp: 21.5°C

Probe: EX3DV4 - SN7357; ConvF(10.23, 10.23, 10.23) @ 707.5 MHz; Calibrated: 4/21/2020

Sensor-Surface: 1.4mm (Mechanical Surface Detection)

Electronics: DAE4 Sn1407; Calibrated: 4/15/2020

Phantom: Twin-SAM V5.0 Left 30; Type: QD 000 P40 CD; Serial: 1715

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

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

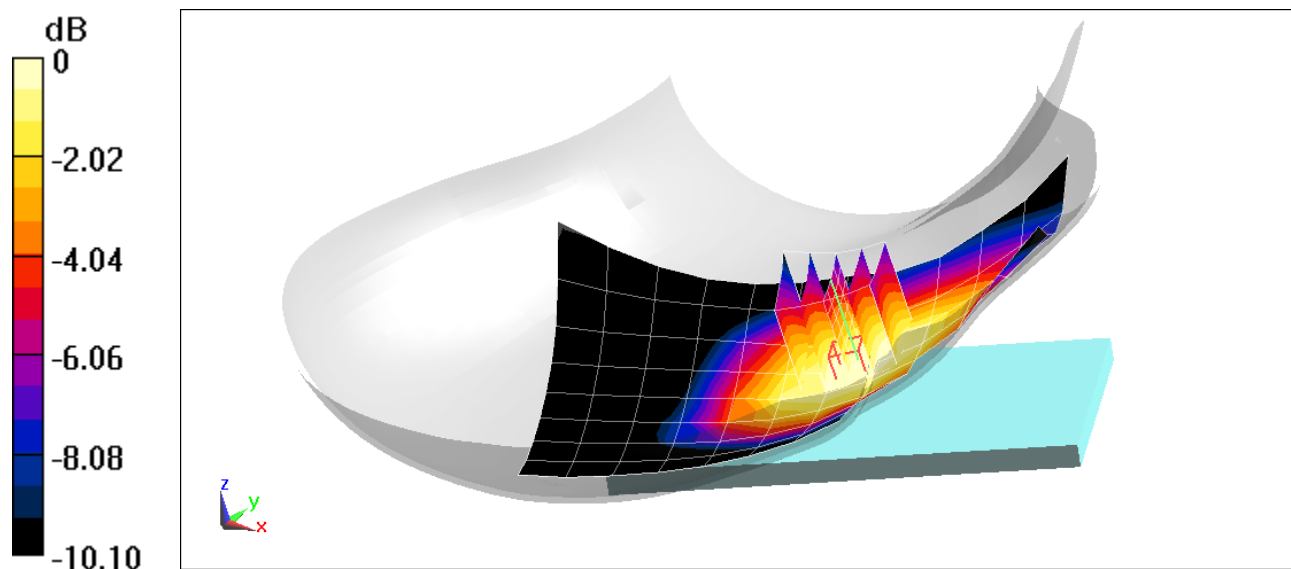
Area Scan (9x13x1): Measurement grid: dx=15mm, dy=15mm

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

Reference Value = 13.27 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 0.171 W/kg

SAR(1 g) = 0.141 W/kg



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

PCTEST

DUT: A3LSMA426U; Type: Portable Handset; Serial: 01727

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

Medium: 750 Head Medium parameters used (interpolated):

$f = 782 \text{ MHz}$; $\sigma = 0.909 \text{ S/m}$; $\epsilon_r = 41.65$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Right Section

Test Date: 01/26/2021; Ambient Temp: 21.5°C; Tissue Temp: 21.5°C

Probe: EX3DV4 - SN7357; ConvF(10.23, 10.23, 10.23) @ 782 MHz; Calibrated: 4/21/2020

Sensor-Surface: 1.4mm (Mechanical Surface Detection)

Electronics: DAE4 Sn1407; Calibrated: 4/15/2020

Phantom: Twin-SAM V5.0 Left 30; Type: QD 000 P40 CD; Serial: 1715

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**

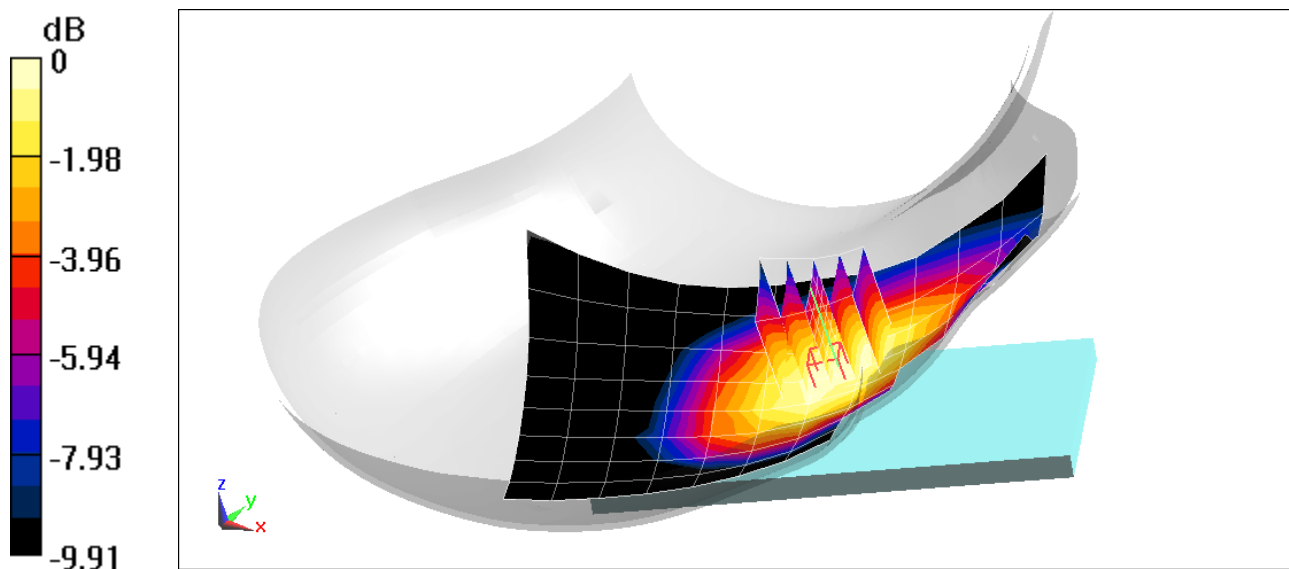
Area Scan (9x13x1): Measurement grid: dx=15mm, dy=15mm

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

Reference Value = 12.22 V/m; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 0.152 W/kg

SAR(1 g) = 0.123 W/kg



0 dB = 0.142 W/kg = -8.48 dBW/kg

PCTEST

DUT: A3LSMA426U; Type: Portable Handset; Serial: 01859

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

Medium: 750 Head Medium parameters used (interpolated):

$f = 793 \text{ MHz}$; $\sigma = 0.888 \text{ S/m}$; $\epsilon_r = 40.96$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Right Section

Test Date: 02/02/2021; Ambient Temp: 21.2°C; Tissue Temp: 20.2°C

Probe: EX3DV4 - SN7357; ConvF(10.23, 10.23, 10.23) @ 793 MHz; Calibrated: 4/21/2020

Sensor-Surface: 1.4mm (Mechanical Surface Detection)

Electronics: DAE4 Sn1407; Calibrated: 4/15/2020

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

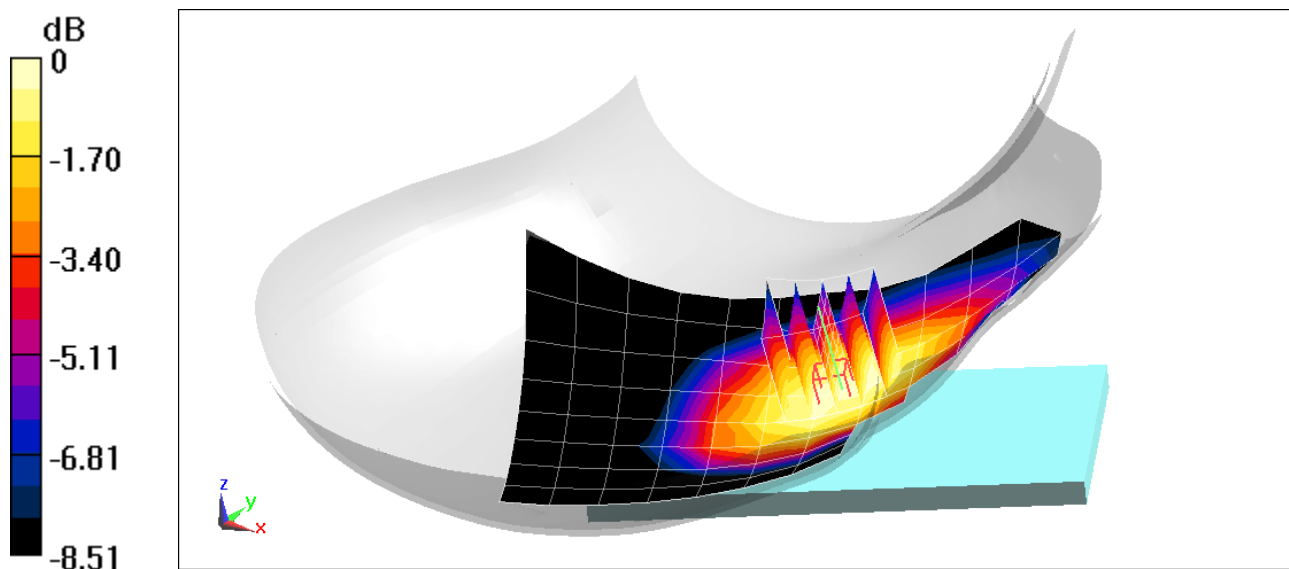
Area Scan (9x13x1): Measurement grid: dx=15mm, dy=15mm

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

Reference Value = 15.64 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 0.238 W/kg

SAR(1 g) = 0.195 W/kg



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

PCTEST

DUT: A3LSMA426U; Type: Portable Handset; Serial: 01784

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

Medium: 835 Head Medium parameters used (interpolated):

$f = 831.5$ MHz; $\sigma = 0.905$ S/m; $\epsilon_r = 42.665$; $\rho = 1000$ kg/m³

Phantom section: Right Section

Test Date: 02/03/2021; Ambient Temp: 22.6°C; Tissue Temp: 22.4°C

Probe: EX3DV4 - SN3589; ConvF(8.57, 8.57, 8.57) @ 831.5 MHz; Calibrated: 1/20/2021

Sensor-Surface: 1.4mm (Mechanical Surface Detection)

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

Phantom: Twin-SAM V4.0 Left (30); Type: QD 000 P40 CC; Serial: 1687

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**

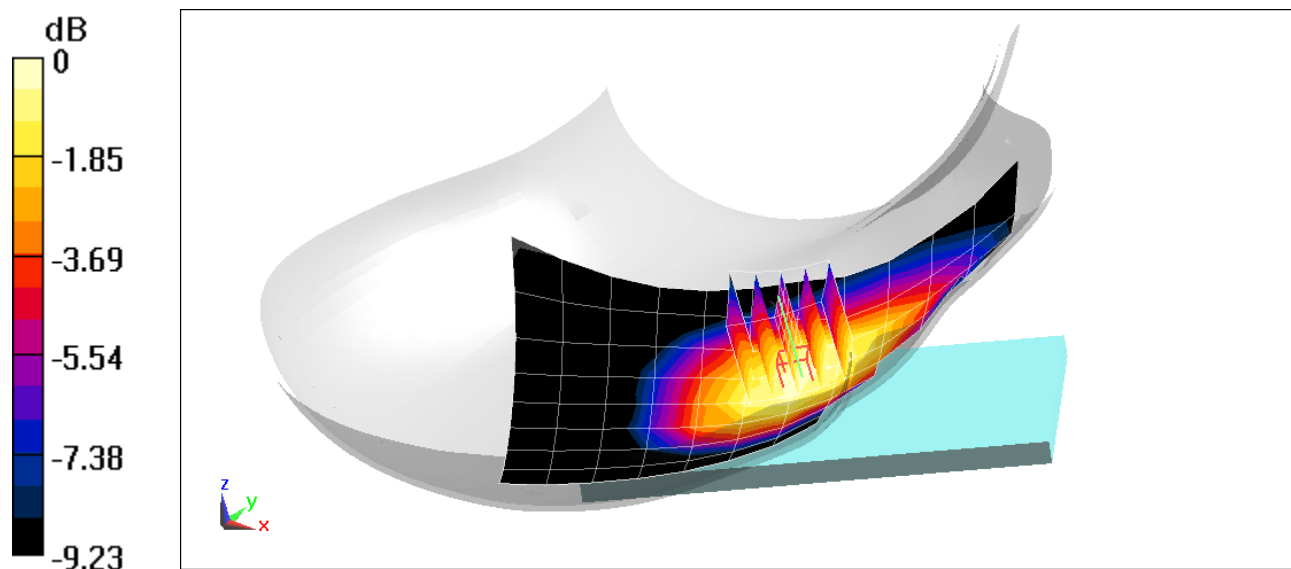
Area Scan (9x13x1): Measurement grid: dx=15mm, dy=15mm

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

Reference Value = 15.46 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 0.266 W/kg

SAR(1 g) = 0.201 W/kg



0 dB = 0.242 W/kg = -6.16 dBW/kg

PCTEST

DUT: A3LSMA426U; Type: Portable Handset; Serial: 01917

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

Medium: 835 Head Medium parameters used (interpolated):

$f = 836.5$ MHz; $\sigma = 0.884$ S/m; $\epsilon_r = 39.843$; $\rho = 1000$ kg/m³

Phantom section: Right Section

Test Date: 01/26/2021; Ambient Temp: 23.3°C; Tissue Temp: 20.2°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.), ULCA, Right Head, Cheek, Mid.ch,
PCC: 10 MHz Bandwidth, QPSK, Ch. 20525, 1 RB, 49 RB Offset
SCC: 5 MHz Bandwidth, QPSK, Ch. 20597, 1 RB, 0 RB Offset

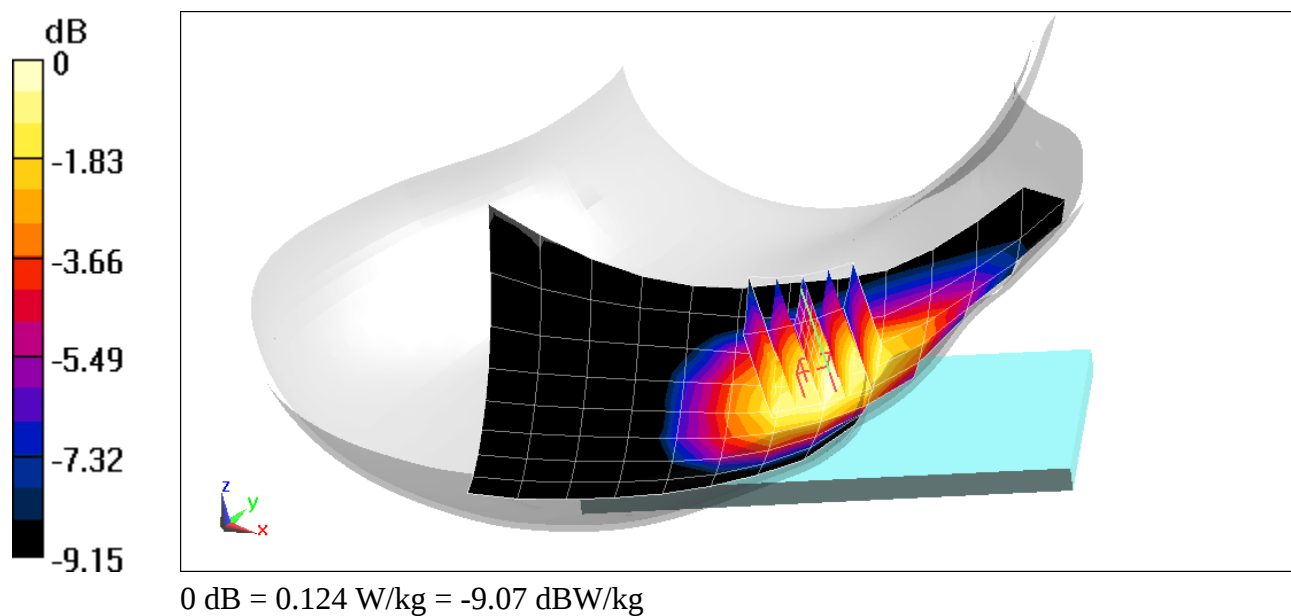
Area Scan (9x15x1): Measurement grid: dx=15mm, dy=15mm

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

Reference Value = 1.522 V/m; Power Drift = 0.14 dB

Peak SAR (extrapolated) = 0.137 W/kg

SAR(1 g) = 0.104 W/kg



PCTEST

DUT: A3LSMA426U; Type: Portable Handset; Serial: 01917

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

Medium: 1750 Head Medium parameters used (interpolated):

$f = 1775$ MHz; $\sigma = 1.391$ S/m; $\epsilon_r = 40.387$; $\rho = 1000$ kg/m³

Phantom section: Left Section

Test Date: 01/25/2021; Ambient Temp: 20.5°C; Tissue Temp: 21.0°C

Probe: EX3DV4 - SN7357; ConvF(8.69, 8.69, 8.69) @ 1775 MHz; Calibrated: 4/21/2020

Sensor-Surface: 1.4mm (Mechanical Surface Detection)

Electronics: DAE4 Sn1407; Calibrated: 4/15/2020

Phantom: Twin-SAM V5.0 Left 30; 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), ULCA, CA_66B, Left Head, Cheek, High.ch,

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

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

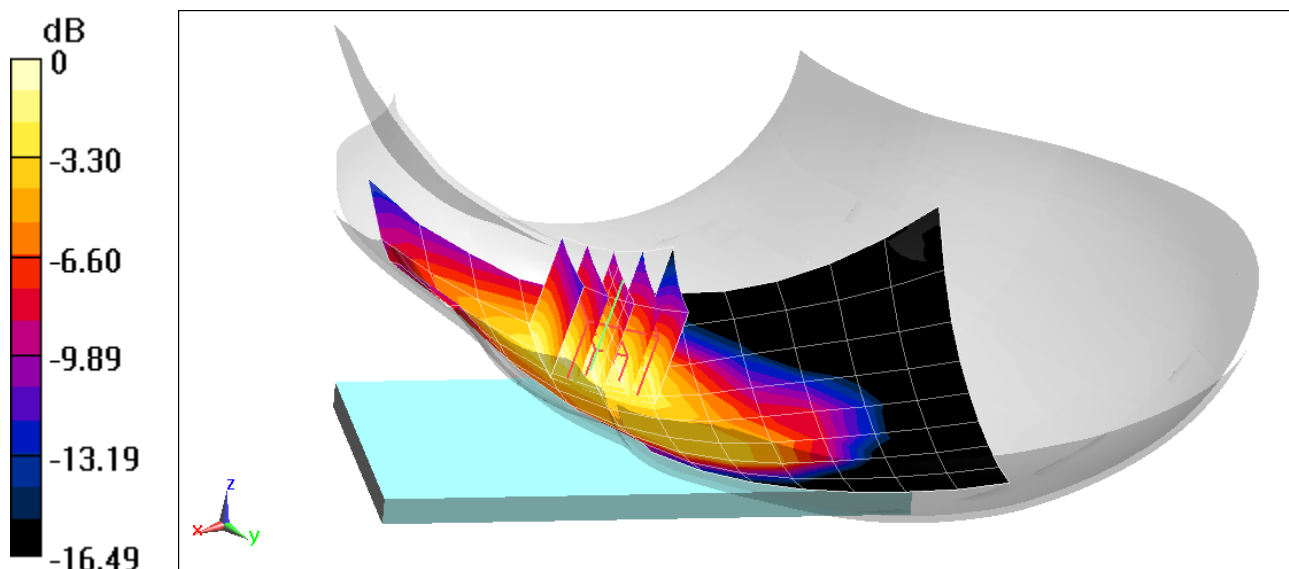
Area Scan (9x13x1): Measurement grid: dx=15mm, dy=15mm

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

Reference Value = 13.65 V/m; Power Drift = 0.09 dB

Peak SAR (extrapolated) = 0.344 W/kg

SAR(1 g) = 0.223 W/kg



0 dB = 0.294 W/kg = -5.32 dBW/kg

PCTEST

DUT: A3LSMA426U; Type: Portable Handset; Serial: 01735

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

Medium: 1900 Head Medium parameters used (interpolated):

$f = 1882.5$ MHz; $\sigma = 1.388$ S/m; $\epsilon_r = 40.428$; $\rho = 1000$ kg/m³

Phantom section: Left Section

Test Date: 01/21/2021; Ambient Temp: 23.5°C; Tissue Temp: 25.0°C

Probe: EX3DV4 - SN7357; ConvF(8.32, 8.32, 8.32) @ 1882.5 MHz; Calibrated: 4/21/2020

Sensor-Surface: 1.4mm (Mechanical Surface Detection)

Electronics: DAE4 Sn1407; Calibrated: 4/15/2020

Phantom: Twin-SAM V5.0 Left 30; Type: QD 000 P40 CD; Serial: 1715

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

**Mode: LTE Band 25 (PCS), Left Head, Cheek, Mid.ch,
20 MHz Bandwidth, QPSK, 1 RB, 50 RB Offset**

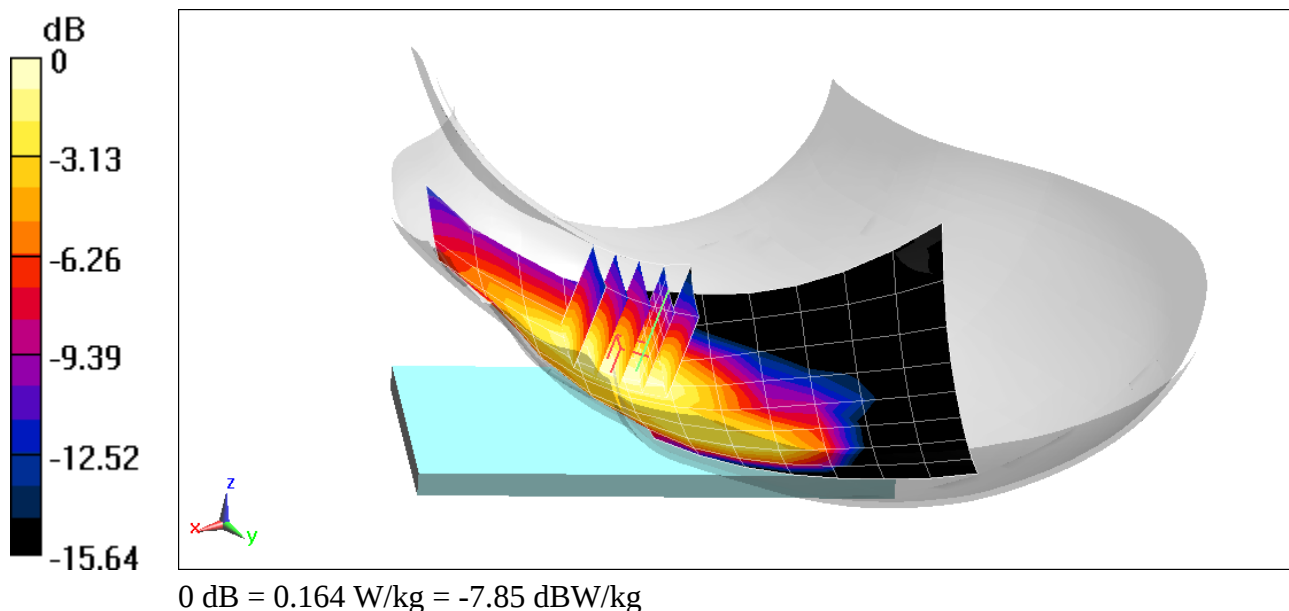
Area Scan (9x13x1): Measurement grid: dx=15mm, dy=15mm

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

Reference Value = 10.19 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 0.193 W/kg

SAR(1 g) = 0.120 W/kg



PCTEST

DUT: A3LSMA426U; Type: Portable Handset; Serial: 01834

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

Medium: 2450 Head Medium parameters used:

$f = 2310 \text{ MHz}$; $\sigma = 1.755 \text{ S/m}$; $\epsilon_r = 38.465$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Right Section

Test Date: 02/04/2021; Ambient Temp: 20.6°C; Tissue Temp: 22.8°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, Right Head, Cheek, Mid.ch,
10 MHz Bandwidth, QPSK, 1 RB, 0 RB Offset**

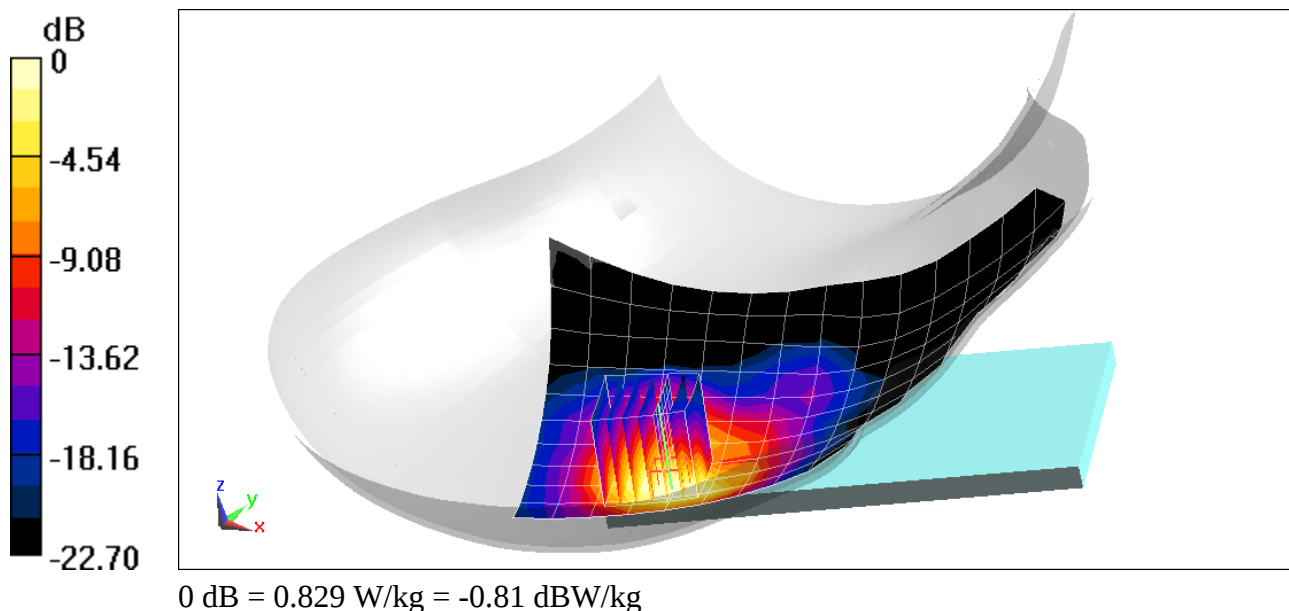
Area Scan (11x16x1): Measurement grid: $dx=12\text{mm}$, $dy=12\text{mm}$

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

Reference Value = 18.55 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 1.07 W/kg

SAR(1 g) = 0.475 W/kg



PCTEST

DUT: A3LSMA426U; Type: Portable Handset; Serial: 01883

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

Medium: 2450 Head Medium parameters used:

$f = 2535 \text{ MHz}$; $\sigma = 1.924 \text{ S/m}$; $\epsilon_r = 38.107$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Right Section

Test Date: 02/04/2021; Ambient Temp: 20.6°C; Tissue Temp: 22.8°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, 50 RB, 50 RB Offset**

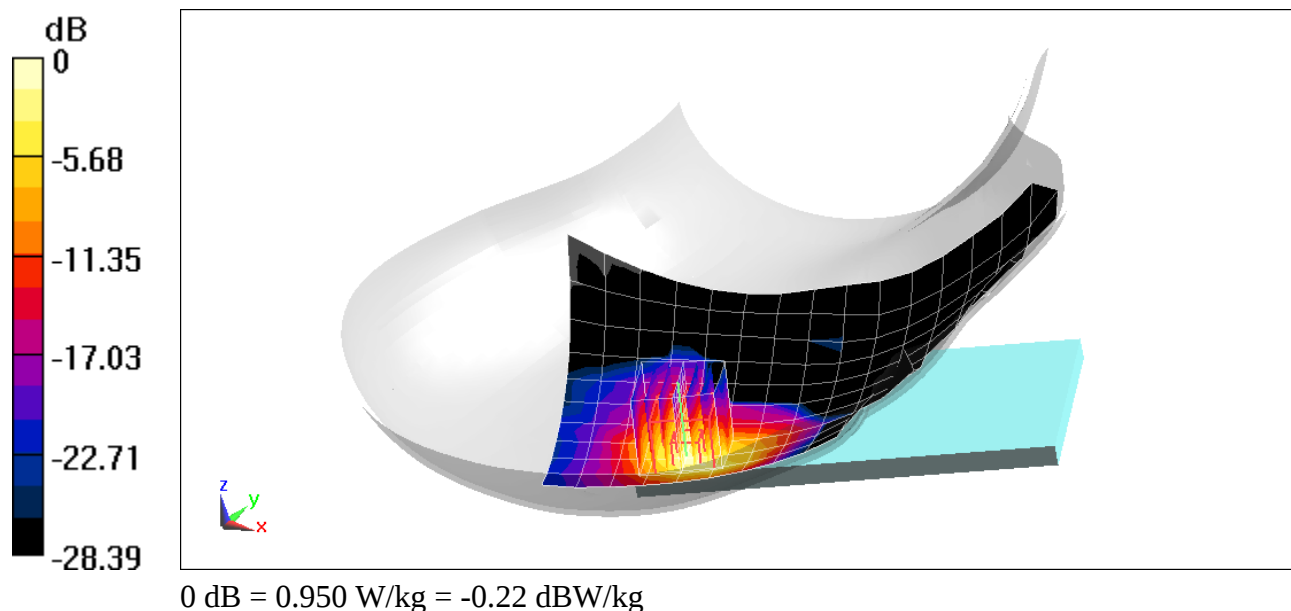
Area Scan (11x18x1): Measurement grid: dx=12mm, dy=12mm

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

Reference Value = 19.70 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 1.23 W/kg

SAR(1 g) = 0.522 W/kg



PCTEST

DUT: A3LSMA426U; Type: Portable Handset; Serial: 51755

Communication System: UID 0, LTE Band 48; Frequency: 3690 MHz; Duty Cycle: 1:1.58

Medium: 3600 Head Medium parameters used:

$f = 3690 \text{ MHz}$; $\sigma = 3.095 \text{ S/m}$; $\epsilon_r = 38.665$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Right Section

Test Date: 02/19/2021; Ambient Temp: 21.2°C; Tissue Temp: 19.9°C

Probe: EX3DV4 - SN3589; ConvF(6.05, 6.05, 6.05) @ 3690 MHz; Calibrated: 1/20/2021

Sensor-Surface: 1.4mm (Mechanical Surface Detection)

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

Phantom: Twin-SAM V5.0 (20); Type: QD 000 P40 CD; Serial: 1646

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

**Mode: LTE Band 48, Right Head, Tilt, High.ch,
20 MHz Bandwidth, QPSK, 50 RB, 50 RB Offset**

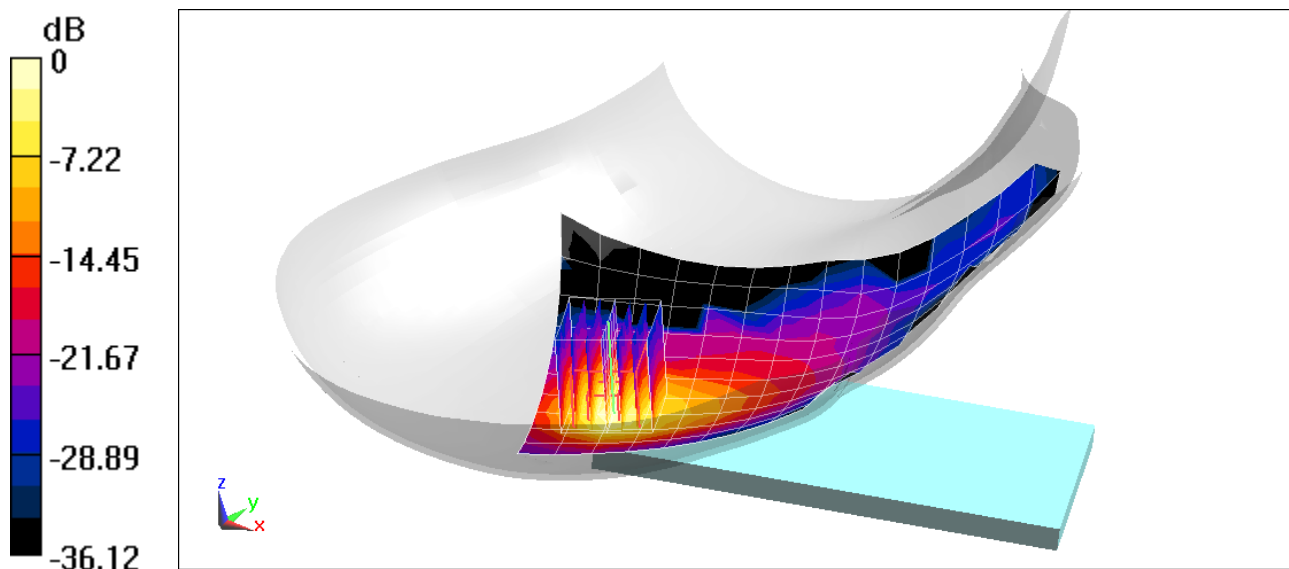
Area Scan (11x17x1): Measurement grid: dx=12mm, dy=12mm

Zoom Scan (7x7x8)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=1.4mm; Graded Ratio: 1.4

Reference Value = 21.19 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 2.84 W/kg

SAR(1 g) = 0.901 W/kg



0 dB = 1.77 W/kg = 2.48 dBW/kg

PCTEST

DUT: A3LSMA426U; Type: Portable Handset; Serial: 40527

Communication System: UID 0, LTE Band 41 (Class 3); Frequency: 2593 MHz; Duty Cycle: 1:1.58

Medium: 2450 Head Medium parameters used (interpolated):

$f = 2593 \text{ MHz}$; $\sigma = 1.968 \text{ S/m}$; $\epsilon_r = 38$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Right Section

Test Date: 02/04/2021; Ambient Temp: 20.6°C; Tissue Temp: 22.8°C

Probe: EX3DV4 - SN7308; ConvF(7.19, 7.19, 7.19) @ 2593 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, PC3, Right Head, Cheek, Mid.ch,
20 MHz Bandwidth, QPSK, 1 RB, 50 RB Offset**

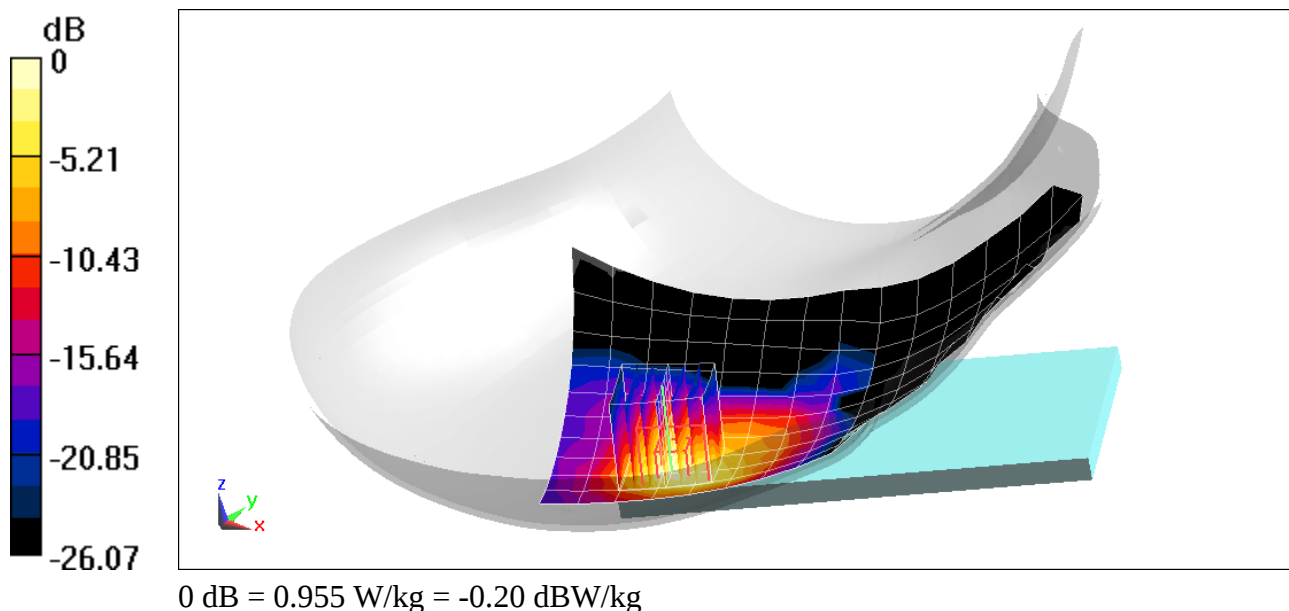
Area Scan (11x17x1): Measurement grid: $dx=12\text{mm}$, $dy=12\text{mm}$

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

Reference Value = 19.53 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 1.25 W/kg

SAR(1 g) = 0.557 W/kg



PCTEST

DUT: A3LSMA426U; Type: Portable Handset; Serial: 01727

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

Medium: 750 Head Medium parameters used (interpolated):

$f = 680.5 \text{ MHz}$; $\sigma = 0.873 \text{ S/m}$; $\epsilon_r = 41.971$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Right Section

Test Date: 01/26/2021; Ambient Temp: 21.5°C; Tissue Temp: 21.5°C

Probe: EX3DV4 - SN7357; ConvF(10.23, 10.23, 10.23) @ 680.5 MHz; Calibrated: 4/21/2020

Sensor-Surface: 1.4mm (Mechanical Surface Detection)

Electronics: DAE4 Sn1407; Calibrated: 4/15/2020

Phantom: Twin-SAM V5.0 Left 30; Type: QD 000 P40 CD; Serial: 1715

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

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

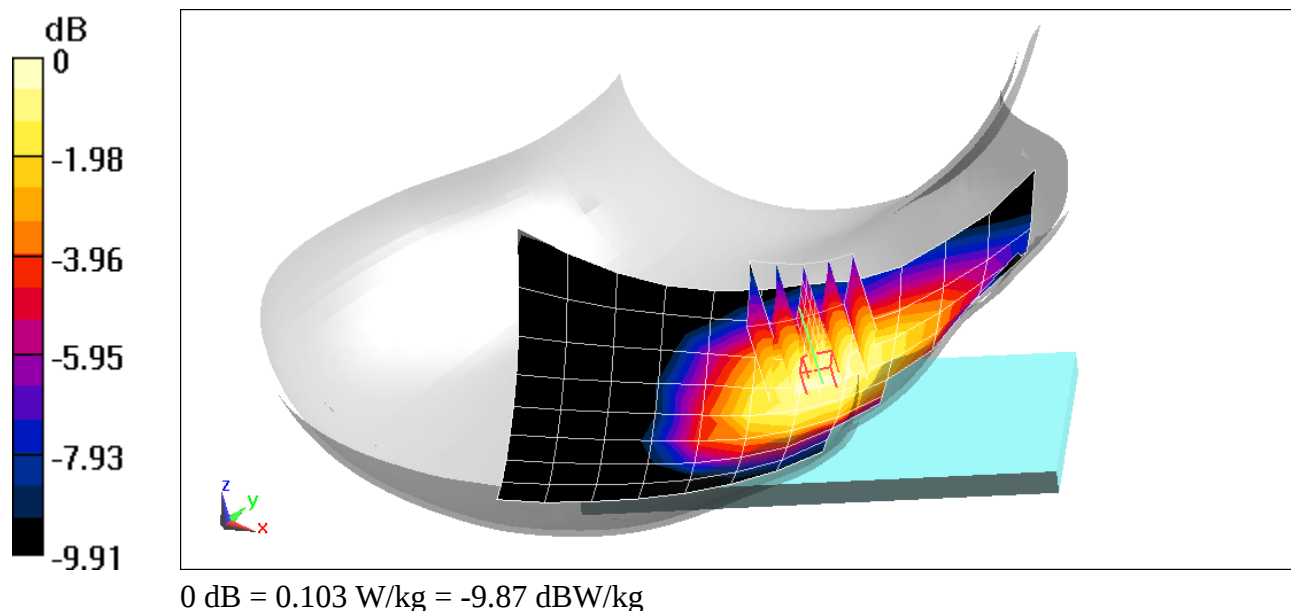
Area Scan (9x13x1): Measurement grid: dx=15mm, dy=15mm

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

Reference Value = 10.68 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 0.110 W/kg

SAR(1 g) = 0.090 W/kg



PCTEST

DUT: A3LSMA426U; Type: Portable Handset; Serial: 01792

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

Medium: 835 Head Medium parameters used (interpolated):

$f = 836.5 \text{ MHz}$; $\sigma = 0.884 \text{ S/m}$; $\epsilon_r = 39.843$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Right Section

Test Date: 01/26/2021; Ambient Temp: 23.3°C; Tissue Temp: 20.2°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: NR Band n5, Right Head, Cheek, 20 MHz Bandwidth,
DFT-s-OFDM QPSK, Ch. 167300, 1 RB, 53 RB Offset**

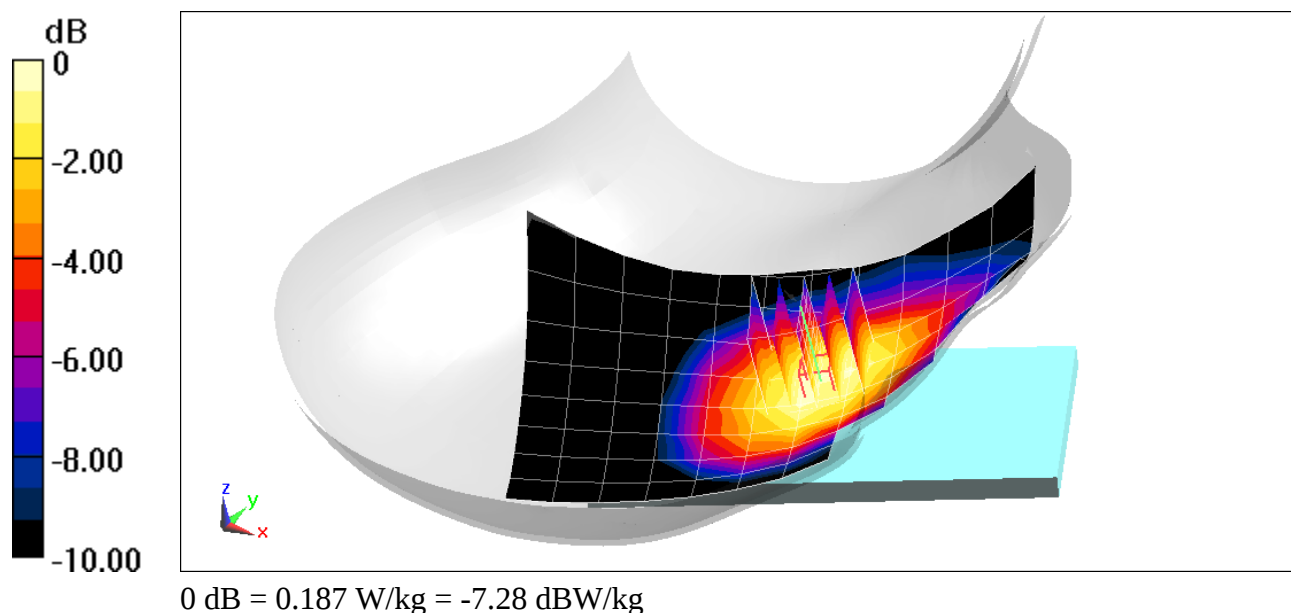
Area Scan (9x13x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Reference Value = 13.65 V/m; Power Drift = 0.11 dB

Peak SAR (extrapolated) = 0.203 W/kg

SAR(1 g) = 0.157 W/kg



PCTEST

DUT: A3LSMA426U; Type: Portable Handset; Serial: 01727

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

Medium: 1750 Head Medium parameters used:

$f = 1745 \text{ MHz}$; $\sigma = 1.372 \text{ S/m}$; $\epsilon_r = 40.436$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Left Section

Test Date: 01/25/2021; Ambient Temp: 20.5°C; Tissue Temp: 21.0°C

Probe: EX3DV4 - SN7357; ConvF(8.69, 8.69, 8.69) @ 1745 MHz; Calibrated: 4/21/2020

Sensor-Surface: 1.4mm (Mechanical Surface Detection)

Electronics: DAE4 Sn1407; Calibrated: 4/15/2020

Phantom: Twin-SAM V5.0 Left 30; 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, Left Head, Cheek, 20 MHz Bandwidth,
DFT-s-OFDM QPSK, Ch. 349000, 50 RB, 28 RB Offset**

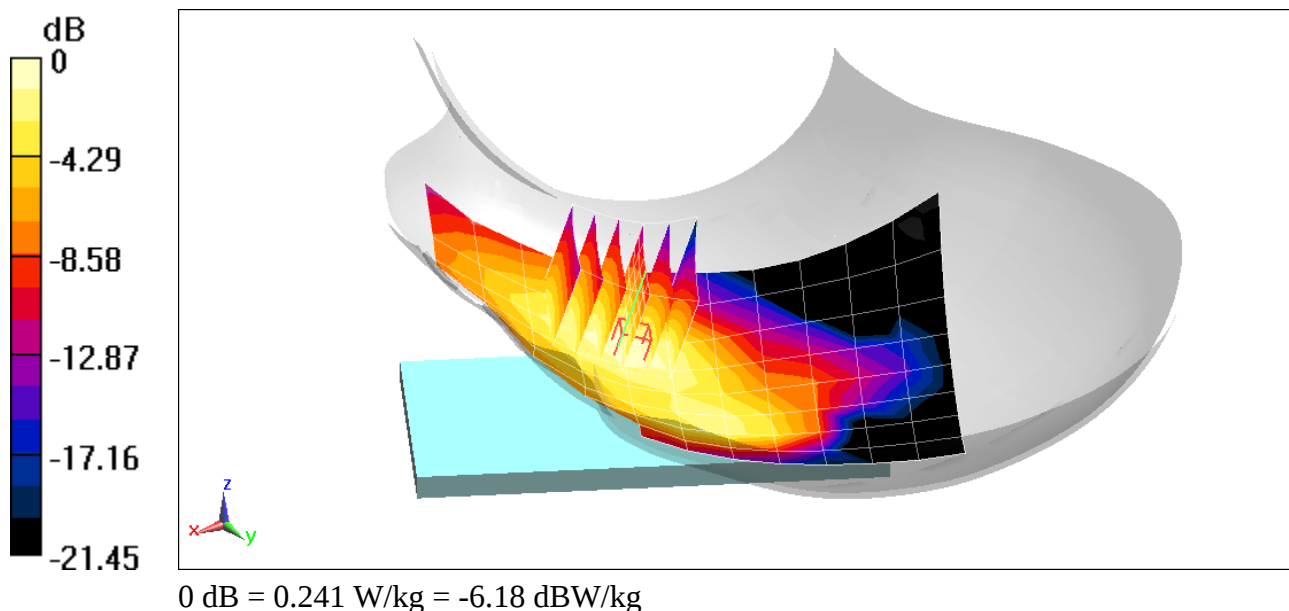
Area Scan (9x13x1): Measurement grid: dx=15mm, dy=15mm

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

Reference Value = 12.42 V/m; Power Drift = 0.11 dB

Peak SAR (extrapolated) = 0.280 W/kg

SAR(1 g) = 0.182 W/kg



PCTEST

DUT: A3LSMA426U; Type: Portable Handset; Serial: 01842

Communication System: UID 0, NR Band n25; Frequency: 1860 MHz; Duty Cycle: 1:1

Medium: 1900 Head Medium parameters used:

$f = 1860 \text{ MHz}$; $\sigma = 1.365 \text{ S/m}$; $\epsilon_r = 40.37$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Left Section

Test Date: 01/27/2021; Ambient Temp: 21.6°C; Tissue Temp: 22.0°C

Probe: EX3DV4 - SN7308; ConvF(8.2, 8.2, 8.2) @ 1860 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 n25, Left Head, Cheek, 20 MHz Bandwidth,
DFT-s-OFDM QPSK, Ch. 372000, 50 RB, 28 RB Offset**

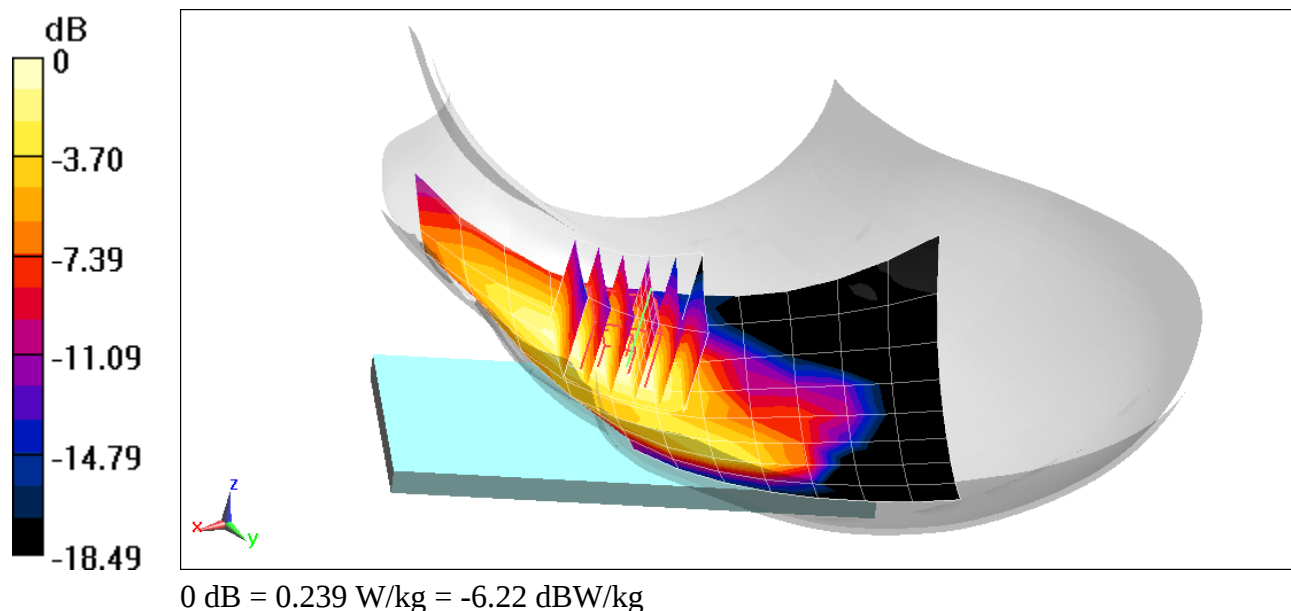
Area Scan (9x13x1): Measurement grid: dx=15mm, dy=15mm

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

Reference Value = 12.31 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.287 W/kg

SAR(1 g) = 0.173 W/kg



PCTEST

DUT: A3LSMA426U; Type: Portable Handset; Serial: 01859

Communication System: UID 0, NR Band n41 Full DC; Frequency: 2592.99 MHz; Duty Cycle: 1:1

Medium: 2450 Head Medium parameters used (interpolated):

$f = 2592.99$ MHz; $\sigma = 1.968$ S/m; $\epsilon_r = 38$; $\rho = 1000$ kg/m³

Phantom section: Right Section

Test Date: 02/04/2021; Ambient Temp: 20.6°C; Tissue Temp: 22.8°C

Probe: EX3DV4 - SN7308; ConvF(7.19, 7.19, 7.19) @ 2592.99 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 n41, Right Head, Cheek, 100 MHz Bandwidth,
DFT-s-OFDM QPSK, Ch. 518598, 135 RB, 0 RB Offset**

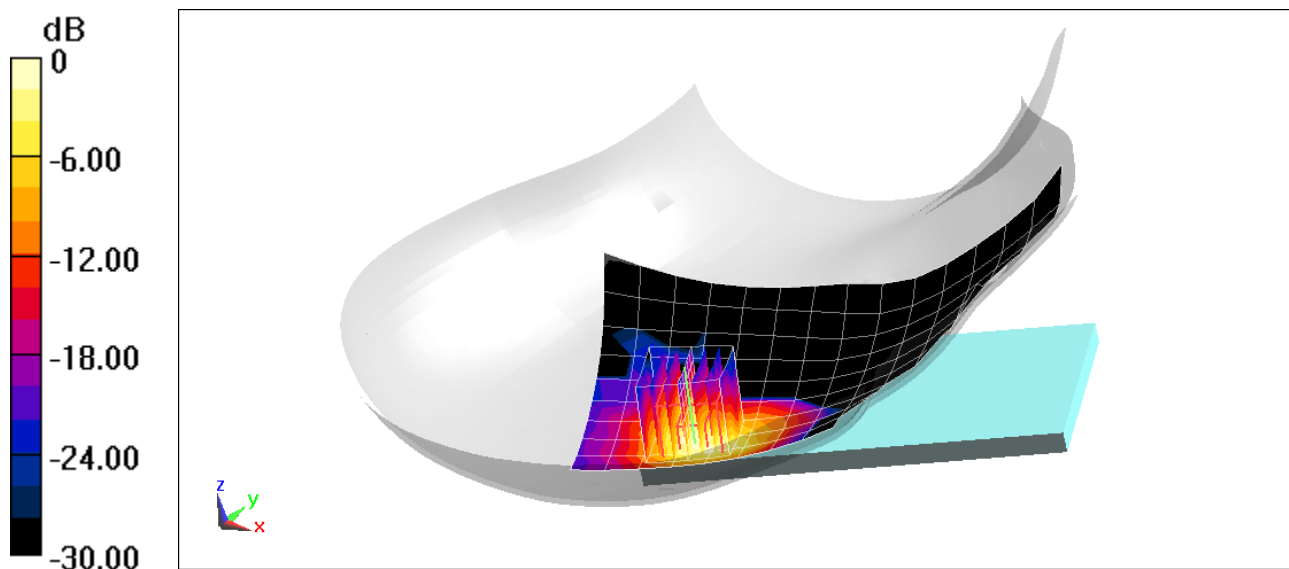
Area Scan (10x17x1): Measurement grid: dx=12mm, dy=12mm

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

Reference Value = 12.44 V/m; Power Drift = 0.17 dB

Peak SAR (extrapolated) = 0.526 W/kg

SAR(1 g) = 0.215 W/kg



0 dB = 0.392 W/kg = -4.07 dBW/kg

PCTEST

DUT: A3LSMA426U; Type: Portable Handset; Serial: 01768

Communication System: UID 0, NR Band n77; Frequency: 3750 MHz; Duty Cycle: 1:1

Medium: 3600 Head Medium parameters used:

$f = 3750 \text{ MHz}$; $\sigma = 3.15 \text{ S/m}$; $\epsilon_r = 38.549$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Right Section

Test Date: 02/19/2021; Ambient Temp: 21.2°C; Tissue Temp: 19.9°C

Probe: EX3DV4 - SN3589; ConvF(6.05, 6.05, 6.05) @ 3750 MHz; Calibrated: 1/20/2021

Sensor-Surface: 1.4mm (Mechanical Surface Detection)

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

Phantom: Twin-SAM V5.0 (20); Type: QD 000 P40 CD; Serial: 1646

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

**Mode: NR Band n77, Right Head, Tilt, Ch. 650000,
100 MHz Bandwidth, DFT-s-OFDM QPSK, 1 RB, 1 RB Offset**

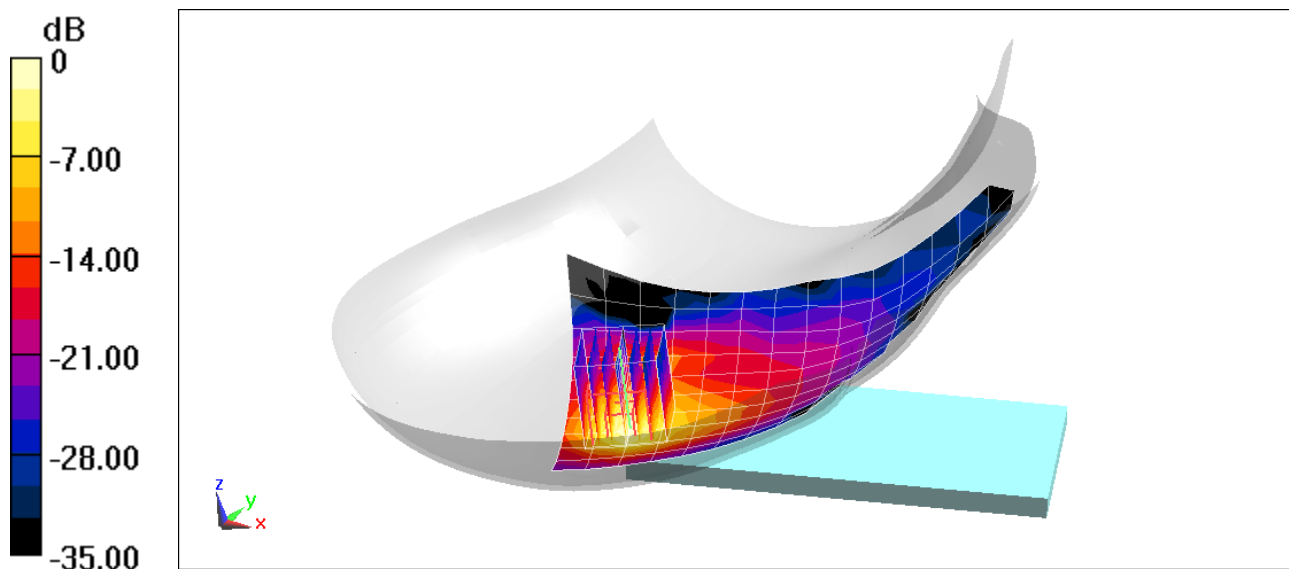
Area Scan (11x16x1): Measurement grid: dx=12mm, dy=12mm

Zoom Scan (7x7x8)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=1.4mm; Graded Ratio: 1.4

Reference Value = 21.45 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 3.12 W/kg

SAR(1 g) = 0.988 W/kg



0 dB = 1.92 W/kg = 2.83 dBW/kg

PCTEST

DUT: A3LSMA426U; Type: Portable Handset; Serial: 02030

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

Medium: 2450 Head Medium parameters used (interpolated):

$f = 2437$ MHz; $\sigma = 1.794$ S/m; $\epsilon_r = 40.989$; $\rho = 1000$ kg/m³

Phantom section: Right Section

Test Date: 02/09/2021; Ambient Temp: 22.5°C; Tissue Temp: 22.9°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: 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: IEEE 802.11b, 22 MHz Bandwidth,
Right Head, Cheek, Ch 6, 1 Mbps**

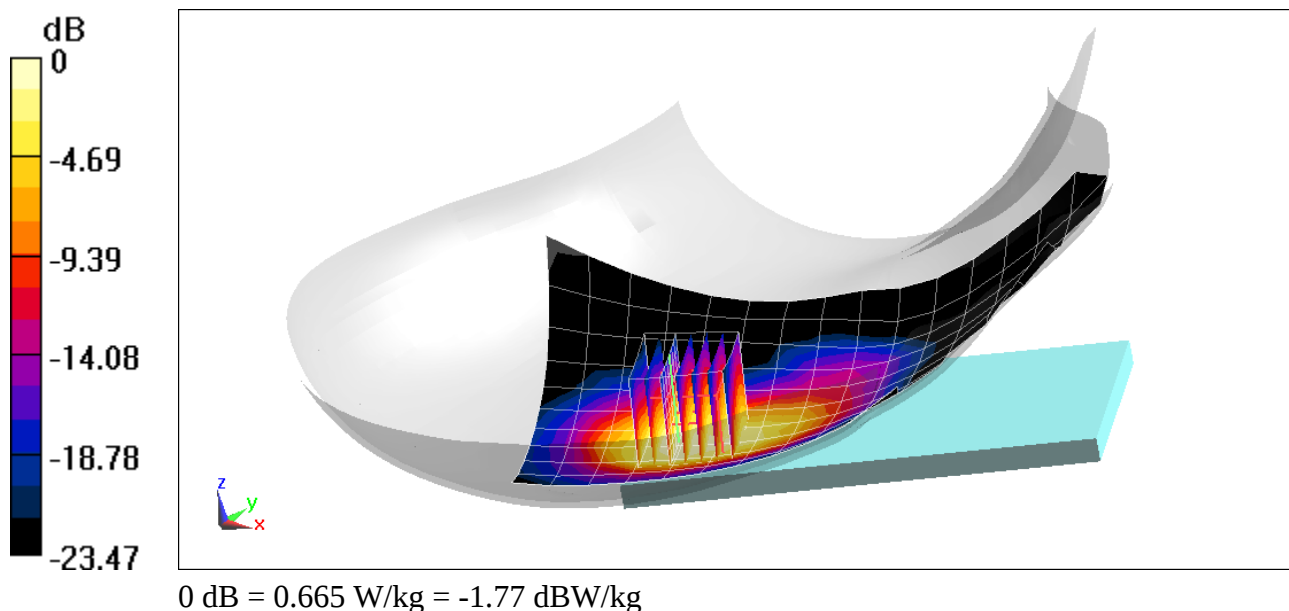
Area Scan (11x18x1): Measurement grid: dx=12mm, dy=12mm

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

Reference Value = 6.743 V/m; Power Drift = 0.12 dB

Peak SAR (extrapolated) = 0.804 W/kg

SAR(1 g) = 0.436 W/kg



PCTEST

DUT: A3LSMA426U; Type: Portable Handset; Serial: 02030

Communication System: UID 0, IEEE 802.11ac; Frequency: 5290 MHz; Duty Cycle: 1:1

Medium: 5200-5800 Head Medium parameters used:

$f = 5290 \text{ MHz}$; $\sigma = 4.653 \text{ S/m}$; $\epsilon_r = 35.159$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Right Section

Test Date: 02/09/2021; Ambient Temp: 23.2°C; Tissue Temp: 20.7°C

Probe: EX3DV4 - SN7357; ConvF(5.5, 5.5, 5.5) @ 5290 MHz; Calibrated: 4/21/2020

Sensor-Surface: 1.4mm (Mechanical Surface Detection)

Electronics: DAE4 Sn1407; Calibrated: 4/15/2020

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: IEEE 802.11ac, U-NII-2a, 80 MHz Bandwidth,
Right Head, Cheek, Ch 58, 29.3 Mbps**

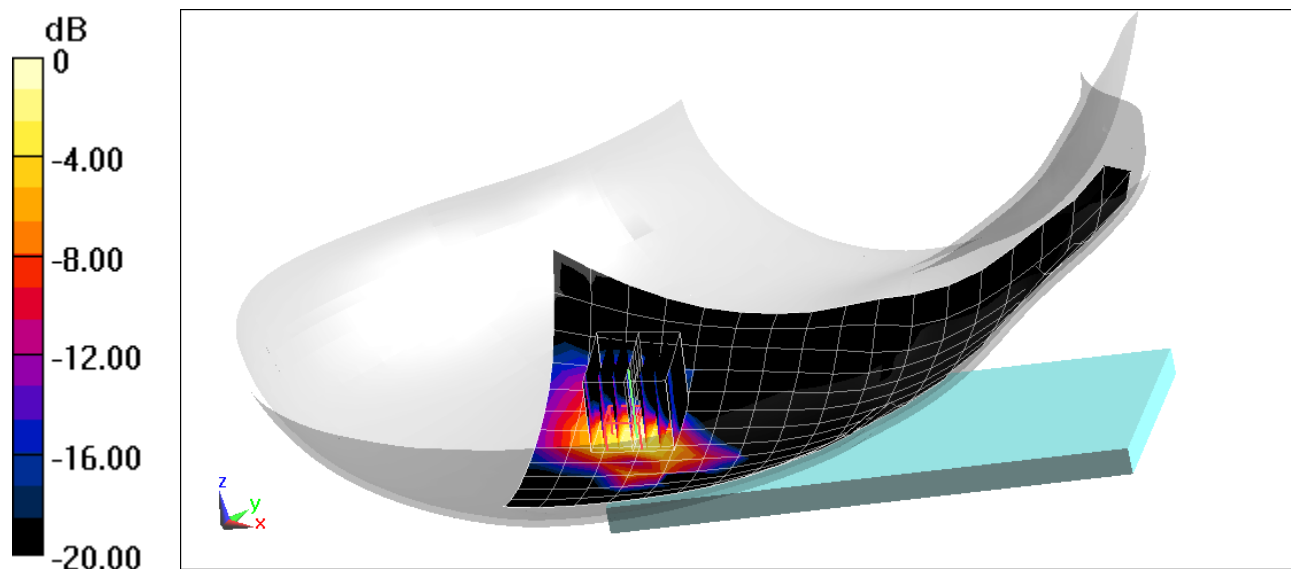
Area Scan (13x19x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$

Zoom Scan (8x7x7)/Cube 0: Measurement grid: $dx=4\text{mm}$, $dy=4\text{mm}$, $dz=1.4\text{mm}$; Graded Ratio: 1.4

Reference Value = 7.982 V/m; Power Drift = -0.14 dB

Peak SAR (extrapolated) = 1.08 W/kg

SAR(1 g) = 0.298 W/kg



0 dB = 0.698 W/kg = -1.56 dBW/kg

PCTEST

DUT: A3LSMA426U; Type: Portable Handset; Serial: 02030

Communication System: UID 0, Bluetooth; Frequency: 2441 MHz; Duty Cycle: 1:1.302

Medium: 2450 Head Medium parameters used (interpolated):

$f = 2441 \text{ MHz}$; $\sigma = 1.788 \text{ S/m}$; $\epsilon_r = 38.692$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Right Section

Test Date: 02/13/2021; Ambient Temp: 22.3°C; Tissue Temp: 21.7°C

Probe: EX3DV4 - SN7571; ConvF(7.28, 7.28, 7.28) @ 2441 MHz; Calibrated: 12/11/2020

Sensor-Surface: 1.4mm (Mechanical Surface Detection)

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

Phantom: Front Twin-SAM V5.0 (30); Type: QD 000 P40 CD; Serial: 1648

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

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

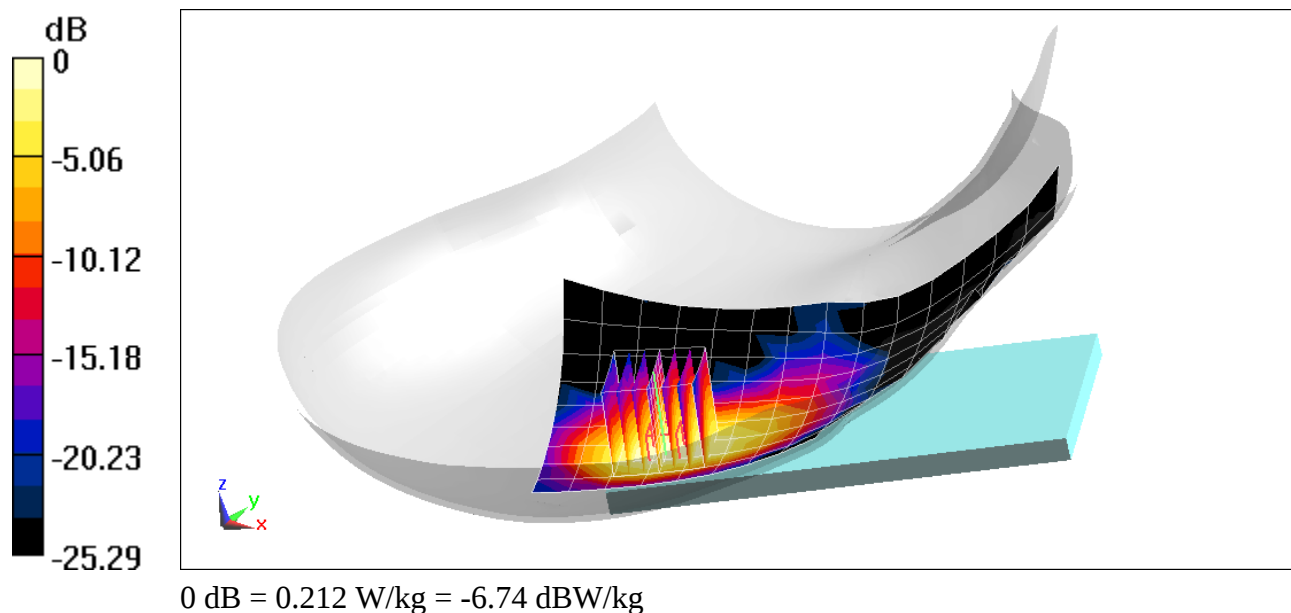
Area Scan (10x17x1): Measurement grid: $dx=12\text{mm}$, $dy=12\text{mm}$

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

Reference Value = 9.421 V/m; Power Drift = 0.15 dB

Peak SAR (extrapolated) = 0.252 W/kg

SAR(1 g) = 0.143 W/kg



PCTEST

DUT: A3LSMA426U; Type: Portable Handset; Serial: 01750

Communication System: UID 0, CDMA; Frequency: 820.1 MHz; Duty Cycle: 1:1

Medium: 835 Body Medium parameters used (interpolated):

$f = 820.1 \text{ MHz}$; $\sigma = 0.944 \text{ S/m}$; $\epsilon_r = 54.353$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section; Space: 1.5 cm

Test Date: 01/25/2021; Ambient Temp: 22.3°C; Tissue Temp: 21.6°C

Probe: EX3DV4 - SN7552; ConvF(9.96, 9.96, 9.96) @ 820.1 MHz; Calibrated: 9/11/2020

Sensor-Surface: 1.4mm (Mechanical Surface Detection)

Electronics: DAE4 Sn1449; Calibrated: 9/10/2020

Phantom: Twin-SAM V4.0 Left 30; Type: QD 000 P40 CC; Serial: 1687

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

Mode: Cell. CDMA BC10, Body SAR, Back side, Mid.ch

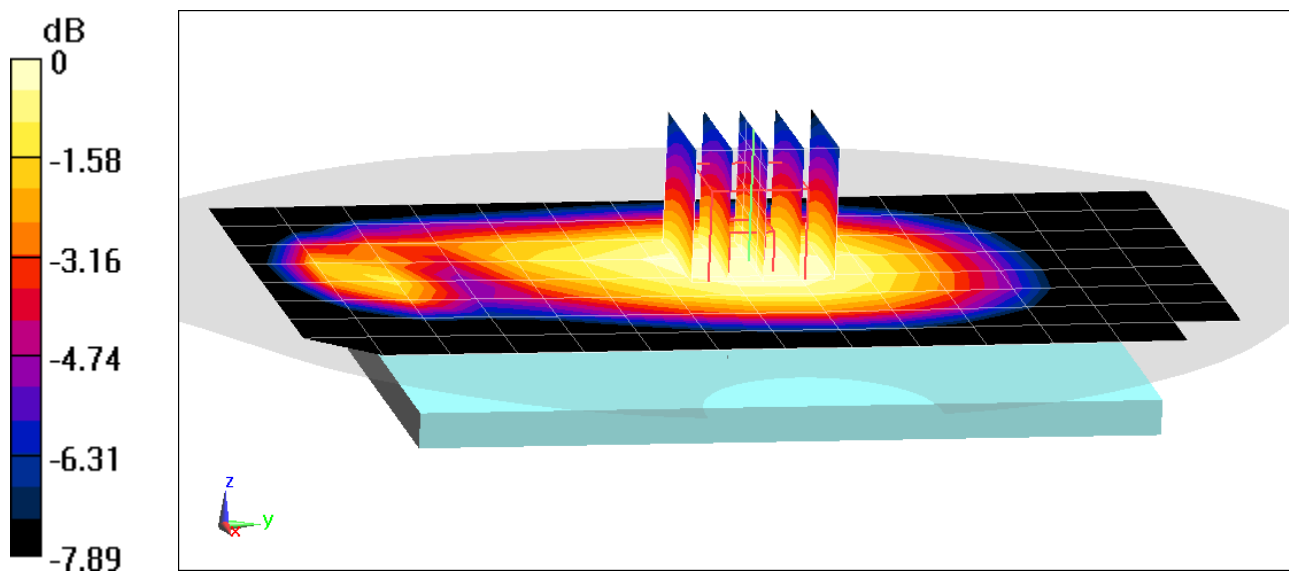
Area Scan (9x15x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Reference Value = 20.57 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 0.513 W/kg

SAR(1 g) = 0.387 W/kg



0 dB = 0.469 W/kg = -3.29 dBW/kg

PCTEST

DUT: A3LSMA426U; Type: Portable Handset; Serial: 01750

Communication System: UID 0, CDMA; Frequency: 820.1 MHz; Duty Cycle: 1:1

Medium: 835 Body Medium parameters used (interpolated):

$f = 820.1 \text{ MHz}$; $\sigma = 0.944 \text{ S/m}$; $\epsilon_r = 54.353$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section; Space: 1.0 cm

Test Date: 01/25/2021; Ambient Temp: 22.3°C; Tissue Temp: 21.6°C

Probe: EX3DV4 - SN7552; ConvF(9.96, 9.96, 9.96) @ 820.1 MHz; Calibrated: 9/11/2020

Sensor-Surface: 1.4mm (Mechanical Surface Detection)

Electronics: DAE4 Sn1449; Calibrated: 9/10/2020

Phantom: Twin-SAM V4.0 Left 30; Type: QD 000 P40 CC; Serial: 1687

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

Mode: Cell. EVDO BC10, Rev.0, Body SAR, Back side, Mid.ch

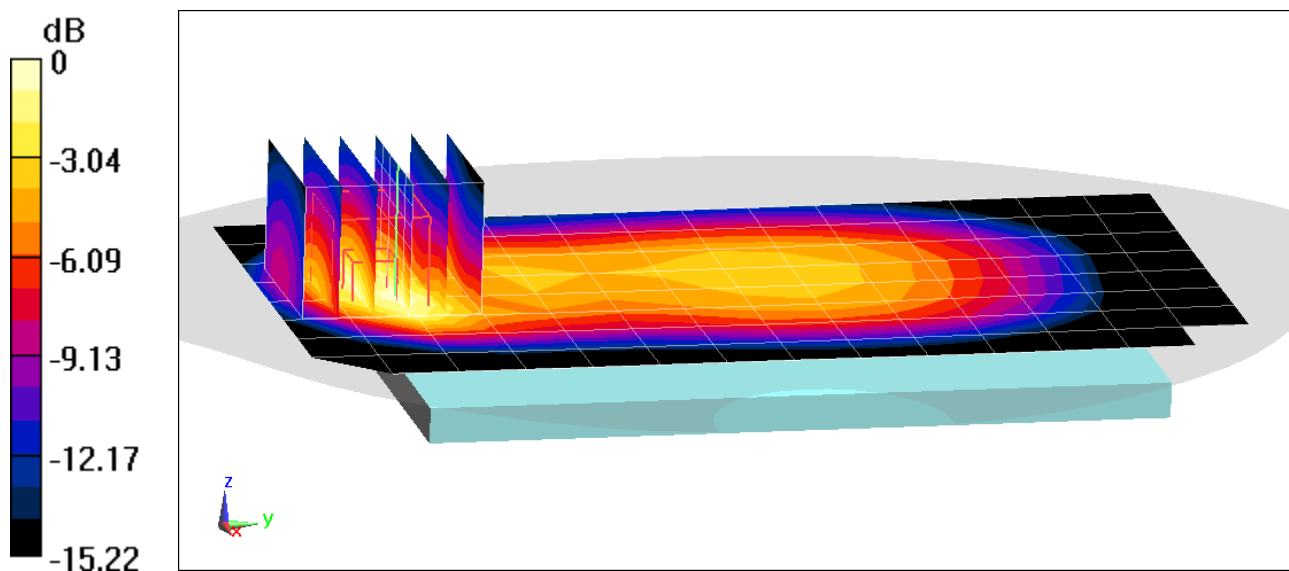
Area Scan (9x15x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Reference Value = 25.35 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 1.13 W/kg

SAR(1 g) = 0.589 W/kg



0 dB = 0.850 W/kg = -0.71 dBW/kg

PCTEST

DUT: A3LSMA426U; Type: Portable Handset; Serial: 01750

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

Medium: 835 Body Medium parameters used (interpolated):

$f = 836.52 \text{ MHz}$; $\sigma = 0.962 \text{ S/m}$; $\epsilon_r = 54.204$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section; Space: 1.5 cm

Test Date: 01/25/2021; Ambient Temp: 22.3°C; Tissue Temp: 21.6°C

Probe: EX3DV4 - SN7552; ConvF(9.96, 9.96, 9.96) @ 836.52 MHz; Calibrated: 9/11/2020

Sensor-Surface: 1.4mm (Mechanical Surface Detection)

Electronics: DAE4 Sn1449; Calibrated: 9/10/2020

Phantom: Twin-SAM V4.0 Left 30; Type: QD 000 P40 CC; Serial: 1687

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

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

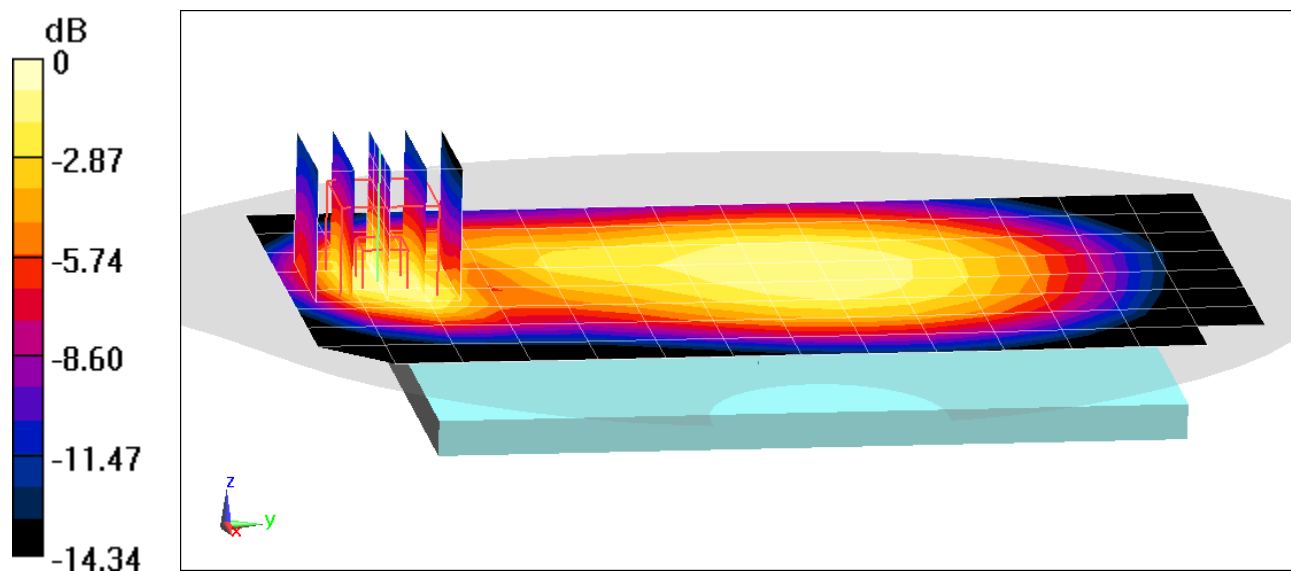
Area Scan (9x15x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Reference Value = 18.71 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.537 W/kg

SAR(1 g) = 0.309 W/kg



0 dB = 0.446 W/kg = -3.51 dBW/kg

PCTEST

DUT: A3LSMA426U; Type: Portable Handset; Serial: 01750

Communication System: UID 0, CDMA; Frequency: 824.7 MHz; Duty Cycle: 1:1

Medium: 835 Body Medium parameters used (interpolated):

$f = 824.7 \text{ MHz}$; $\sigma = 0.949 \text{ S/m}$; $\epsilon_r = 54.311$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section; Space: 1.0 cm

Test Date: 01/25/2021; Ambient Temp: 22.3°C; Tissue Temp: 21.6°C

Probe: EX3DV4 - SN7552; ConvF(9.96, 9.96, 9.96) @ 824.7 MHz; Calibrated: 9/11/2020

Sensor-Surface: 1.4mm (Mechanical Surface Detection)

Electronics: DAE4 Sn1449; Calibrated: 9/10/2020

Phantom: Twin-SAM V4.0 Left 30; Type: QD 000 P40 CC; Serial: 1687

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

Mode: Cell. EVDO, BC 0, Rev.0, Body SAR, Back side, Low.ch

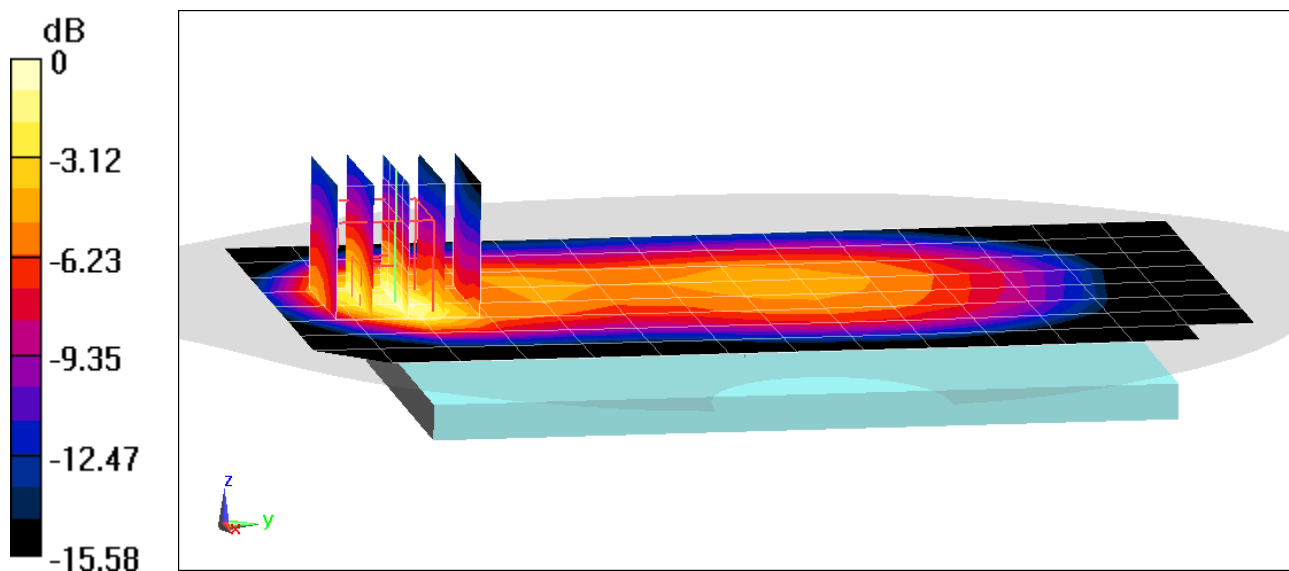
Area Scan (9x15x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Reference Value = 26.88 V/m; Power Drift = 0.00 dB

Peak SAR (extrapolated) = 1.22 W/kg

SAR(1 g) = 0.638 W/kg



0 dB = 0.982 W/kg = -0.08 dBW/kg

PCTEST

DUT: A3LSMA426U; Type: Portable Handset; Serial: 01750

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

Medium: 1900 Body Medium parameters used:

$f = 1880 \text{ MHz}$; $\sigma = 1.516 \text{ S/m}$; $\epsilon_r = 53.076$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section; Space: 1.5 cm

Test Date: 01/24/2021; Ambient Temp: 22.1°C; Tissue Temp: 22.6°C

Probe: EX3DV4 - SN7410; ConvF(7.76, 7.76, 7.76) @ 1880 MHz; Calibrated: 7/20/2020

Sensor-Surface: 1.4mm (Mechanical Surface Detection)

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

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

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

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

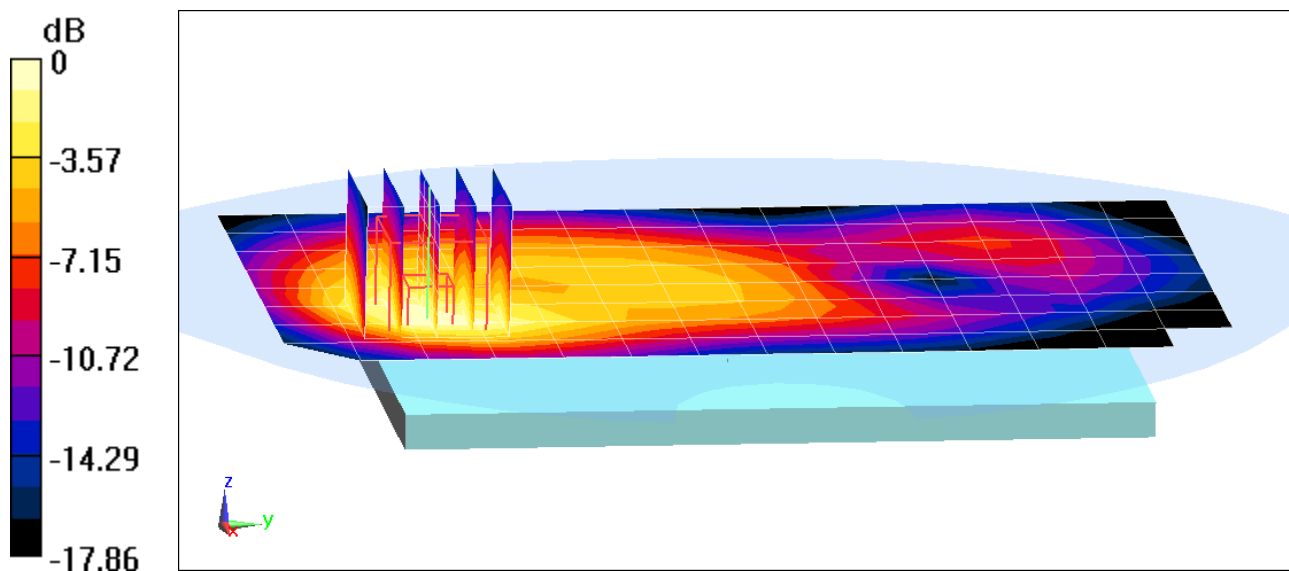
Area Scan (9x15x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Reference Value = 18.33 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 0.785 W/kg

SAR(1 g) = 0.463 W/kg



0 dB = 0.672 W/kg = -1.73 dBW/kg

PCTEST

DUT: A3LSMA426U; Type: Portable Handset; Serial: 01750

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

Medium: 1900 Body Medium parameters used:

$f = 1880 \text{ MHz}$; $\sigma = 1.494 \text{ S/m}$; $\epsilon_r = 52.226$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section; Space: 1.0 cm

Test Date: 01/27/2021; Ambient Temp: 21.7°C; Tissue Temp: 22.2°C

Probe: EX3DV4 - SN7410; ConvF(7.76, 7.76, 7.76) @ 1880 MHz; Calibrated: 7/20/2020

Sensor-Surface: 1.4mm (Mechanical Surface Detection)

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

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

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

Mode: PCS EVDO, Body SAR, Back side, Mid.ch

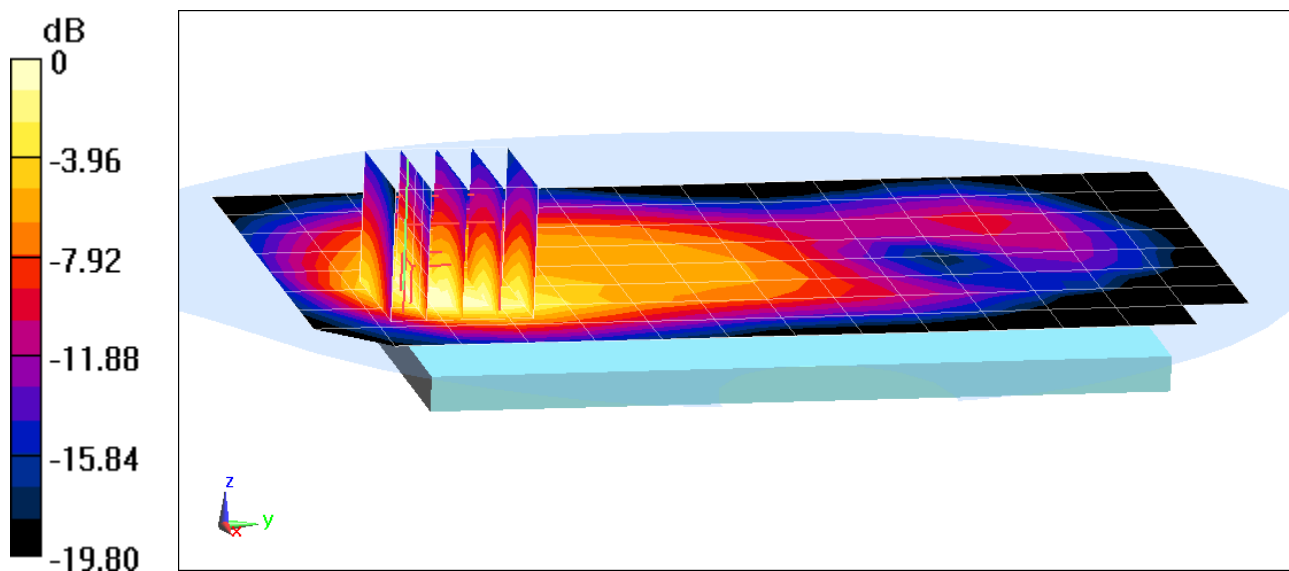
Area Scan (9x15x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Reference Value = 14.90 V/m; Power Drift = 0.00 dB

Peak SAR (extrapolated) = 0.562 W/kg

SAR(1 g) = 0.302 W/kg



0 dB = 0.463 W/kg = -3.34 dBW/kg

PCTEST

DUT: A3LSMA426U; Type: Portable Handset; Serial: 01875

Communication System: UID 0, GSM; Frequency: 836.6 MHz; Duty Cycle: 1:8.3

Medium: 835 Body Medium parameters used (interpolated):

$f = 836.6 \text{ MHz}$; $\sigma = 0.961 \text{ S/m}$; $\epsilon_r = 53.566$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section; Space: 1.5 cm

Test Date: 01/20/2021; Ambient Temp: 23.1°C; Tissue Temp: 22.3°C

Probe: EX3DV4 - SN7552; ConvF(9.96, 9.96, 9.96) @ 836.6 MHz; Calibrated: 9/11/2020

Sensor-Surface: 1.4mm (Mechanical Surface Detection)

Electronics: DAE4 Sn1449; Calibrated: 9/10/2020

Phantom: Twin-SAM V4.0 Left 30; Type: QD 000 P40 CC; Serial: 1687

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

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

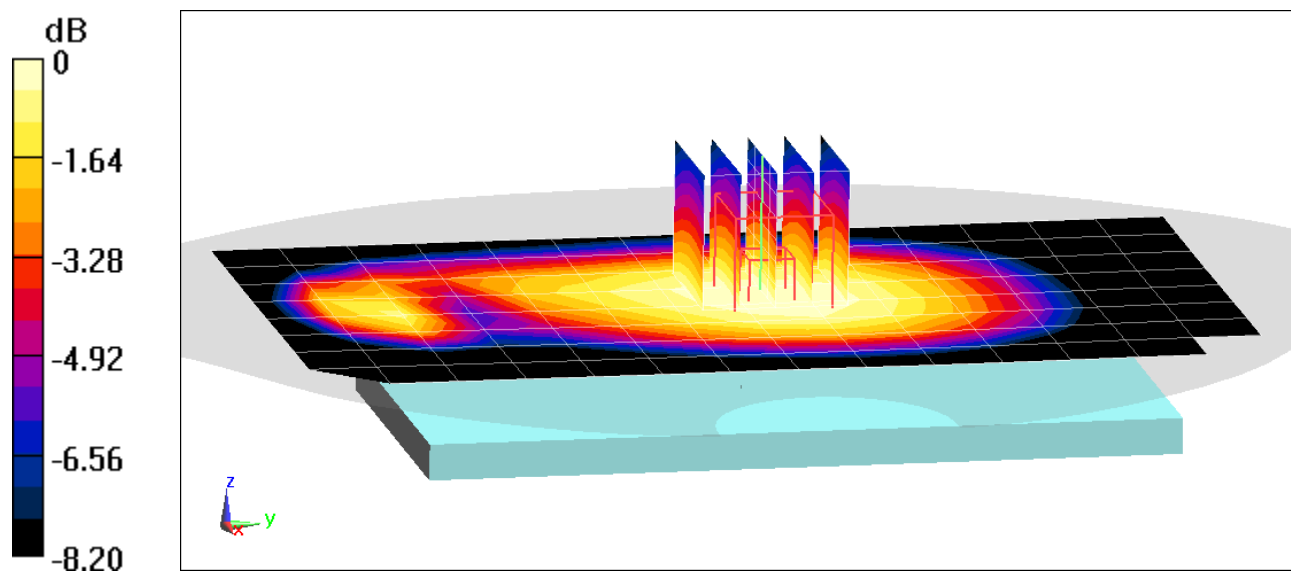
Area Scan (9x15x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Reference Value = 17.31 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 0.370 W/kg

SAR(1 g) = 0.280 W/kg



0 dB = 0.339 W/kg = -4.70 dBW/kg

PCTEST

DUT: A3LSMA426U; Type: Portable Handset; Serial: 01875

Communication System: UID 0, GSM GPRS; 4 Tx slots; Frequency: 824.2 MHz; Duty Cycle: 1:2.076

Medium: 835 Body Medium parameters used (interpolated):

$f = 824.2 \text{ MHz}$; $\sigma = 0.947 \text{ S/m}$; $\epsilon_r = 53.691$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section; Space: 1.0 cm

Test Date: 01/20/2021; Ambient Temp: 23.1°C; Tissue Temp: 22.3°C

Probe: EX3DV4 - SN7552; ConvF(9.96, 9.96, 9.96) @ 824.2 MHz; Calibrated: 9/11/2020

Sensor-Surface: 1.4mm (Mechanical Surface Detection)

Electronics: DAE4 Sn1449; Calibrated: 9/10/2020

Phantom: Twin-SAM V4.0 Left 30; Type: QD 000 P40 CC; Serial: 1687

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

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

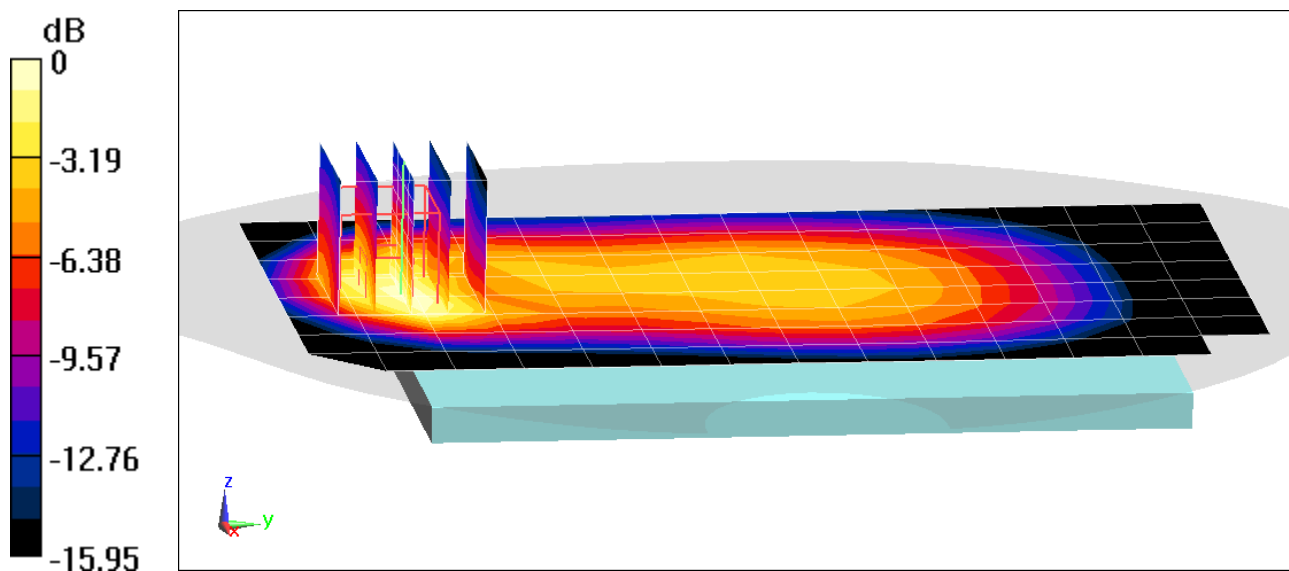
Area Scan (9x15x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Reference Value = 28.31 V/m; Power Drift = 0.16 dB

Peak SAR (extrapolated) = 1.37 W/kg

SAR(1 g) = 0.715 W/kg



0 dB = 1.10 W/kg = 0.41 dBW/kg

PCTEST

DUT: A3LSMA426U; Type: Portable Handset; Serial: 01826

Communication System: UID 0, GSM; Frequency: 1880 MHz; Duty Cycle: 1:8.3

Medium: 1900 Body Medium parameters used:

$f = 1880 \text{ MHz}$; $\sigma = 1.516 \text{ S/m}$; $\epsilon_r = 53.076$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section; Space: 1.5 cm

Test Date: 01/24/2021; Ambient Temp: 22.1°C; Tissue Temp: 22.6°C

Probe: EX3DV4 - SN7410; ConvF(7.76, 7.76, 7.76) @ 1880 MHz; Calibrated: 7/20/2020

Sensor-Surface: 1.4mm (Mechanical Surface Detection)

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

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

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

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

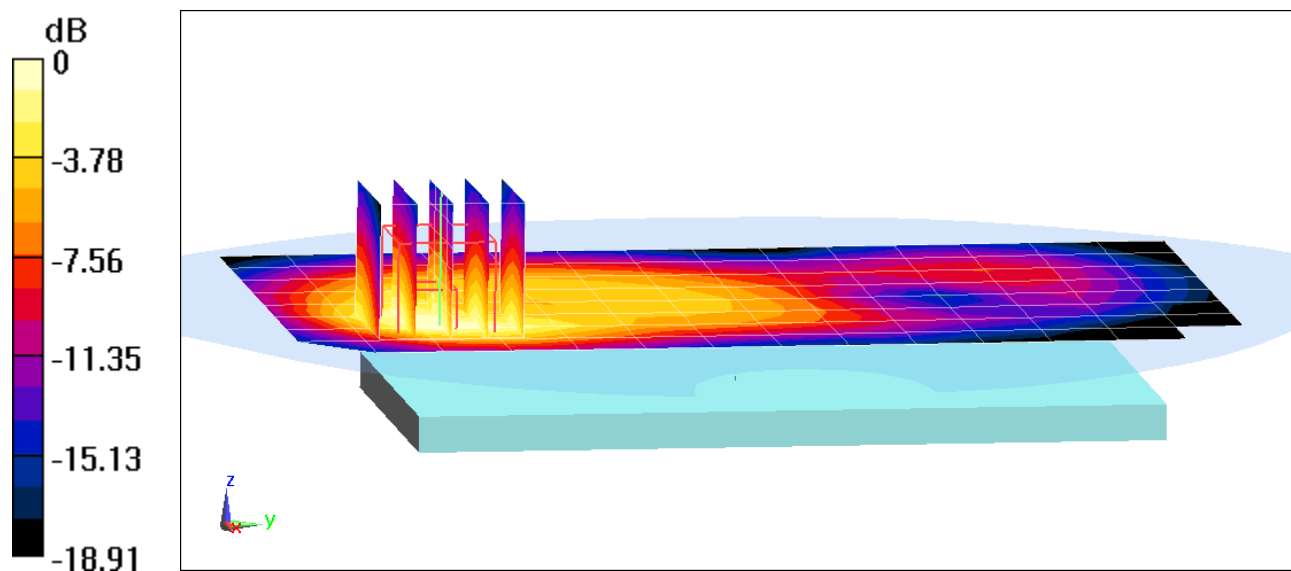
Area Scan (9x15x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Reference Value = 10.94 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.282 W/kg

SAR(1 g) = 0.163 W/kg



0 dB = 0.239 W/kg = -6.22 dBW/kg

PCTEST

DUT: A3LSMA426U; Type: Portable Handset; Serial: 01826

Communication System: UID 0, GSM GPRS; 3 Tx slots; Frequency: 1850.2 MHz; Duty Cycle: 1:2.76

Medium: 1900 Body Medium parameters used (interpolated):

$f = 1850.2 \text{ MHz}$; $\sigma = 1.485 \text{ S/m}$; $\epsilon_r = 53.165$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section; Space: 1.0 cm

Test Date: 01/24/2021; Ambient Temp: 22.1°C; Tissue Temp: 22.6°C

Probe: EX3DV4 - SN7410; ConvF(7.76, 7.76, 7.76) @ 1850.2 MHz; Calibrated: 7/20/2020

Sensor-Surface: 1.4mm (Mechanical Surface Detection)

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

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

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

Mode: GPRS 1900, Body SAR, Back side, Low.ch, 3 Tx Slots

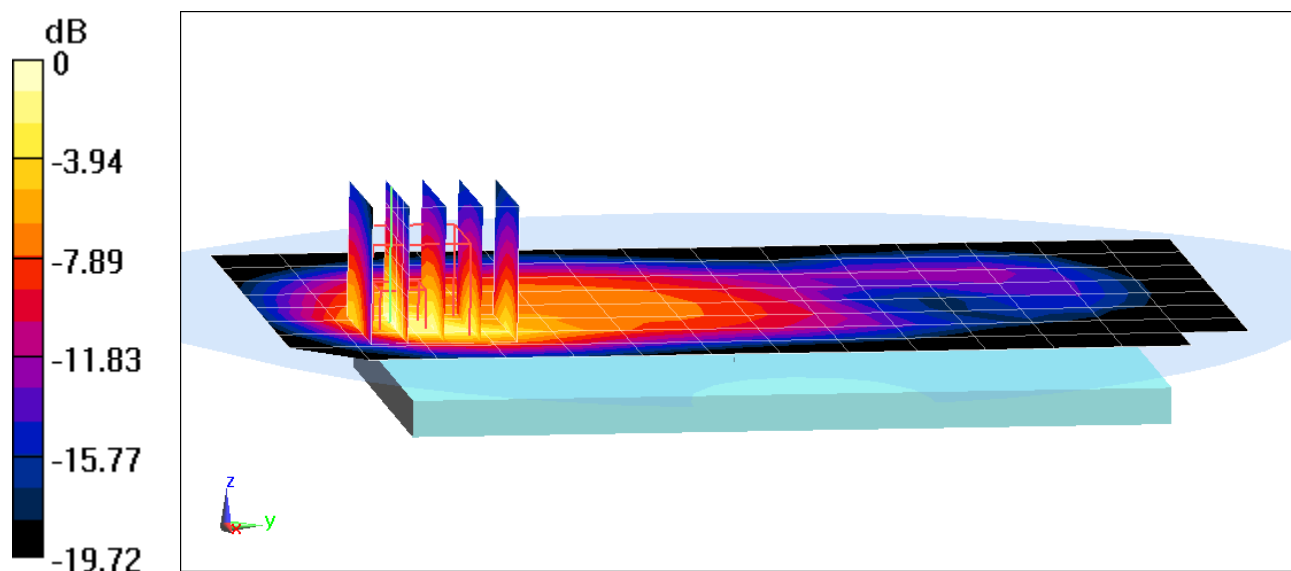
Area Scan (9x15x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Reference Value = 22.96 V/m; Power Drift = 0.13 dB

Peak SAR (extrapolated) = 1.55 W/kg

SAR(1 g) = 0.782 W/kg



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

PCTEST

DUT: A3LSMA426U; Type: Portable Handset; Serial: 01750

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

Medium: 835 Body Medium parameters used (interpolated):

$f = 836.6 \text{ MHz}$; $\sigma = 0.962 \text{ S/m}$; $\epsilon_r = 53.648$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section; Space: 1.5 cm

Test Date: 01/23/2021; Ambient Temp: 22.3°C; Tissue Temp: 21.8°C

Probe: EX3DV4 - SN7552; ConvF(9.96, 9.96, 9.96) @ 836.6 MHz; Calibrated: 9/11/2020

Sensor-Surface: 1.4mm (Mechanical Surface Detection)

Electronics: DAE4 Sn1449; Calibrated: 9/10/2020

Phantom: Twin-SAM V4.0 Left 30; Type: QD 000 P40 CC; Serial: 1687

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

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

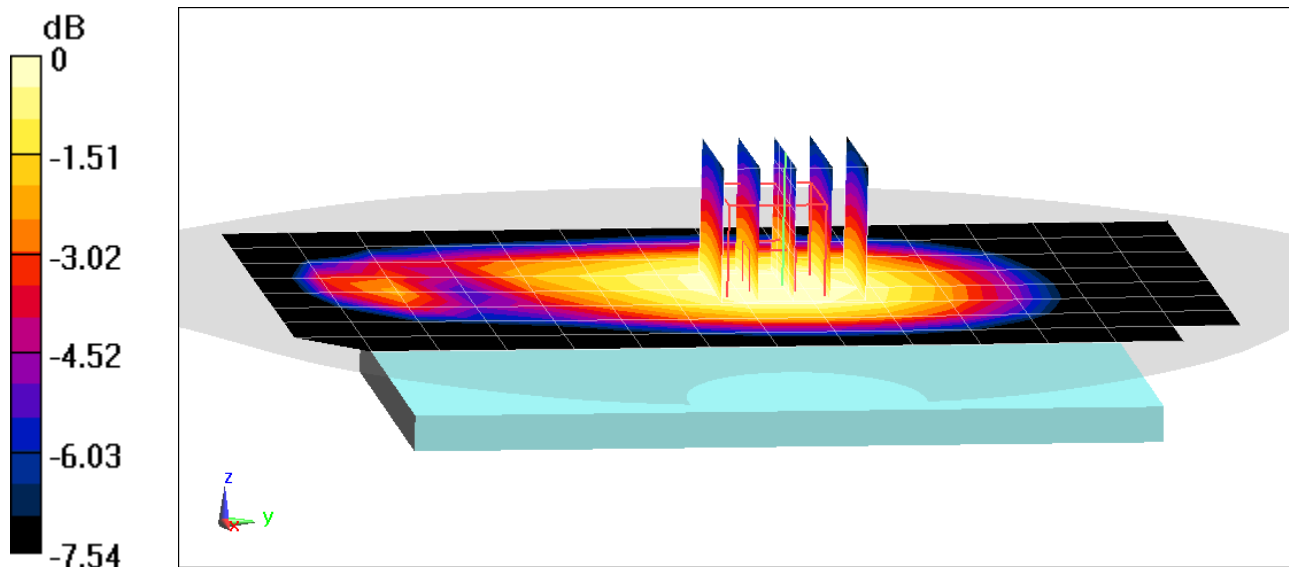
Area Scan (9x15x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Reference Value = 15.19 V/m; Power Drift = 0.00 dB

Peak SAR (extrapolated) = 0.281 W/kg

SAR(1 g) = 0.215 W/kg



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

PCTEST

DUT: A3LSMA426U; Type: Portable Handset; Serial: 01750

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

Medium: 835 Body Medium parameters used (interpolated):

$f = 836.6 \text{ MHz}$; $\sigma = 0.962 \text{ S/m}$; $\epsilon_r = 53.648$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section; Space: 1.0 cm

Test Date: 01/23/2021; Ambient Temp: 22.3°C; Tissue Temp: 21.8°C

Probe: EX3DV4 - SN7552; ConvF(9.96, 9.96, 9.96) @ 836.6 MHz; Calibrated: 9/11/2020

Sensor-Surface: 1.4mm (Mechanical Surface Detection)

Electronics: DAE4 Sn1449; Calibrated: 9/10/2020

Phantom: Twin-SAM V4.0 Left 30; Type: QD 000 P40 CC; Serial: 1687

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

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

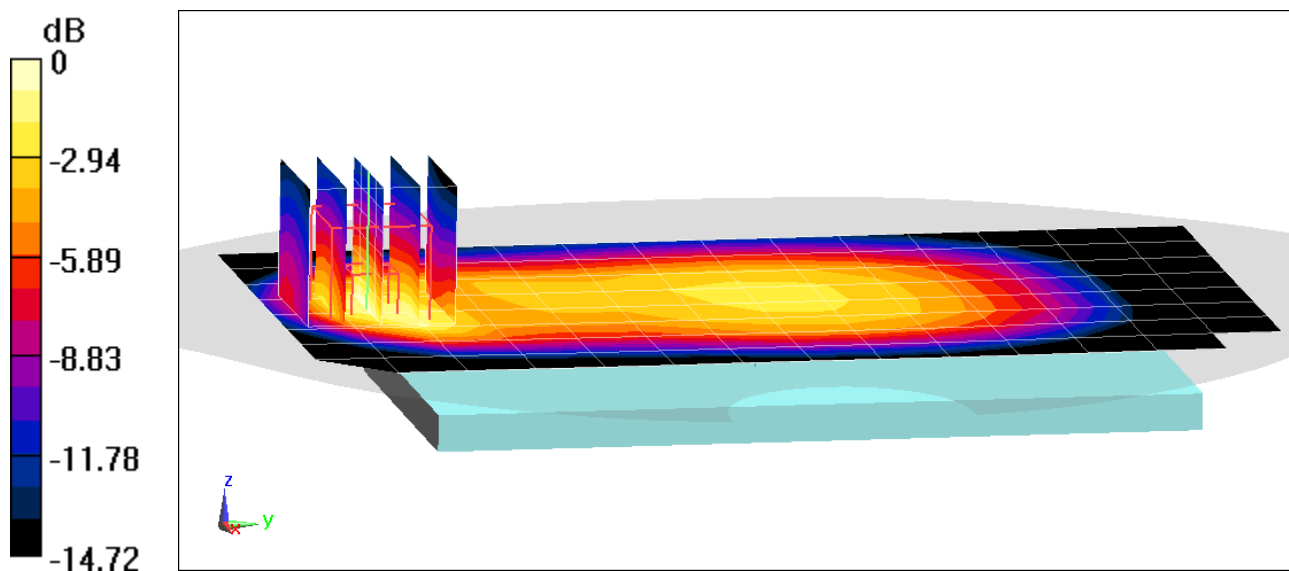
Area Scan (9x15x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Reference Value = 21.06 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.740 W/kg

SAR(1 g) = 0.390 W/kg



0 dB = 0.594 W/kg = -2.26 dBW/kg

PCTEST

DUT: A3LSMA426U; Type: Portable Handset; Serial: 01685

Communication System: UID 0, UMTS; Frequency: 1752.6 MHz; Duty Cycle: 1:1

Medium: 1750 Body Medium parameters used (interpolated):

$f = 1752.6$ MHz; $\sigma = 1.534$ S/m; $\epsilon_r = 50.894$; $\rho = 1000$ kg/m³

Phantom section: Flat Section; Space: 1.5 cm

Test Date: 01/26/2021; Ambient Temp: 23.2°C; Tissue Temp: 21.1°C

Probe: EX3DV4 - SN7406; ConvF(7.96, 7.96, 7.96) @ 1752.6 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: UMTS 1750, Body SAR, Back side, High.ch

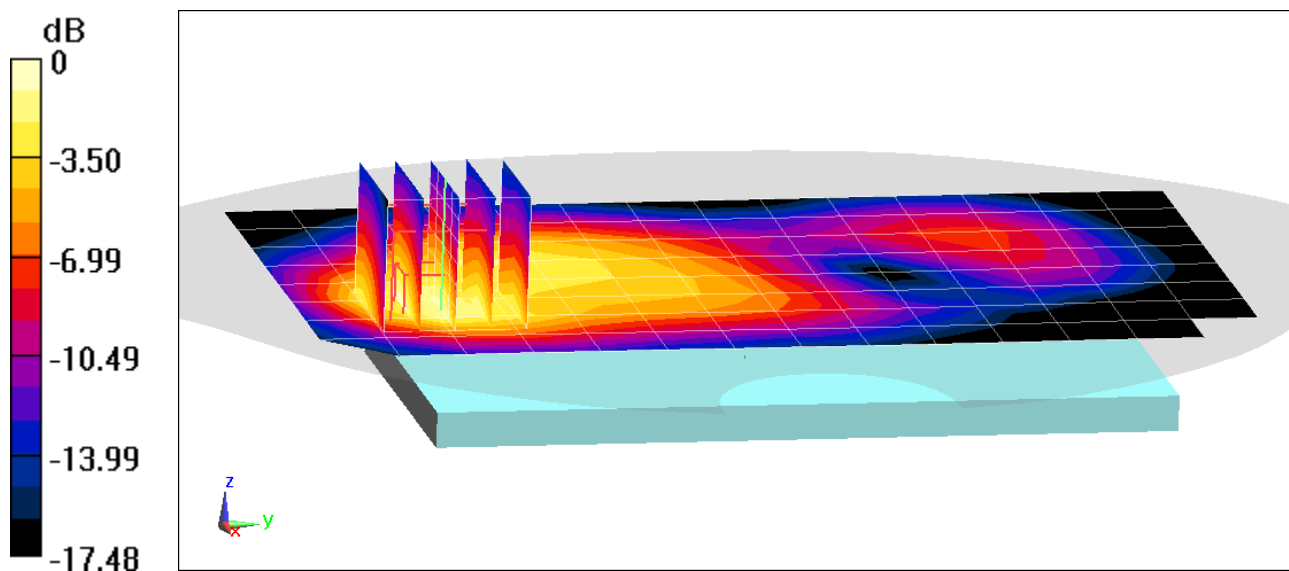
Area Scan (9x15x1): Measurement grid: dx=15mm, dy=15mm

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

Reference Value = 21.07 V/m; Power Drift = 0.00 dB

Peak SAR (extrapolated) = 1.14 W/kg

SAR(1 g) = 0.649 W/kg



0 dB = 0.918 W/kg = -0.37 dBW/kg

PCTEST

DUT: A3LSMA426U; Type: Portable Handset; Serial: 01792

Communication System: UID 0, UMTS; Frequency: 1752.6 MHz; Duty Cycle: 1:1

Medium: 1750 Body Medium parameters used (interpolated):

$f = 1752.6$ MHz; $\sigma = 1.48$ S/m; $\epsilon_r = 51.645$; $\rho = 1000$ kg/m³

Phantom section: Flat Section; Space: 1.0 cm

Test Date: 01/30/2021; Ambient Temp: 23.4°C; Tissue Temp: 22.0°C

Probe: EX3DV4 - SN7406; ConvF(7.96, 7.96, 7.96) @ 1752.6 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: UMTS 1750, Body SAR, Back side, High.ch

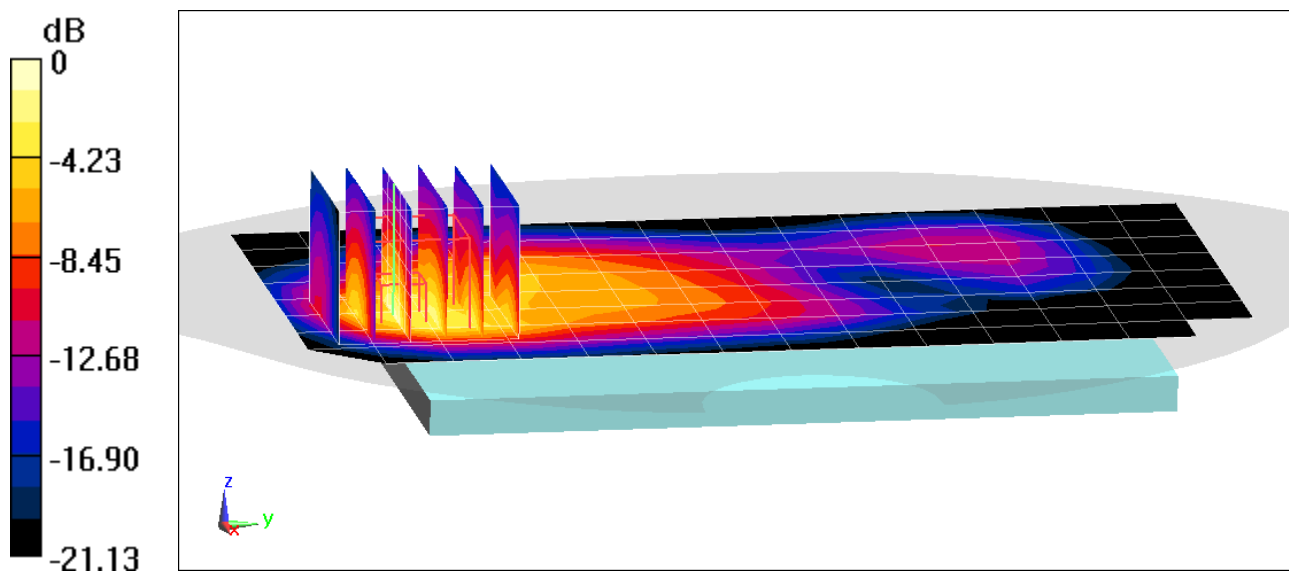
Area Scan (9x15x1): Measurement grid: dx=15mm, dy=15mm

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

Reference Value = 22.80 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 1.66 W/kg

SAR(1 g) = 0.825 W/kg



0 dB = 1.35 W/kg = 1.30 dBW/kg

PCTEST

DUT: A3LSMA426U; Type: Portable Handset; Serial: 01750

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

Medium: 1900 Body Medium parameters used:

$f = 1880 \text{ MHz}$; $\sigma = 1.494 \text{ S/m}$; $\epsilon_r = 52.226$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section; Space: 1.5 cm

Test Date: 01/27/2021; Ambient Temp: 21.7°C; Tissue Temp: 22.2°C

Probe: EX3DV4 - SN7410; ConvF(7.76, 7.76, 7.76) @ 1880 MHz; Calibrated: 7/20/2020

Sensor-Surface: 1.4mm (Mechanical Surface Detection)

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

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

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

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

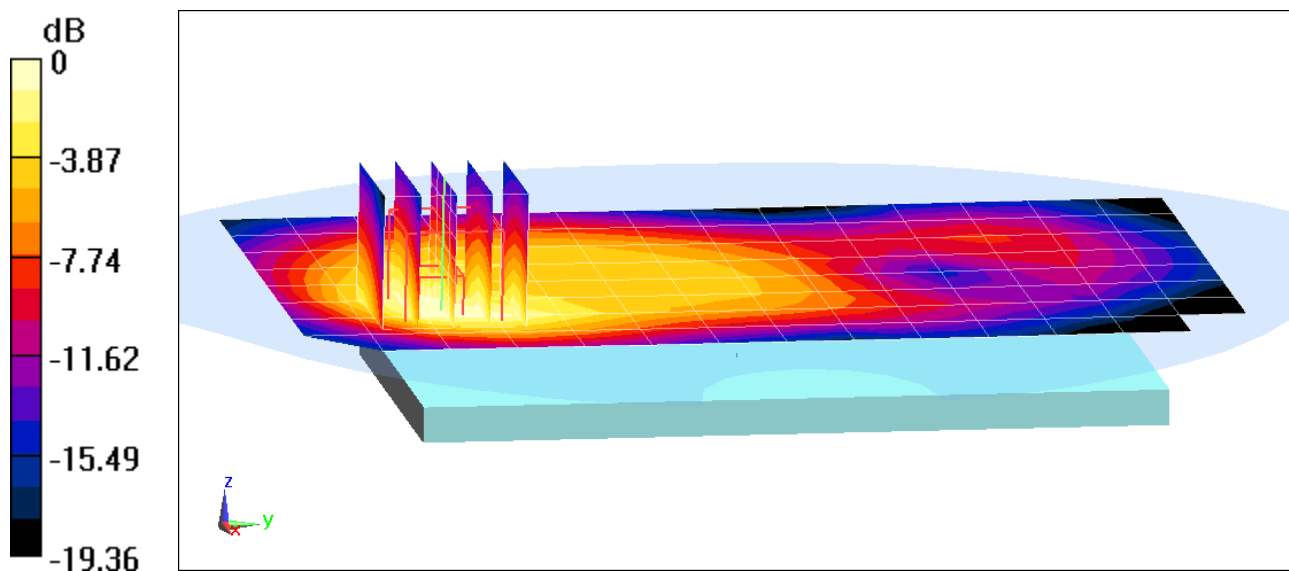
Area Scan (9x15x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Reference Value = 12.89 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 0.380 W/kg

SAR(1 g) = 0.223 W/kg



0 dB = 0.326 W/kg = -4.87 dBW/kg

PCTEST

DUT: A3LSMA426U; Type: Portable Handset; Serial: 01750

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

Medium: 1900 Body Medium parameters used:

$f = 1880 \text{ MHz}$; $\sigma = 1.494 \text{ S/m}$; $\epsilon_r = 52.226$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section; Space: 1.0 cm

Test Date: 01/27/2021; Ambient Temp: 21.7°C; Tissue Temp: 22.2°C

Probe: EX3DV4 - SN7410; ConvF(7.76, 7.76, 7.76) @ 1880 MHz; Calibrated: 7/20/2020

Sensor-Surface: 1.4mm (Mechanical Surface Detection)

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

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

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

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

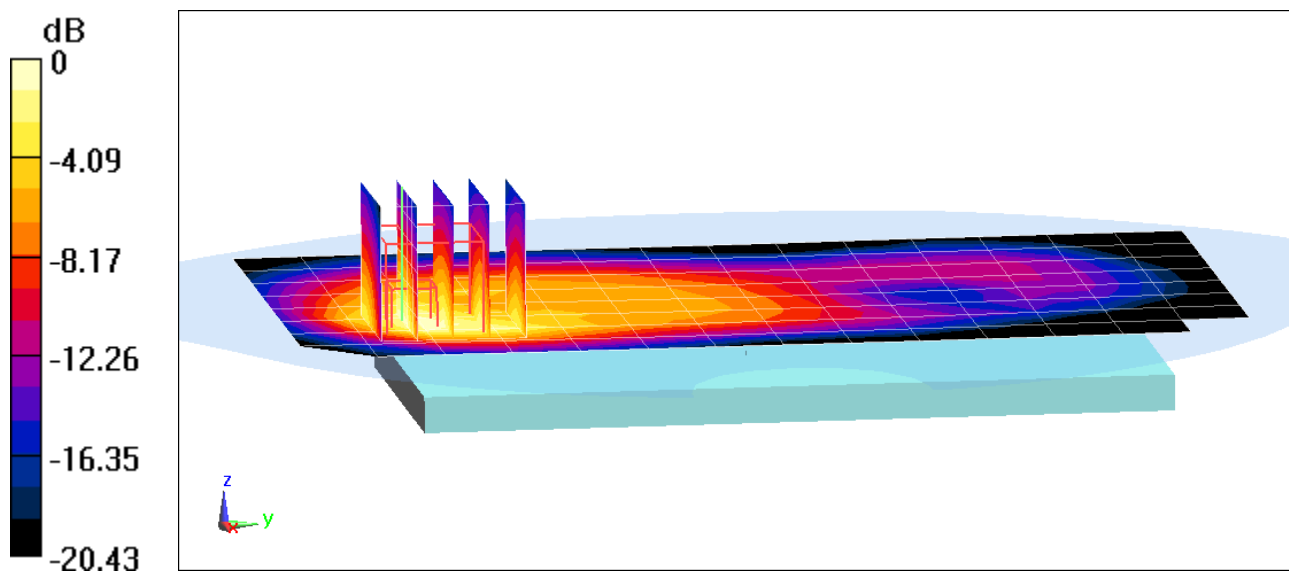
Area Scan (9x15x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Reference Value = 16.81 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 0.752 W/kg

SAR(1 g) = 0.395 W/kg



0 dB = 0.628 W/kg = -2.02 dBW/kg

PCTEST

DUT: A3LSMA426U; Type: Portable Handset; Serial: 01701

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

Medium: 750 Body Medium parameters used (interpolated):

$f = 680.5 \text{ MHz}$; $\sigma = 0.915 \text{ S/m}$; $\epsilon_r = 55.989$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section; Space: 1.5 cm

Test Date: 02/12/2021; Ambient Temp: 22.9°C; Tissue Temp: 21.8°C

Probe: EX3DV4 - SN7571; ConvF(10.24, 10.24, 10.24) @ 680.5 MHz; Calibrated: 12/11/2020

Sensor-Surface: 1.4mm (Mechanical Surface Detection)

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

Phantom: Front Twin-SAM V5.0 (30); Type: QD 000 P40 CD; Serial: 1648

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

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

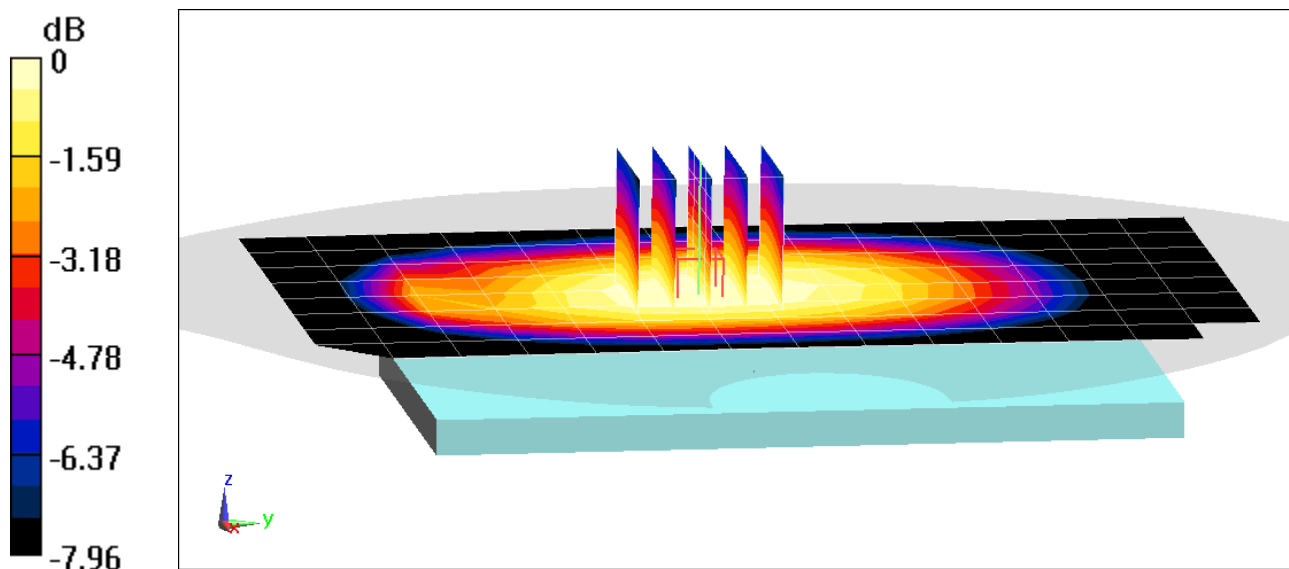
Area Scan (9x15x1): Measurement grid: dx=15mm, dy=15mm

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

Reference Value = 20.32 V/m; Power Drift = 0.00 dB

Peak SAR (extrapolated) = 0.495 W/kg

SAR(1 g) = 0.372 W/kg



PCTEST

DUT: A3LSMA426U; Type: Portable Handset; Serial: 01701

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

Medium: 750 Body Medium parameters used (interpolated):

$f = 680.5 \text{ MHz}$; $\sigma = 0.915 \text{ S/m}$; $\epsilon_r = 55.989$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section; Space: 1.0 cm

Test Date: 02/12/2021; Ambient Temp: 22.9°C; Tissue Temp: 21.8°C

Probe: EX3DV4 - SN7571; ConvF(10.24, 10.24, 10.24) @ 680.5 MHz; Calibrated: 12/11/2020

Sensor-Surface: 1.4mm (Mechanical Surface Detection)

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

Phantom: Front Twin-SAM V5.0 (30); Type: QD 000 P40 CD; Serial: 1648

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

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

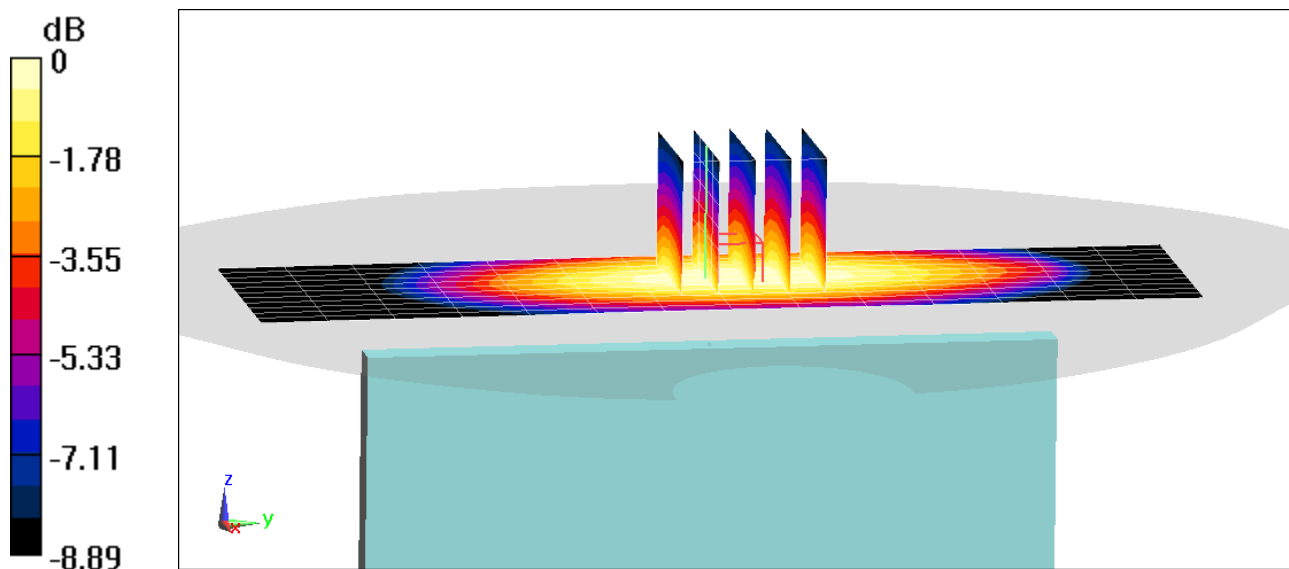
Area Scan (12x15x1): Measurement grid: dx=5mm, dy=15mm

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

Reference Value = 21.44 V/m; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 0.602 W/kg

SAR(1 g) = 0.407 W/kg



0 dB = 0.528 W/kg = -2.77 dBW/kg

PCTEST

DUT: A3LSMA426U; Type: Portable Handset; Serial: 01743

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; $\sigma = 0.928$ S/m; $\epsilon_r = 55.899$; $\rho = 1000$ kg/m³

Phantom section: Flat Section; Space: 1.5 cm

Test Date: 01/25/2021; Ambient Temp: 23.3°C; Tissue Temp: 20.8°C

Probe: EX3DV4 - SN7539; ConvF(10.24, 10.24, 10.24) @ 707.5 MHz; Calibrated: 10/20/2020

Sensor-Surface: 1.4mm (Mechanical Surface Detection)

Electronics: DAE4 Sn728; Calibrated: 5/20/2020

Phantom: Twin-SAM V5.0 (left 20); Type: QD 000 P40 CD; Serial: 1630

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

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

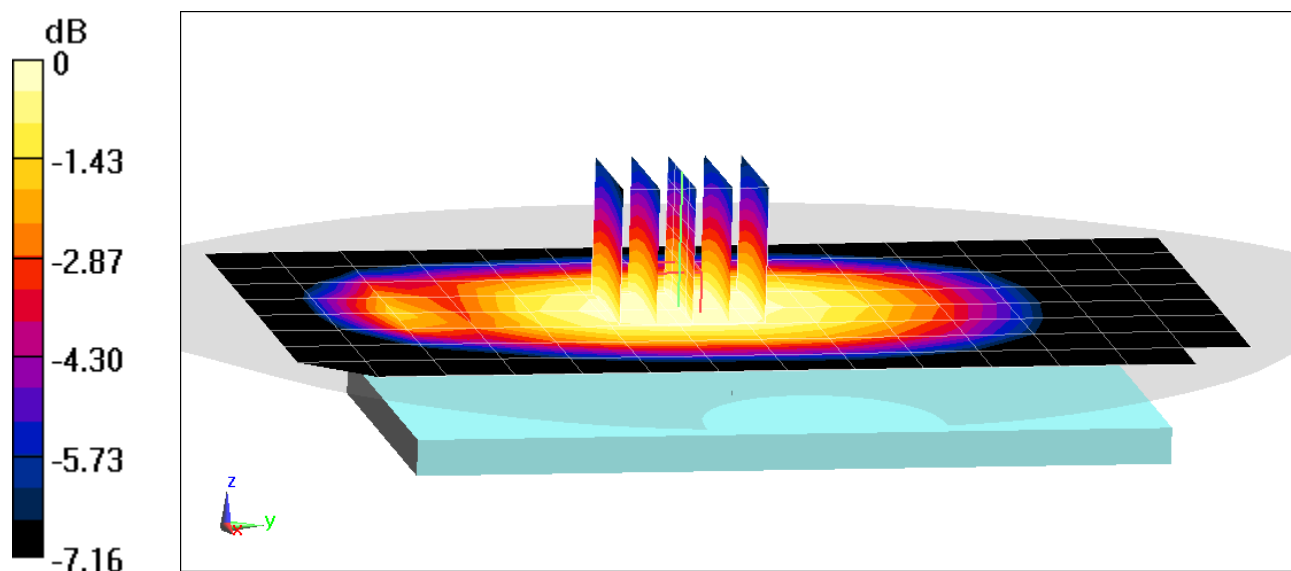
Area Scan (9x15x1): Measurement grid: dx=15mm, dy=15mm

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

Reference Value = 16.41 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 0.323 W/kg

SAR(1 g) = 0.245 W/kg



0 dB = 0.292 W/kg = -5.35 dBW/kg

PCTEST

DUT: A3LSMA426U; Type: Portable Handset; Serial: 01743

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

Medium: 750 Body Medium parameters used (interpolated):

$f = 707.5 \text{ MHz}$; $\sigma = 0.928 \text{ S/m}$; $\epsilon_r = 55.899$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section; Space: 1.0 cm

Test Date: 01/25/2021; Ambient Temp: 23.3°C; Tissue Temp: 20.8°C

Probe: EX3DV4 - SN7539; ConvF(10.24, 10.24, 10.24) @ 707.5 MHz; Calibrated: 10/20/2020

Sensor-Surface: 1.4mm (Mechanical Surface Detection)

Electronics: DAE4 Sn728; Calibrated: 5/20/2020

Phantom: Twin-SAM V5.0 (left 20); Type: QD 000 P40 CD; Serial: 1630

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

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

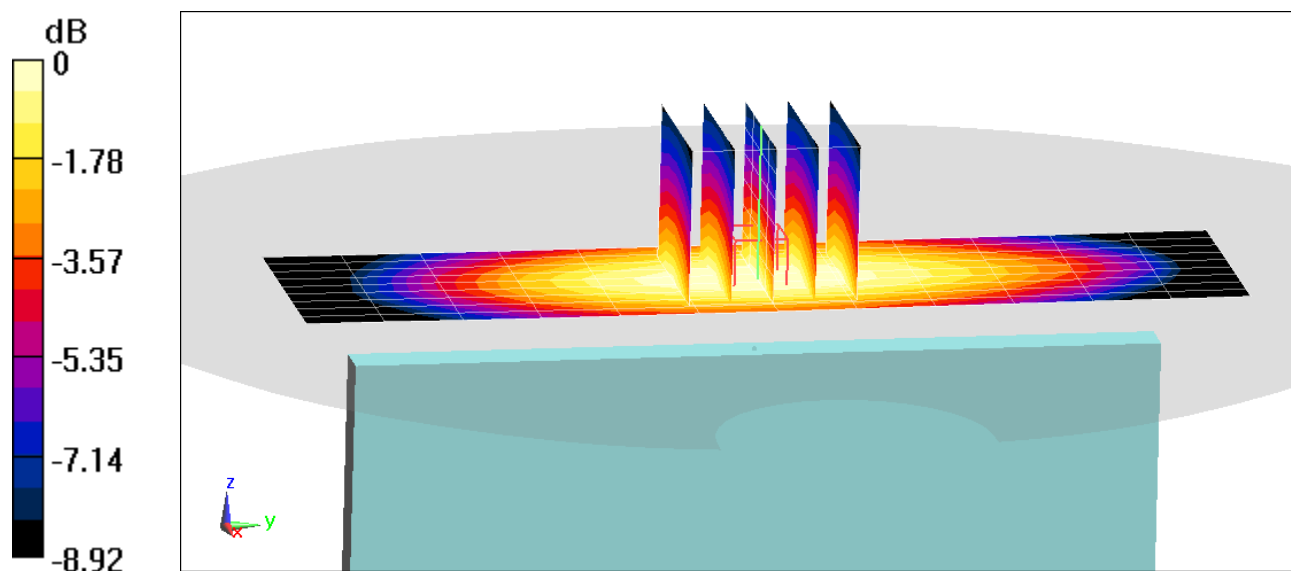
Area Scan (10x13x1): Measurement grid: dx=5mm, dy=15mm

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

Reference Value = 18.17 V/m; Power Drift = 0.00 dB

Peak SAR (extrapolated) = 0.438 W/kg

SAR(1 g) = 0.297 W/kg



PCTEST

DUT: A3LSMA426U; Type: Portable Handset; Serial: 01743

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

Medium: 750 Body Medium parameters used (interpolated):

$f = 782 \text{ MHz}$; $\sigma = 0.955 \text{ S/m}$; $\epsilon_r = 55.749$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section; Space: 1.5 cm

Test Date: 01/25/2021; Ambient Temp: 23.3°C; Tissue Temp: 20.8°C

Probe: EX3DV4 - SN7539; ConvF(10.24, 10.24, 10.24) @ 782 MHz; Calibrated: 10/20/2020

Sensor-Surface: 1.4mm (Mechanical Surface Detection)

Electronics: DAE4 Sn728; Calibrated: 5/20/2020

Phantom: Twin-SAM V5.0 (left 20); Type: QD 000 P40 CD; Serial: 1630

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

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

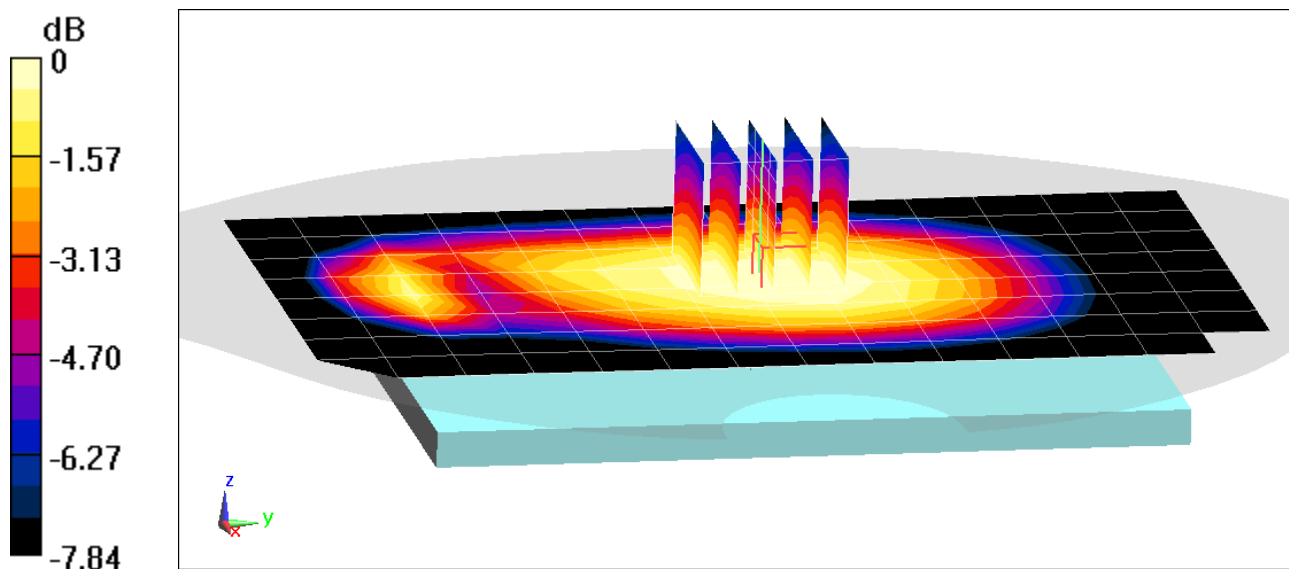
Area Scan (9x15x1): Measurement grid: dx=15mm, dy=15mm

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

Reference Value = 16.11 V/m; Power Drift = 0.00 dB

Peak SAR (extrapolated) = 0.328 W/kg

SAR(1 g) = 0.246 W/kg



0 dB = 0.297 W/kg = -5.27 dBW/kg

PCTEST

DUT: A3LSMA426U; Type: Portable Handset; Serial: 01743

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

Medium: 750 Body Medium parameters used (interpolated):

$f = 782 \text{ MHz}$; $\sigma = 0.955 \text{ S/m}$; $\epsilon_r = 55.749$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section; Space: 1.0 cm

Test Date: 01/25/2021; Ambient Temp: 23.3°C; Tissue Temp: 20.8°C

Probe: EX3DV4 - SN7539; ConvF(10.24, 10.24, 10.24) @ 782 MHz; Calibrated: 10/20/2020

Sensor-Surface: 1.4mm (Mechanical Surface Detection)

Electronics: DAE4 Sn728; Calibrated: 5/20/2020

Phantom: Twin-SAM V5.0 (left 20); Type: QD 000 P40 CD; Serial: 1630

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

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

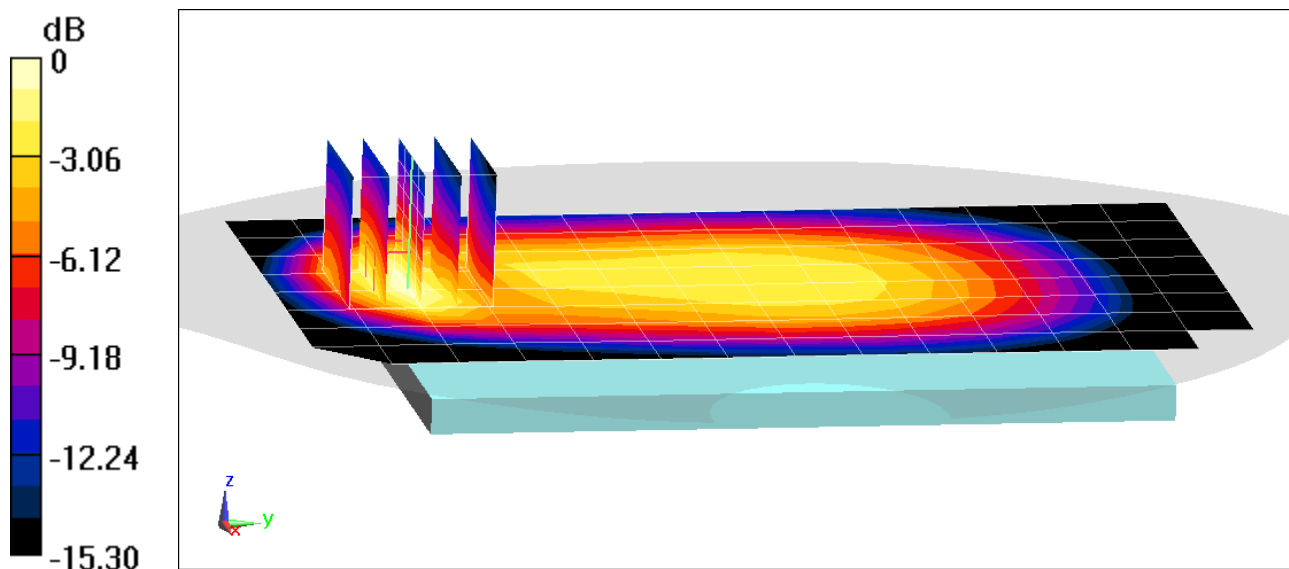
Area Scan (9x15x1): Measurement grid: dx=15mm, dy=15mm

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

Reference Value = 19.64 V/m; Power Drift = 0.00 dB

Peak SAR (extrapolated) = 0.662 W/kg

SAR(1 g) = 0.345 W/kg



0 dB = 0.529 W/kg = -2.77 dBW/kg

PCTEST

DUT: A3LSMA426U; Type: Portable Handset; Serial: 01834

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

Medium: 750 Body Medium parameters used (interpolated):

$f = 793 \text{ MHz}$; $\sigma = 0.945 \text{ S/m}$; $\epsilon_r = 56.062$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section; Space: 1.5 cm

Test Date: 02/02/2021; Ambient Temp: 23.5°C; Tissue Temp: 21.8°C

Probe: EX3DV4 - SN7571; ConvF(10.24, 10.24, 10.24) @ 793 MHz; Calibrated: 12/11/2020

Sensor-Surface: 1.4mm (Mechanical Surface Detection)

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

Phantom: Front Twin-SAM V5.0 (30); Type: QD 000 P40 CD; Serial: 1648

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

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

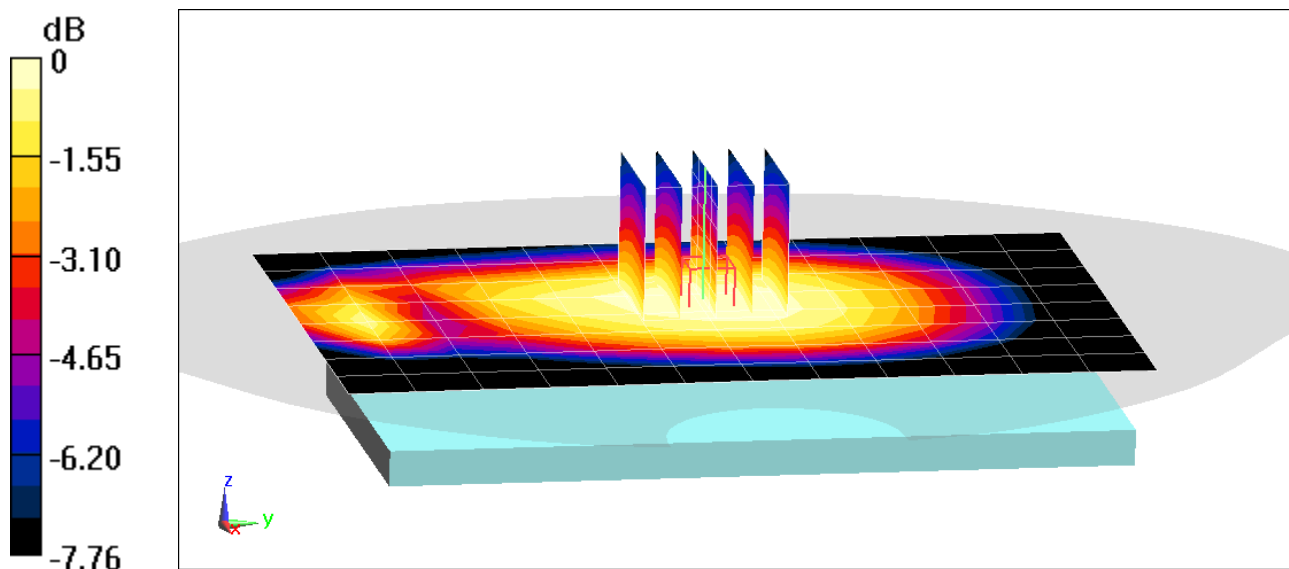
Area Scan (9x13x1): Measurement grid: dx=15mm, dy=15mm

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

Reference Value = 17.05 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 0.362 W/kg

SAR(1 g) = 0.268 W/kg



0 dB = 0.328 W/kg = -4.84 dBW/kg

PCTEST

DUT: A3LSMA426U; Type: Portable Handset; Serial: 01834

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

Medium: 750 Body Medium parameters used (interpolated):

$f = 793 \text{ MHz}$; $\sigma = 0.945 \text{ S/m}$; $\epsilon_r = 56.062$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section; Space: 1.0 cm

Test Date: 02/02/2021; Ambient Temp: 23.5°C; Tissue Temp: 21.8°C

Probe: EX3DV4 - SN7571; ConvF(10.24, 10.24, 10.24) @ 793 MHz; Calibrated: 12/11/2020

Sensor-Surface: 1.4mm (Mechanical Surface Detection)

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

Phantom: Front Twin-SAM V5.0 (30); Type: QD 000 P40 CD; Serial: 1648

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

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

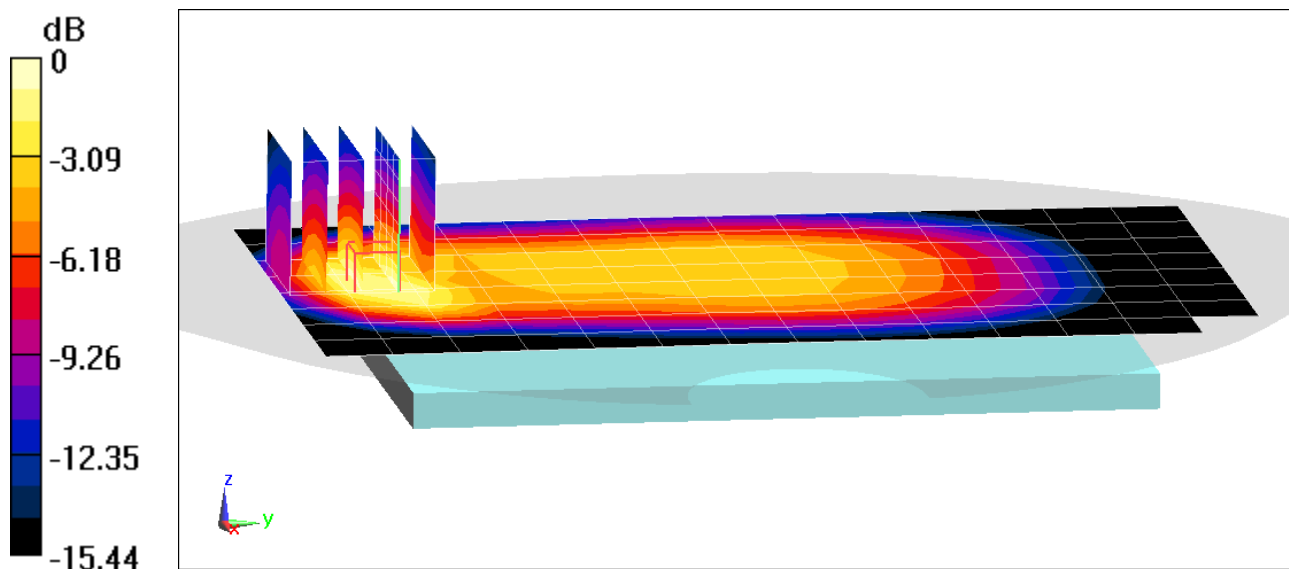
Area Scan (9x15x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Reference Value = 23.28 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 0.982 W/kg

SAR(1 g) = 0.518 W/kg



0 dB = 0.745 W/kg = -1.28 dBW/kg

PCTEST

DUT: A3LSMA426U; Type: Portable Handset; Serial: 01750

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

Medium: 835 Body Medium parameters used (interpolated):

$f = 831.5 \text{ MHz}$; $\sigma = 0.987 \text{ S/m}$; $\epsilon_r = 55.164$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section; Space: 1.5 cm

Test Date: 02/02/2021; Ambient Temp: 22.0°C; Tissue Temp: 20.2°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.), Body SAR, Back side, Mid.ch,
15 MHz Bandwidth, QPSK, 1 RB, 74 RB Offset**

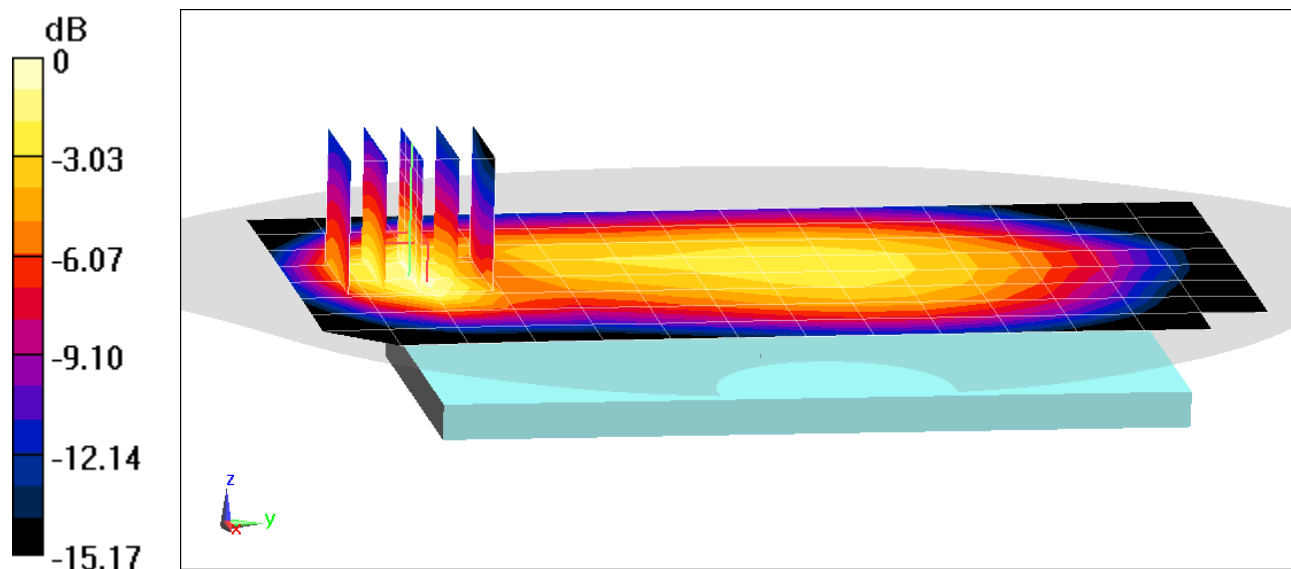
Area Scan (9x15x1): Measurement grid: dx=15mm, dy=15mm

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

Reference Value = 17.58 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 0.490 W/kg

SAR(1 g) = 0.281 W/kg



0 dB = 0.412 W/kg = -3.85 dBW/kg

PCTEST

DUT: A3LSMA426U; Type: Portable Handset; Serial: 01750

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

Medium: 835 Body Medium parameters used (interpolated):

$f = 831.5 \text{ MHz}$; $\sigma = 0.987 \text{ S/m}$; $\epsilon_r = 55.164$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section; Space: 1.0 cm

Test Date: 02/02/2021; Ambient Temp: 22.0°C; Tissue Temp: 20.2°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.), Body SAR, Back side, Mid.ch,
15 MHz Bandwidth, QPSK, 1 RB, 74 RB Offset**

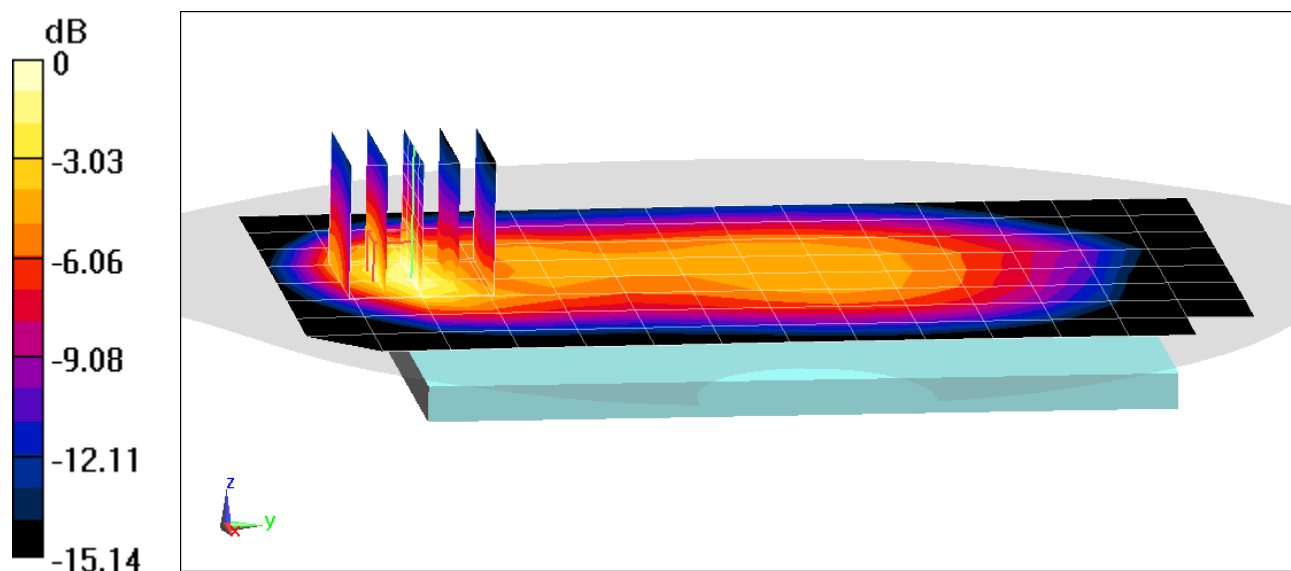
Area Scan (9x15x1): Measurement grid: dx=15mm, dy=15mm

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

Reference Value = 19.82 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 0.888 W/kg

SAR(1 g) = 0.454 W/kg



0 dB = 0.675 W/kg = -1.71 dBW/kg

PCTEST

DUT: A3LSMA426U; Type: Portable Handset; Serial: 01917

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; $\epsilon_r = 53.648$; $\rho = 1000$ kg/m³

Phantom section: Flat Section; Space: 1.5 cm

Test Date: 01/23/2021; Ambient Temp: 22.3°C; Tissue Temp: 21.8°C

Probe: EX3DV4 - SN7552; ConvF(9.96, 9.96, 9.96) @ 836.5 MHz; Calibrated: 9/11/2020

Sensor-Surface: 1.4mm (Mechanical Surface Detection)

Electronics: DAE4 Sn1449; Calibrated: 9/10/2020

Phantom: Twin-SAM V4.0 Left 30; Type: QD 000 P40 CC; Serial: 1687

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

Mode: LTE Band 5 (Cell.), ULCA, Body SAR, Back side, Mid.ch,

PCC: 10 MHz Bandwidth, QPSK, Ch. 20525, 1 RB, 49 RB Offset

SCC: 5 MHz Bandwidth, QPSK, Ch. 20597, 1 RB, 0 RB Offset

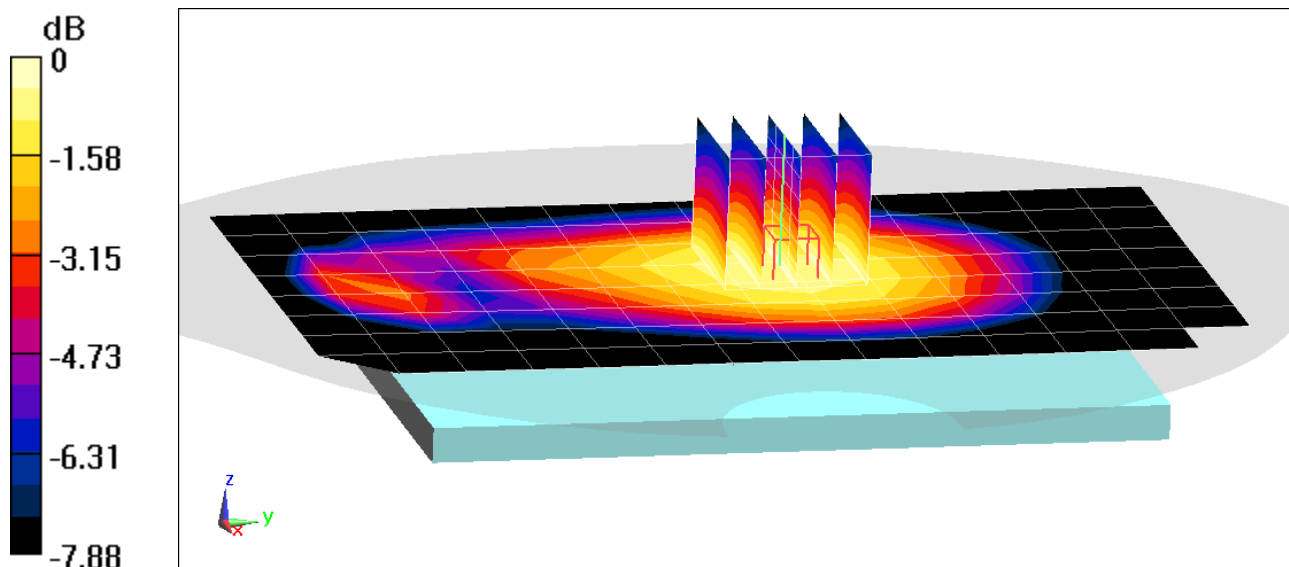
Area Scan (9x15x1): Measurement grid: dx=15mm, dy=15mm

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

Reference Value = 13.76 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 0.233 W/kg

SAR(1 g) = 0.175 W/kg



0 dB = 0.212 W/kg = -6.74 dBW/kg

PCTEST

DUT: A3LSMA426U; Type: Portable Handset; Serial: 01917

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; $\epsilon_r = 53.648$; $\rho = 1000$ kg/m³

Phantom section: Flat Section; Space: 1.0 cm

Test Date: 01/23/2021; Ambient Temp: 22.3°C; Tissue Temp: 21.8°C

Probe: EX3DV4 - SN7552; ConvF(9.96, 9.96, 9.96) @ 836.5 MHz; Calibrated: 9/11/2020

Sensor-Surface: 1.4mm (Mechanical Surface Detection)

Electronics: DAE4 Sn1449; Calibrated: 9/10/2020

Phantom: Twin-SAM V4.0 Left 30; Type: QD 000 P40 CC; Serial: 1687

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

Mode: LTE Band 5 (Cell.), ULCA, Body SAR, Back side, Mid.ch,

PCC: 10 MHz Bandwidth, QPSK, Ch. 20525, 1 RB, 49 RB Offset

SCC: 5 MHz Bandwidth, QPSK, Ch. 20597, 1 RB, 0 RB Offset

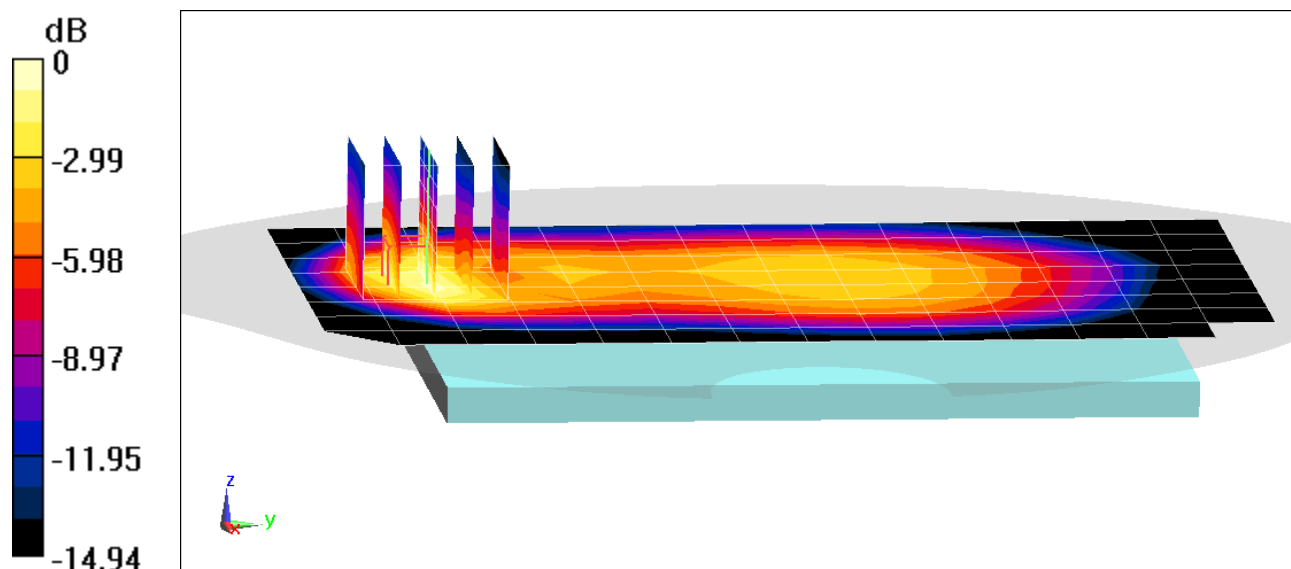
Area Scan (9x15x1): Measurement grid: dx=15mm, dy=15mm

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

Reference Value = 19.10 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 0.639 W/kg

SAR(1 g) = 0.333 W/kg



0 dB = 0.493 W/kg = -3.07 dBW/kg

PCTEST

DUT: A3LSMA426U; Type: Portable Handset; Serial: 01917

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

Medium: 1750 Body Medium parameters used:

$f = 1770 \text{ MHz}$; $\sigma = 1.564 \text{ S/m}$; $\epsilon_r = 51.408$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section; Space: 1.5 cm

Test Date: 01/28/2021; Ambient Temp: 23.0°C; Tissue Temp: 21.1°C

Probe: EX3DV4 - SN7406; ConvF(7.96, 7.96, 7.96) @ 1770 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 66 (AWS), ULCA CA_66C, Body SAR, Back side, High.ch

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

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

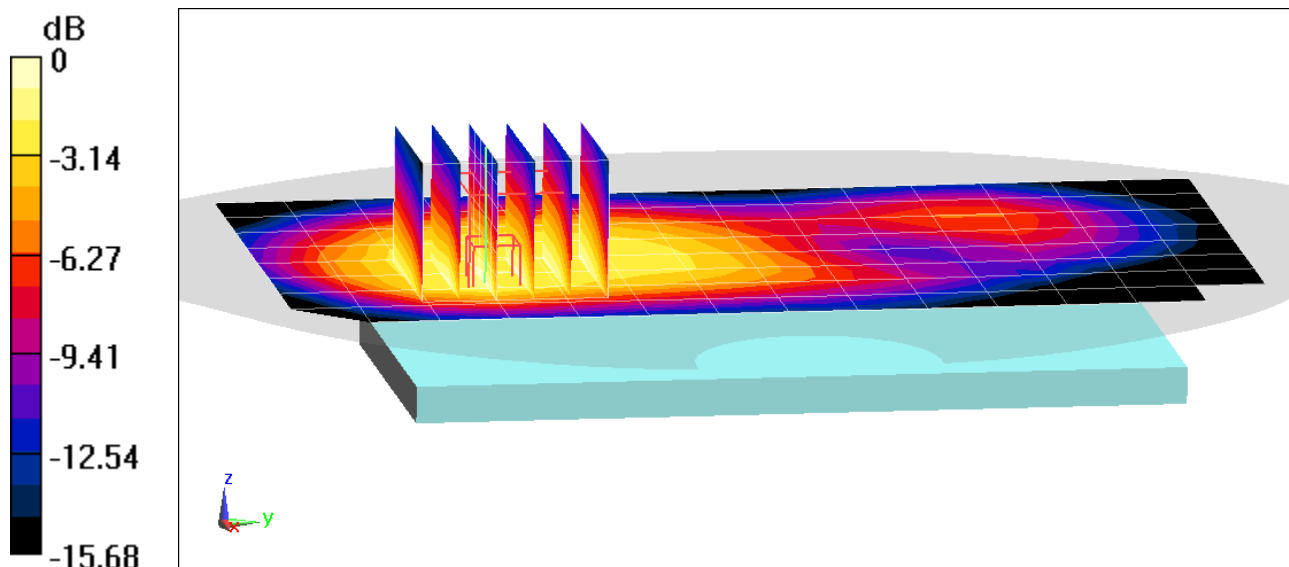
Area Scan (9x15x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Reference Value = 16.62 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.671 W/kg

SAR(1 g) = 0.404 W/kg



0 dB = 0.566 W/kg = -2.47 dBW/kg

PCTEST

DUT: A3LSMA426U; Type: Portable Handset; Serial: 01917

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

Medium: 1750 Body Medium parameters used:

$f = 1770 \text{ MHz}$; $\sigma = 1.564 \text{ S/m}$; $\epsilon_r = 51.408$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section; Space: 1.0 cm

Test Date: 01/28/2021; Ambient Temp: 23.0°C; Tissue Temp: 21.1°C

Probe: EX3DV4 - SN7406; ConvF(7.96, 7.96, 7.96) @ 1770 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 66 (AWS), ULCA CA_66C Body SAR, Back side, High.ch,

PCC: 20 MHz Bandwidth, QPSK, Ch. 132572, 50 RB, 0 RB Offset

SCC: 20 MHz Bandwidth, QPSK, Ch. 132374, 50 RB, 50 RB Offset

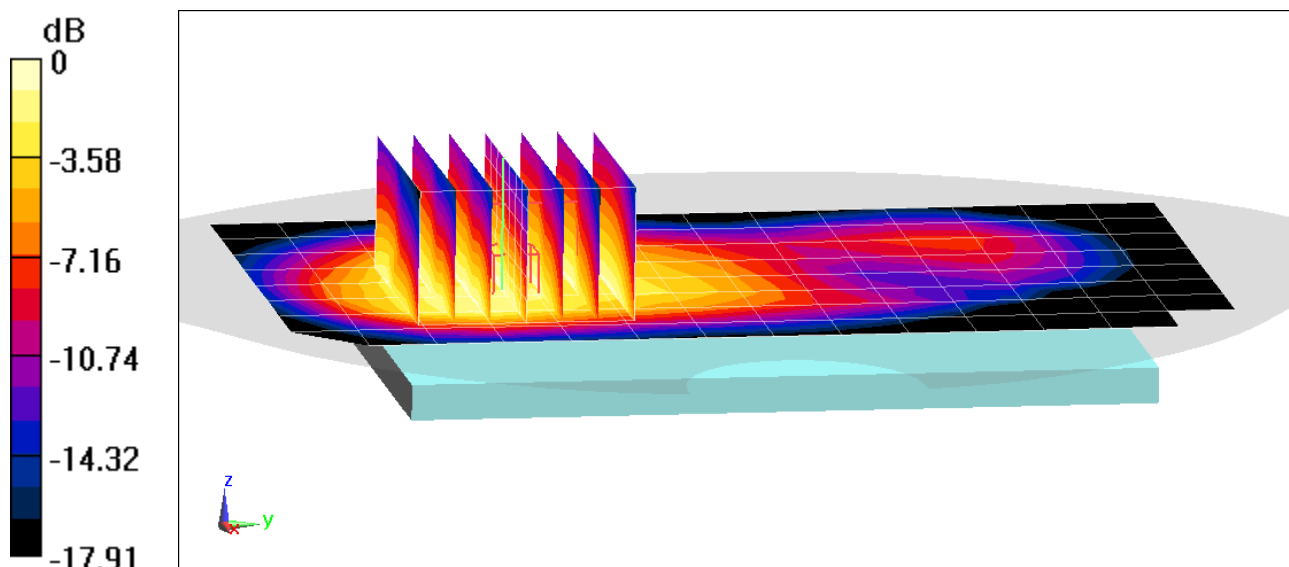
Area Scan (9x15x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Reference Value = 17.23 V/m; Power Drift = 0.19 dB

Peak SAR (extrapolated) = 0.820 W/kg

SAR(1 g) = 0.506 W/kg



0 dB = 0.710 W/kg = -1.49 dBW/kg

PCTEST

DUT: A3LSMA426U; Type: Portable Handset; Serial: 01834

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

Medium: 1900 Body Medium parameters used (interpolated):

$f = 1882.5 \text{ MHz}$; $\sigma = 1.52 \text{ S/m}$; $\epsilon_r = 52.033$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section; Space: 1.5 cm

Test Date: 01/28/2021; Ambient Temp: 22.6°C; Tissue Temp: 24.2°C

Probe: EX3DV4 - SN7551; ConvF(7.84, 7.84, 7.84) @ 1882.5 MHz; Calibrated: 10/20/2020

Sensor-Surface: 1.4mm (Mechanical Surface Detection)

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

Phantom: Right Back Twin-SAM V5.0 (30); Type: QD 000 P40 CD; Serial: 1692

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

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

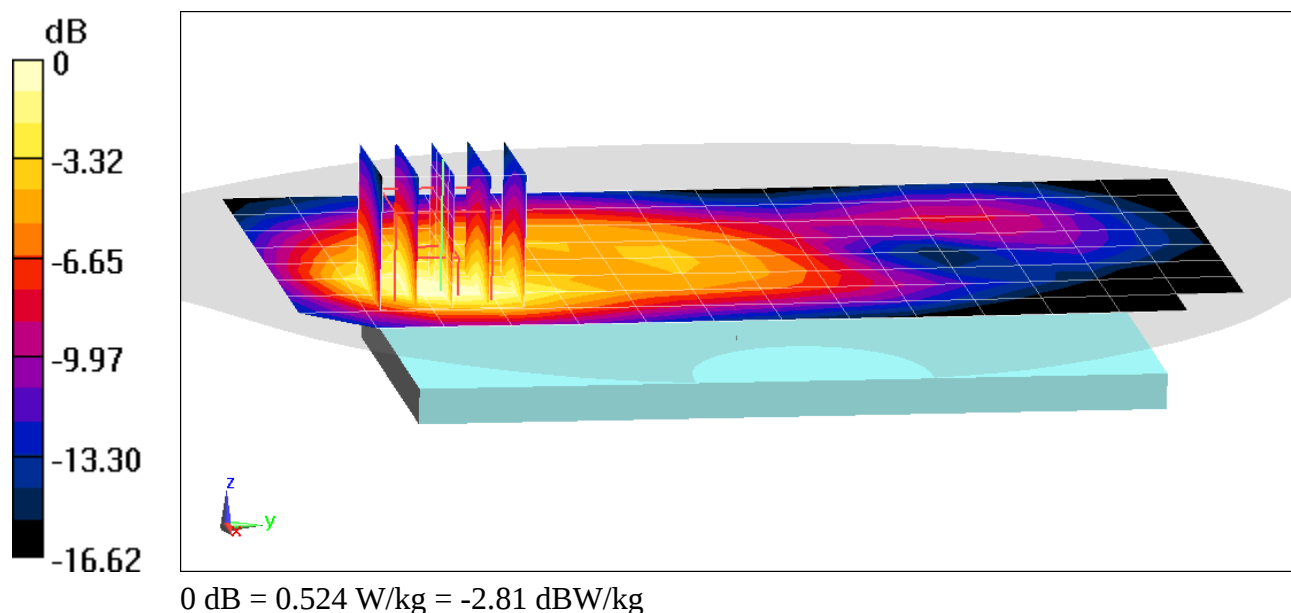
Area Scan (9x15x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Reference Value = 16.33 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 0.609 W/kg

SAR(1 g) = 0.366 W/kg



PCTEST

DUT: A3LSMA426U; Type: Portable Handset; Serial: 01750

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

Medium: 1900 Body Medium parameters used (interpolated):

$f = 1882.5 \text{ MHz}$; $\sigma = 1.517 \text{ S/m}$; $\epsilon_r = 53.206$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section; Space: 1.0 cm

Test Date: 02/02/2021; Ambient Temp: 22.7°C; Tissue Temp: 24.8°C

Probe: EX3DV4 - SN7410; ConvF(7.76, 7.76, 7.76) @ 1882.5 MHz; Calibrated: 7/20/2020

Sensor-Surface: 1.4mm (Mechanical Surface Detection)

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

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

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

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

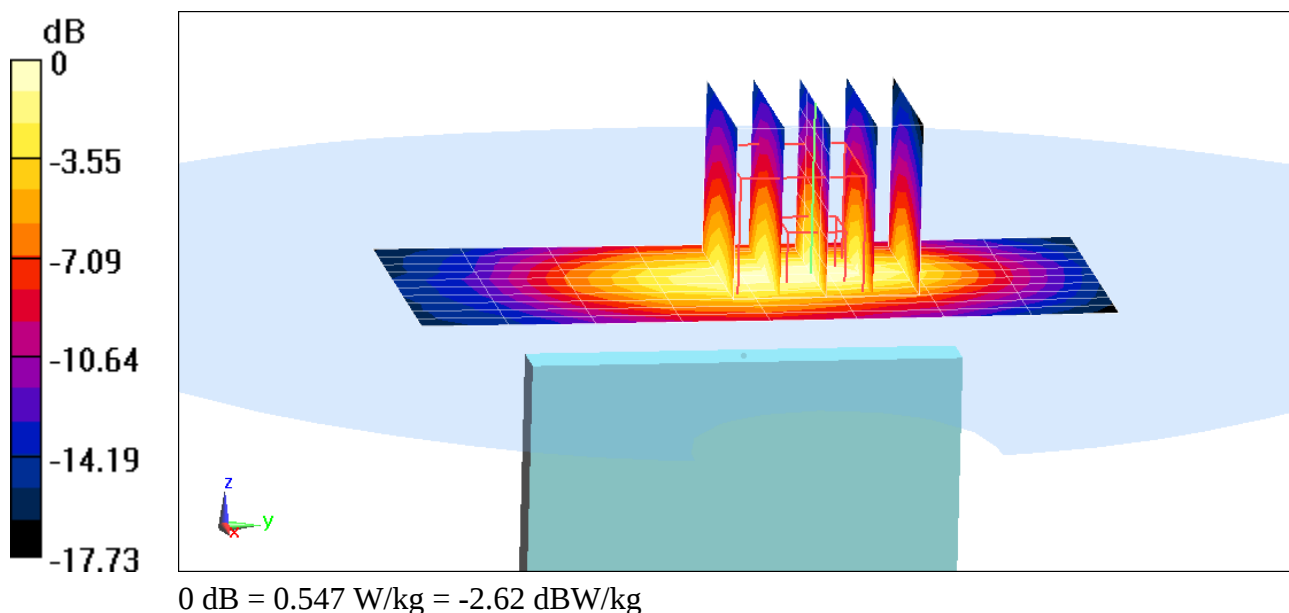
Area Scan (11x9x1): Measurement grid: dx=5mm, dy=15mm

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

Reference Value = 16.42 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 0.638 W/kg

SAR(1 g) = 0.363 W/kg



PCTEST

DUT: A3LSMA426U; Type: Portable Handset; Serial: 01834

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

Medium: 2450 Body Medium parameters used:

$f = 2310 \text{ MHz}$; $\sigma = 1.867 \text{ S/m}$; $\epsilon_r = 51.371$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section; Space: 1.5 cm

Test Date: 02/02/2021; Ambient Temp: 23.0°C; Tissue Temp: 22.5°C

Probe: EX3DV4 - SN7409; ConvF(7.5, 7.5, 7.5) @ 2310 MHz; Calibrated: 6/23/2020

Sensor-Surface: 1.4mm (Mechanical Surface Detection)

Electronics: DAE4 Sn1334; Calibrated: 6/18/2020

Phantom: LeftTwin-SAM V5.0; Type: QD 000 P40 CD; Serial: TP1375

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

**Mode: LTE Band 30, Body SAR, Back side, Mid.ch,
10 MHz Bandwidth, QPSK, 1 RB, 49 RB Offset**

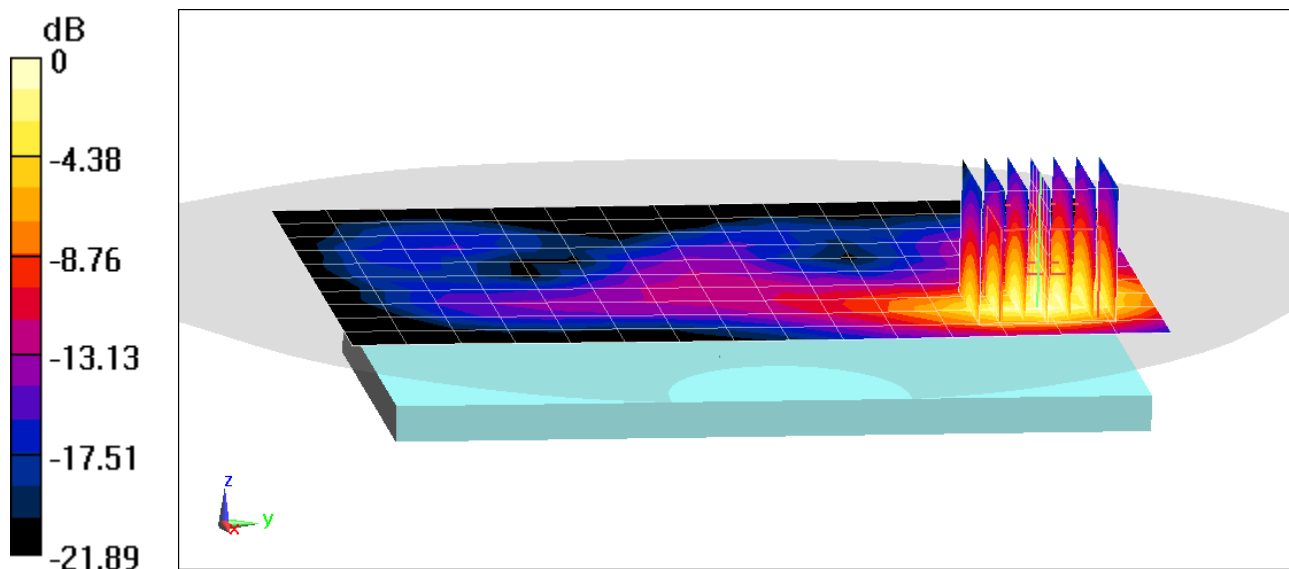
Area Scan (11x16x1): Measurement grid: $dx=12\text{mm}$, $dy=12\text{mm}$

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

Reference Value = 18.81 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 1.11 W/kg

SAR(1 g) = 0.583 W/kg



0 dB = 0.914 W/kg = -0.39 dBW/kg

PCTEST

DUT: A3LSMA426U; Type: Portable Handset; Serial: 01834

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

Medium: 2450 Body Medium parameters used:

$f = 2310$ MHz; $\sigma = 1.867$ S/m; $\epsilon_r = 51.371$; $\rho = 1000$ kg/m³

Phantom section: Flat Section; Space: 1.0 cm

Test Date: 02/02/2021; Ambient Temp: 23.0°C; Tissue Temp: 22.5°C

Probe: EX3DV4 - SN7409; ConvF(7.5, 7.5, 7.5) @ 2310 MHz; Calibrated: 6/23/2020

Sensor-Surface: 1.4mm (Mechanical Surface Detection)

Electronics: DAE4 Sn1334; Calibrated: 6/18/2020

Phantom: LeftTwin-SAM V5.0; Type: QD 000 P40 CD; Serial: TP1375

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

**Mode: LTE Band 30, Body SAR, Back side, Mid.ch,
10 MHz Bandwidth, QPSK, 25 RB, 0 RB Offset**

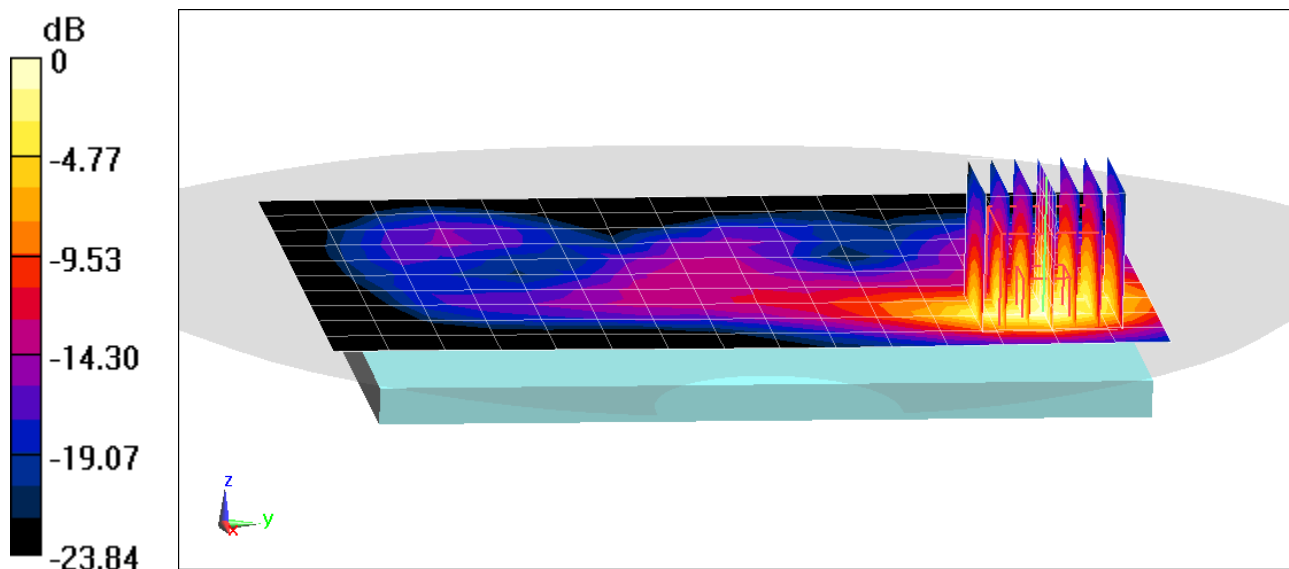
Area Scan (11x16x1): Measurement grid: dx=12mm, dy=12mm

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

Reference Value = 19.24 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 1.24 W/kg

SAR(1 g) = 0.596 W/kg



0 dB = 1.00 W/kg = 0.00 dBW/kg

PCTEST

DUT: A3LSMA426U; Type: Portable Handset; Serial: 01883

Communication System: UID 0, LTE Band 7; Frequency: 2510 MHz; Duty Cycle: 1:1

Medium: 2450 Body Medium parameters used:

$f = 2510$ MHz; $\sigma = 2.116$ S/m; $\epsilon_r = 50.914$; $\rho = 1000$ kg/m³

Phantom section: Flat Section; Space: 1.5 cm

Test Date: 01/30/2021; Ambient Temp: 23.0°C; Tissue Temp: 23.0°C

Probe: EX3DV4 - SN7409; ConvF(7.24, 7.24, 7.24) @ 2510 MHz; Calibrated: 6/23/2020

Sensor-Surface: 1.4mm (Mechanical Surface Detection)

Electronics: DAE4 Sn1334; Calibrated: 6/18/2020

Phantom: LeftTwin-SAM V5.0; Type: QD 000 P40 CD; Serial: TP1375

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

**Mode: LTE Band 7, Body SAR, Back side, Low.ch,
20 MHz Bandwidth, QPSK, 1 RB, 0 RB Offset**

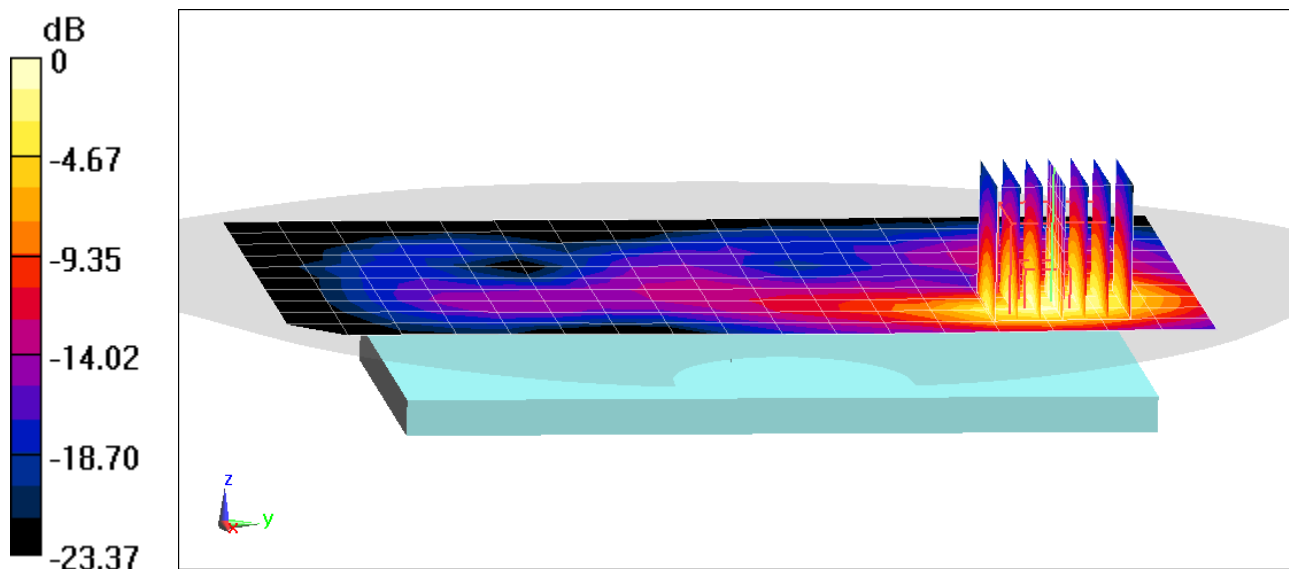
Area Scan (11x18x1): Measurement grid: dx=12mm, dy=12mm

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

Reference Value = 16.42 V/m; Power Drift = 0.18 dB

Peak SAR (extrapolated) = 2.24 W/kg

SAR(1 g) = 1.12 W/kg



0 dB = 1.78 W/kg = 2.50 dBW/kg

PCTEST

DUT: A3LSMA426U; Type: Portable Handset; Serial: 01883

Communication System: UID 0, LTE Band 7; Frequency: 2510 MHz; Duty Cycle: 1:1

Medium: 2450 Body Medium parameters used:

$f = 2510 \text{ MHz}$; $\sigma = 2.116 \text{ S/m}$; $\epsilon_r = 50.914$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section; Space: 1.0 cm

Test Date: 01/30/2021; Ambient Temp: 23.0°C; Tissue Temp: 23.0°C

Probe: EX3DV4 - SN7409; ConvF(7.24, 7.24, 7.24) @ 2510 MHz; Calibrated: 6/23/2020

Sensor-Surface: 1.4mm (Mechanical Surface Detection)

Electronics: DAE4 Sn1334; Calibrated: 6/18/2020

Phantom: LeftTwin-SAM V5.0; Type: QD 000 P40 CD; Serial: TP1375

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

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

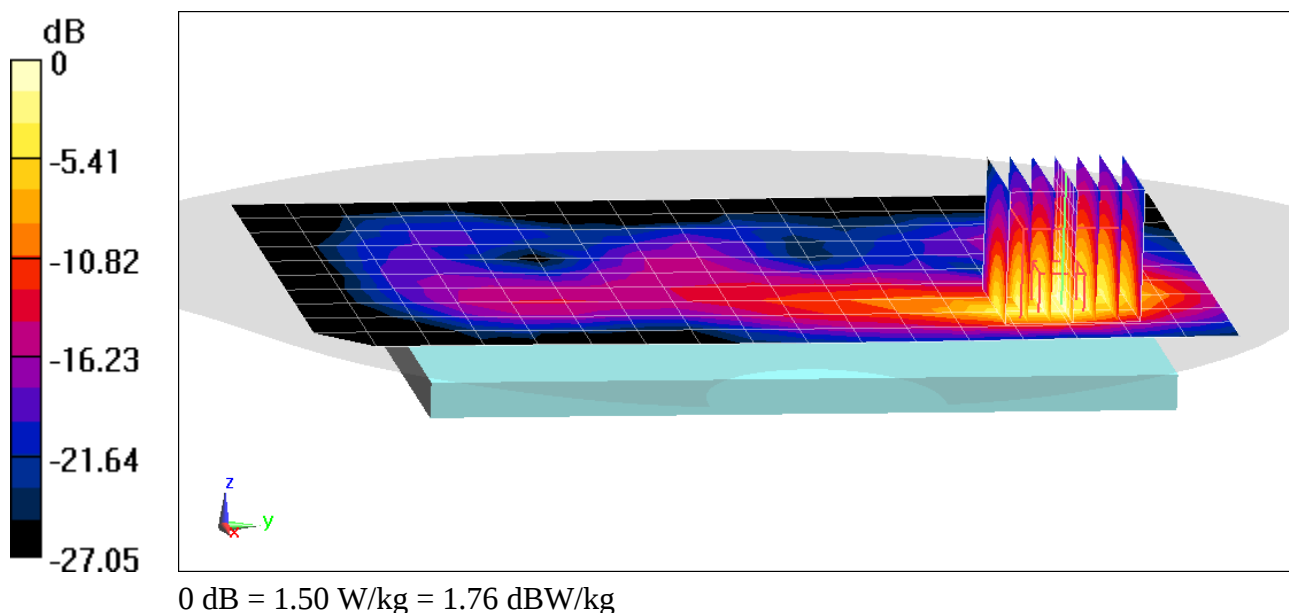
Area Scan (11x18x1): Measurement grid: dx=12mm, dy=12mm

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

Reference Value = 21.89 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 1.91 W/kg

SAR(1 g) = 0.868 W/kg



PCTEST

DUT: A3LSMA426U; Type: Portable Handset; Serial: 01909

Communication System: UID 0, LTE Band 48; Frequency: 3690 MHz; Duty Cycle: 1:1.58

Medium: 3600 Body Medium parameters used:

$f = 3690 \text{ MHz}$; $\sigma = 3.496 \text{ S/m}$; $\epsilon_r = 50.147$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section; Space: 1.5 cm

Test Date: 02/08/2021; Ambient Temp: 23.3°C; Tissue Temp: 20.0°C

Probe: EX3DV4 - SN7539; ConvF(6.48, 6.48, 6.48) @ 3690 MHz; Calibrated: 10/20/2020

Sensor-Surface: 1.4mm (Mechanical Surface Detection)

Electronics: DAE4 Sn728; Calibrated: 5/20/2020

Phantom: Twin-SAM V5.0 (left 20); Type: QD 000 P40 CD; Serial: 1630

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

**Mode: LTE Band 48, Body SAR, Back side, High.ch,
20 MHz Bandwidth, QPSK, 1 RB, 99 RB Offset**

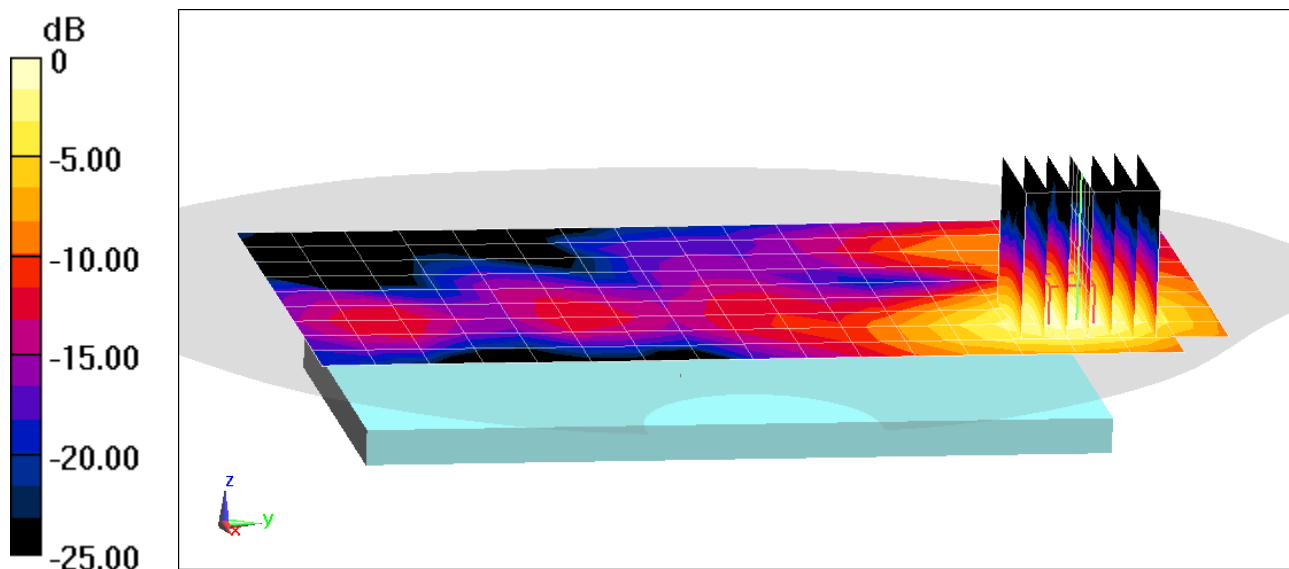
Area Scan (10x18x1): Measurement grid: $dx=12\text{mm}$, $dy=12\text{mm}$

Zoom Scan (7x7x8)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=1.4\text{mm}$; Graded Ratio: 1.4

Reference Value = 9.643 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.738 W/kg

SAR(1 g) = 0.305 W/kg



PCTEST

DUT: A3LSMA426U; Type: Portable Handset; Serial: 01909

Communication System: UID 0, LTE Band 48; Frequency: 3690 MHz; Duty Cycle: 1:1.58

Medium: 3600 Body Medium parameters used:

$f = 3690$ MHz; $\sigma = 3.496$ S/m; $\epsilon_r = 50.147$; $\rho = 1000$ kg/m³

Phantom section: Flat Section; Space: 1.0 cm

Test Date: 02/08/2021; Ambient Temp: 23.3°C; Tissue Temp: 20.0°C

Probe: EX3DV4 - SN7539; ConvF(6.48, 6.48, 6.48) @ 3690 MHz; Calibrated: 10/20/2020

Sensor-Surface: 1.4mm (Mechanical Surface Detection)

Electronics: DAE4 Sn728; Calibrated: 5/20/2020

Phantom: Twin-SAM V5.0 (left 20); Type: QD 000 P40 CD; Serial: 1630

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

**Mode: LTE Band 48, Body SAR, Top Edge, High.ch,
20 MHz Bandwidth, QPSK, 1 RB, 99 RB Offset**

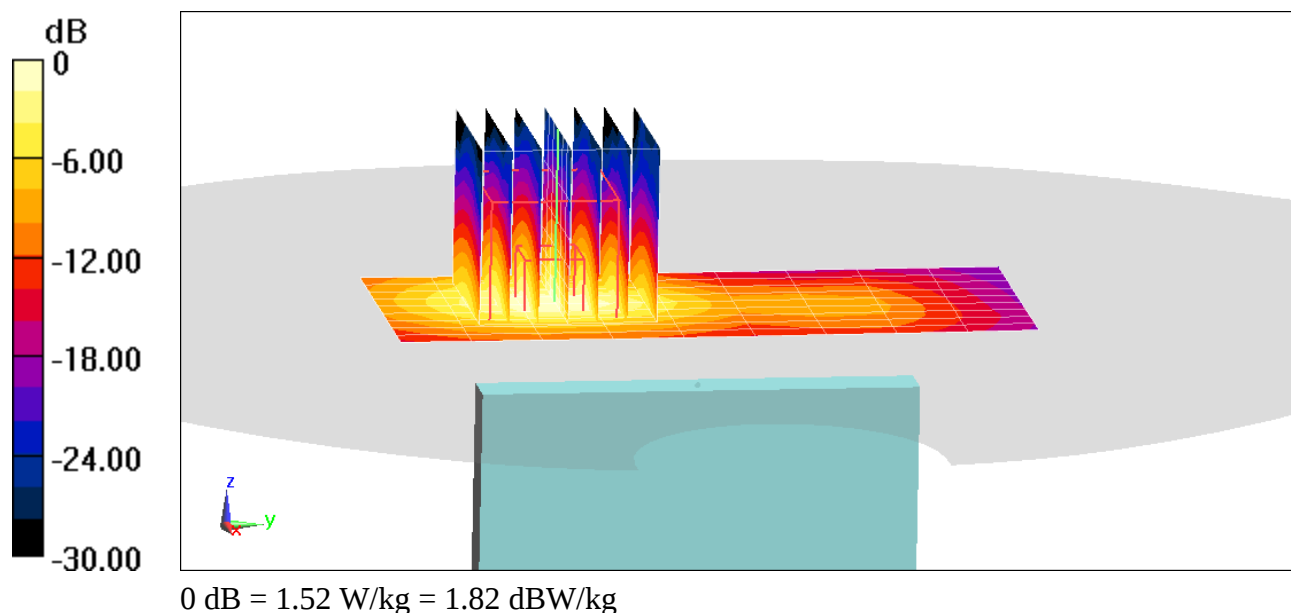
Area Scan (10x10x1): Measurement grid: dx=5mm, dy=12mm

Zoom Scan (7x7x8)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=1.4mm; Graded Ratio: 1.4

Reference Value = 16.12 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 2.12 W/kg

SAR(1 g) = 0.780 W/kg



PCTEST

DUT: A3LSMA426U; Type: Portable Handset; Serial: 40527

Communication System: UID 0, LTE Band 41 (Class 2); Frequency: 2593 MHz; Duty Cycle: 1:2.31

Medium: 2450 Body Medium parameters used (interpolated):

$f = 2593 \text{ MHz}$; $\sigma = 2.191 \text{ S/m}$; $\epsilon_r = 50.586$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section; Space: 1.5 cm

Test Date: 02/02/2021; Ambient Temp: 23.0°C; Tissue Temp: 22.5°C

Probe: EX3DV4 - SN7409; ConvF(7.12, 7.12, 7.12) @ 2593 MHz; Calibrated: 6/23/2020

Sensor-Surface: 1.4mm (Mechanical Surface Detection)

Electronics: DAE4 Sn1334; Calibrated: 6/18/2020

Phantom: LeftTwin-SAM V5.0; Type: QD 000 P40 CD; Serial: TP1375

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

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

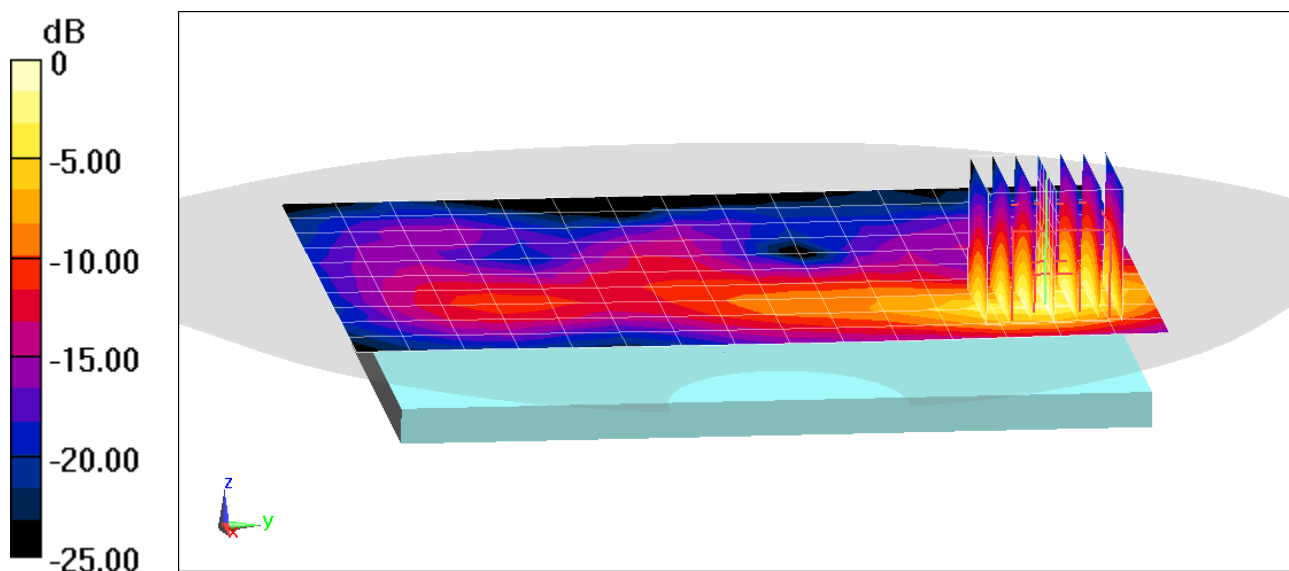
Area Scan (11x16x1): Measurement grid: dx=12mm, dy=12mm

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

Reference Value = 10.19 V/m; Power Drift = 0.10 dB

Peak SAR (extrapolated) = 1.02 W/kg

SAR(1 g) = 0.493 W/kg



0 dB = 0.804 W/kg = -0.95 dBW/kg

PCTEST

DUT: A3LSMA426U; Type: Portable Handset; Serial: 40527

Communication System: UID 0, LTE Band 41 (Class 2); Frequency: 2593 MHz; Duty Cycle: 1:2.31

Medium: 2450 Body Medium parameters used (interpolated):

$f = 2593 \text{ MHz}$; $\sigma = 2.181 \text{ S/m}$; $\epsilon_r = 50.148$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section; Space: 1.0 cm

Test Date: 02/06/2021; Ambient Temp: 23.4°C; Tissue Temp: 22.0°C

Probe: EX3DV4 - SN7409; ConvF(7.12, 7.12, 7.12) @ 2593 MHz; Calibrated: 6/23/2020

Sensor-Surface: 1.4mm (Mechanical Surface Detection)

Electronics: DAE4 Sn1334; Calibrated: 6/18/2020

Phantom: LeftTwin-SAM V5.0; Type: QD 000 P40 CD; Serial: TP1375

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

Mode: LTE Band 41, PC2, ULCA, Body SAR, Back side, Mid.ch,

PCC: 20 MHz Bandwidth, QPSK, Ch.40620, 50 RB, 50 RB Offset

PCC: 20 MHz Bandwidth, QPSK, Ch.40818, 50 RB, 0 RB Offset

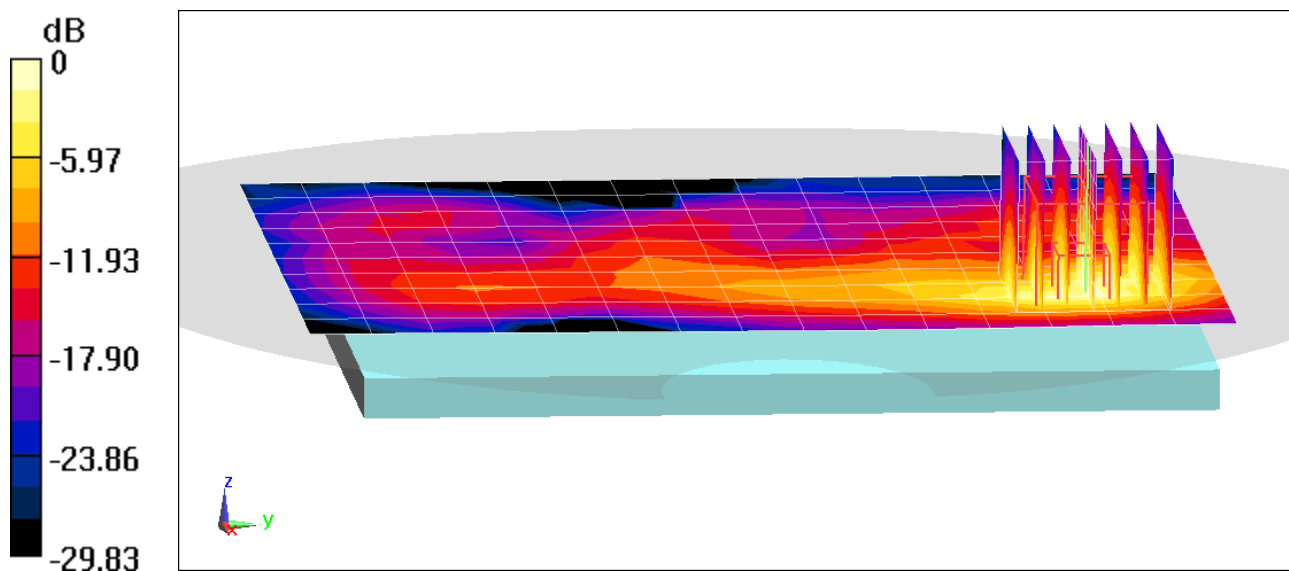
Area Scan (11x16x1): Measurement grid: $dx=12\text{mm}$, $dy=12\text{mm}$

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

Reference Value = 15.49 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 1.02 W/kg

SAR(1 g) = 0.452 W/kg



0 dB = 0.795 W/kg = -1.00 dBW/kg

PCTEST

DUT: A3LSMA426U; Type: Portable Handset; Serial: 01818

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

Medium: 750 Body Medium parameters used (interpolated):

$f = 680.5 \text{ MHz}$; $\sigma = 0.919 \text{ S/m}$; $\epsilon_r = 55.985$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section; Space: 1.5 cm

Test Date: 01/25/2021; Ambient Temp: 23.3°C; Tissue Temp: 20.8°C

Probe: EX3DV4 - SN7539; ConvF(10.24, 10.24, 10.24) @ 680.5 MHz; Calibrated: 10/20/2020

Sensor-Surface: 1.4mm (Mechanical Surface Detection)

Electronics: DAE4 Sn728; Calibrated: 5/20/2020

Phantom: Twin-SAM V5.0 (left 20); Type: QD 000 P40 CD; Serial: 1630

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

**Mode: NR Band n71, Body SAR, Back Side, 20 MHz Bandwidth,
DFT-s-OFDM QPSK, Ch. 136100, 50 RB, 28 RB Offset**

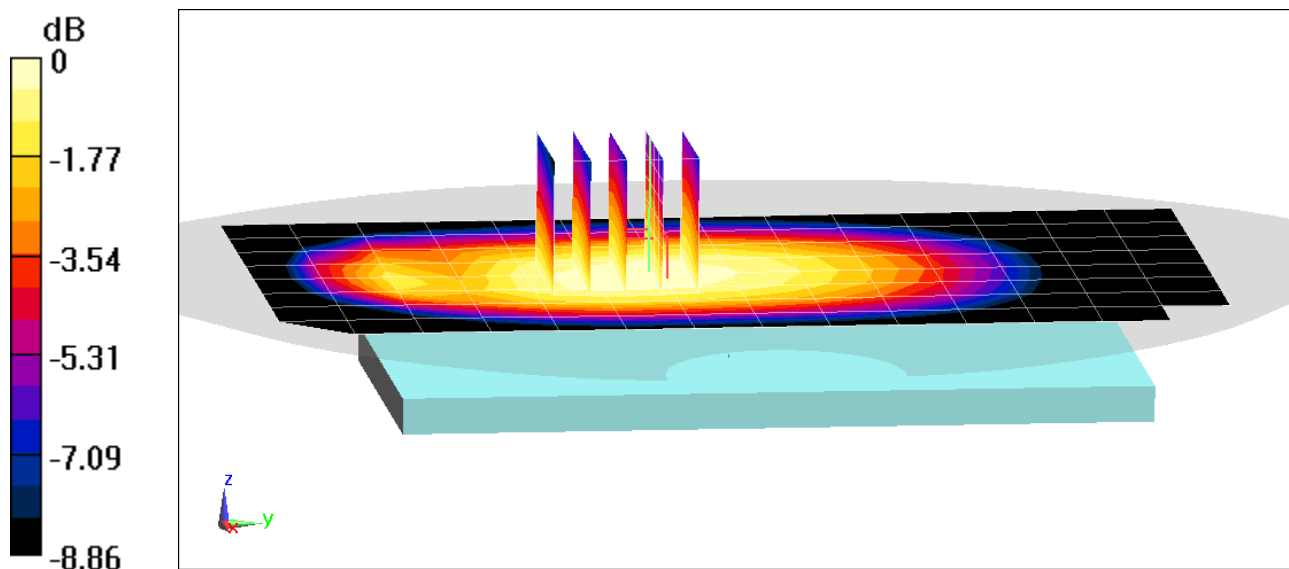
Area Scan (9x15x1): Measurement grid: dx=15mm, dy=15mm

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

Reference Value = 16.57 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.334 W/kg

SAR(1 g) = 0.254 W/kg



0 dB = 0.305 W/kg = -5.16 dBW/kg

PCTEST

DUT: A3LSMA426U; Type: Portable Handset; Serial: 01818

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

Medium: 750 Body Medium parameters used (interpolated):

$f = 680.5 \text{ MHz}$; $\sigma = 0.919 \text{ S/m}$; $\epsilon_r = 55.985$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section; Space: 1.0 cm

Test Date: 01/25/2021; Ambient Temp: 23.3°C; Tissue Temp: 20.8°C

Probe: EX3DV4 - SN7539; ConvF(10.24, 10.24, 10.24) @ 680.5 MHz; Calibrated: 10/20/2020

Sensor-Surface: 1.4mm (Mechanical Surface Detection)

Electronics: DAE4 Sn728; Calibrated: 5/20/2020

Phantom: Twin-SAM V5.0 (left 20); Type: QD 000 P40 CD; Serial: 1630

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

**Mode: NR Band n71, Body SAR, Back Side, 20 MHz Bandwidth,
DFT-s-OFDM QPSK, Ch. 136100, 50 RB, 28 RB Offset**

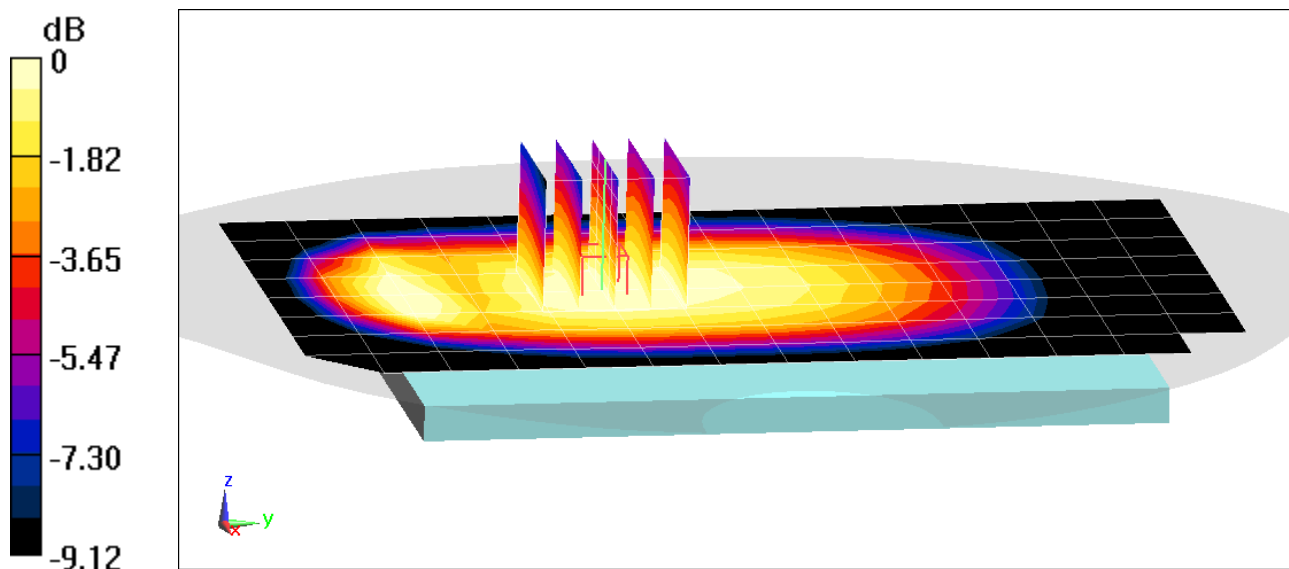
Area Scan (9x15x1): Measurement grid: dx=15mm, dy=15mm

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

Reference Value = 18.28 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 0.392 W/kg

SAR(1 g) = 0.302 W/kg



0 dB = 0.358 W/kg = -4.46 dBW/kg

PCTEST

DUT: A3LSMA426U; Type: Portable Handset; Serial: 01750

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

Medium: 835 Body Medium parameters used (interpolated):

$f = 836.5 \text{ MHz}$; $\sigma = 0.961 \text{ S/m}$; $\epsilon_r = 53.648$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section; Space: 1.5 cm

Test Date: 01/23/2021; Ambient Temp: 22.3°C; Tissue Temp: 21.8°C

Probe: EX3DV4 - SN7552; ConvF(9.96, 9.96, 9.96) @ 836.5 MHz; Calibrated: 9/11/2020

Sensor-Surface: 1.4mm (Mechanical Surface Detection)

Electronics: DAE4 Sn1449; Calibrated: 9/10/2020

Phantom: Twin-SAM V4.0 Left 30; Type: QD 000 P40 CC; Serial: 1687

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

**Mode: NR Band n5, Body SAR, Back Side, 20 MHz Bandwidth,
DFT-s-OFDM QPSK, Ch. 167300, 50 RB, 28 RB Offset**

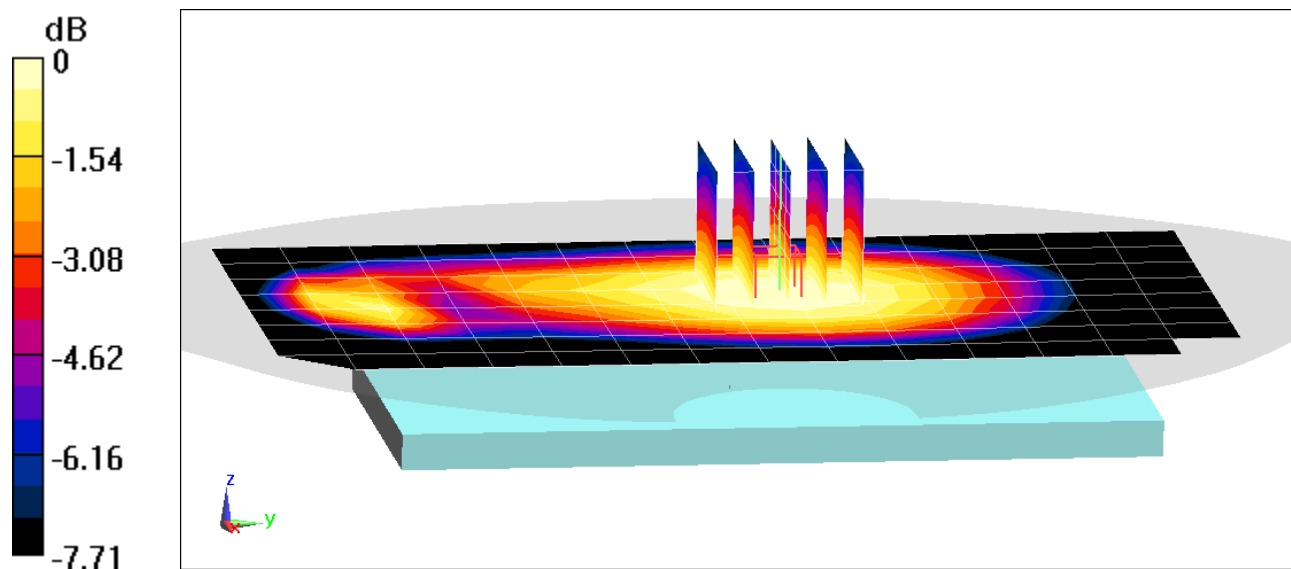
Area Scan (9x15x1): Measurement grid: dx=15mm, dy=15mm

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

Reference Value = 14.02 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 0.238 W/kg

SAR(1 g) = 0.179 W/kg



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

PCTEST

DUT: A3LSMA426U; Type: Portable Handset; Serial: 01750

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

Medium: 835 Body Medium parameters used (interpolated):

$f = 836.5 \text{ MHz}$; $\sigma = 0.961 \text{ S/m}$; $\epsilon_r = 53.648$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section; Space: 1.0 cm

Test Date: 01/23/2021; Ambient Temp: 22.3°C; Tissue Temp: 21.8°C

Probe: EX3DV4 - SN7552; ConvF(9.96, 9.96, 9.96) @ 836.5 MHz; Calibrated: 9/11/2020

Sensor-Surface: 1.4mm (Mechanical Surface Detection)

Electronics: DAE4 Sn1449; Calibrated: 9/10/2020

Phantom: Twin-SAM V4.0 Left 30; Type: QD 000 P40 CC; Serial: 1687

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

**Mode: NR Band n5, Body SAR, Back Side, 20 MHz Bandwidth,
DFT-s-OFDM QPSK, Ch. 167300, 50 RB, 28 RB Offset**

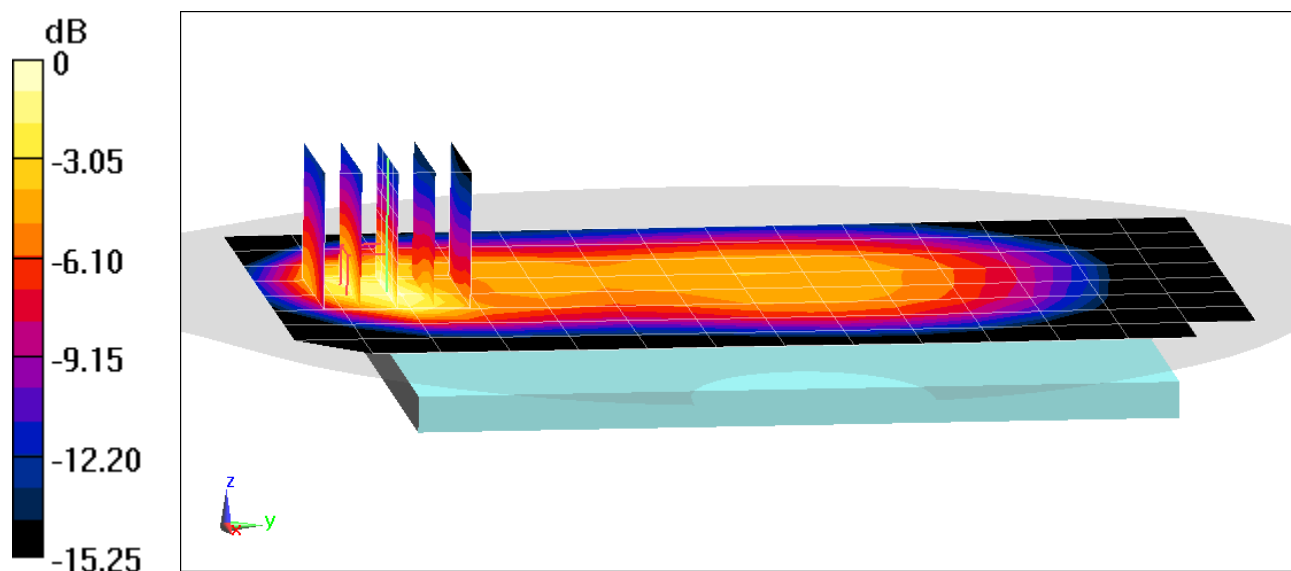
Area Scan (9x15x1): Measurement grid: dx=15mm, dy=15mm

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

Reference Value = 21.53 V/m; Power Drift = 0.00 dB

Peak SAR (extrapolated) = 0.816 W/kg

SAR(1 g) = 0.427 W/kg



0 dB = 0.635 W/kg = -1.97 dBW/kg

PCTEST

DUT: A3LSMA426U; Type: Portable Handset; Serial: 01685

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

Medium: 1750 Body Medium parameters used:

$f = 1745 \text{ MHz}$; $\sigma = 1.525 \text{ S/m}$; $\epsilon_r = 50.925$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section; Space: 1.5 cm

Test Date: 01/26/2021; Ambient Temp: 23.2°C; Tissue Temp: 21.1°C

Probe: EX3DV4 - SN7406; ConvF(7.96, 7.96, 7.96) @ 1745 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 n66, Body SAR, Back Side, 20 MHz Bandwidth,
DFT-s-OFDM QPSK, Ch. 349000, 1 RB, 104 RB Offset**

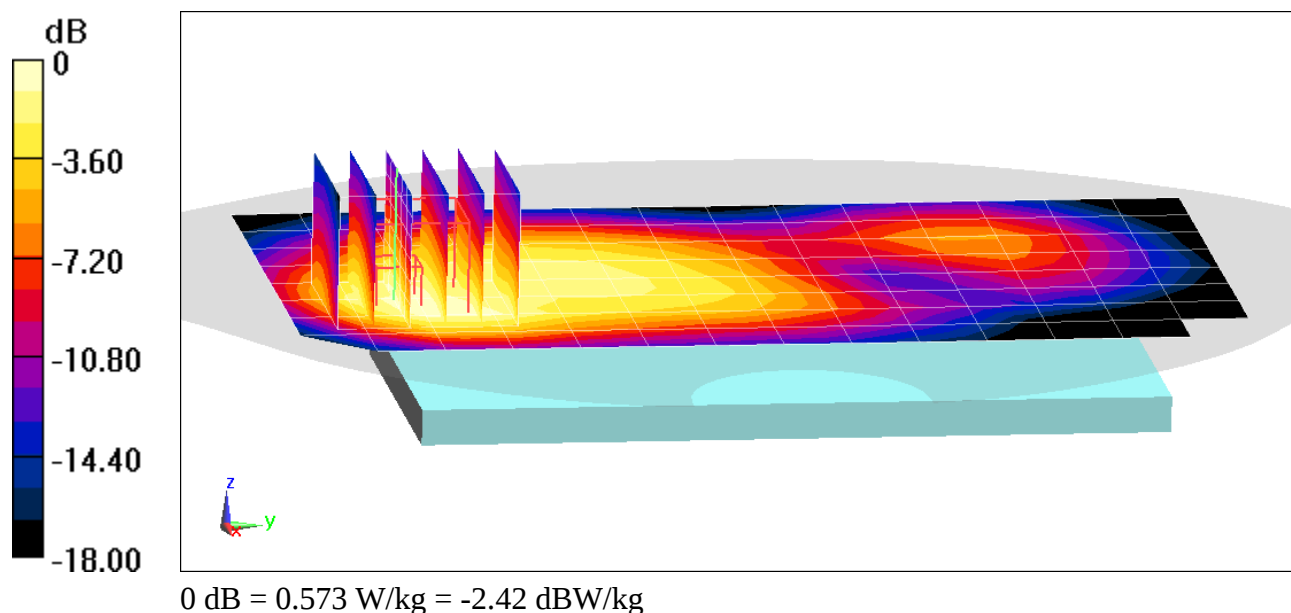
Area Scan (9x15x1): Measurement grid: dx=15mm, dy=15mm

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

Reference Value = 15.80 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 0.672 W/kg

SAR(1 g) = 0.393 W/kg



PCTEST

DUT: A3LSMA426U; Type: Portable Handset; Serial: 01685

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

Medium: 1750 Body Medium parameters used:

$f = 1745 \text{ MHz}$; $\sigma = 1.525 \text{ S/m}$; $\epsilon_r = 50.925$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section; Space: 1.0 cm

Test Date: 01/26/2021; Ambient Temp: 23.2°C; Tissue Temp: 21.1°C

Probe: EX3DV4 - SN7406; ConvF(7.96, 7.96, 7.96) @ 1745 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 n66, Body SAR, Back Side, 20 MHz Bandwidth,
DFT-s-OFDM QPSK, Ch. 349000, 1 RB, 104 RB Offset**

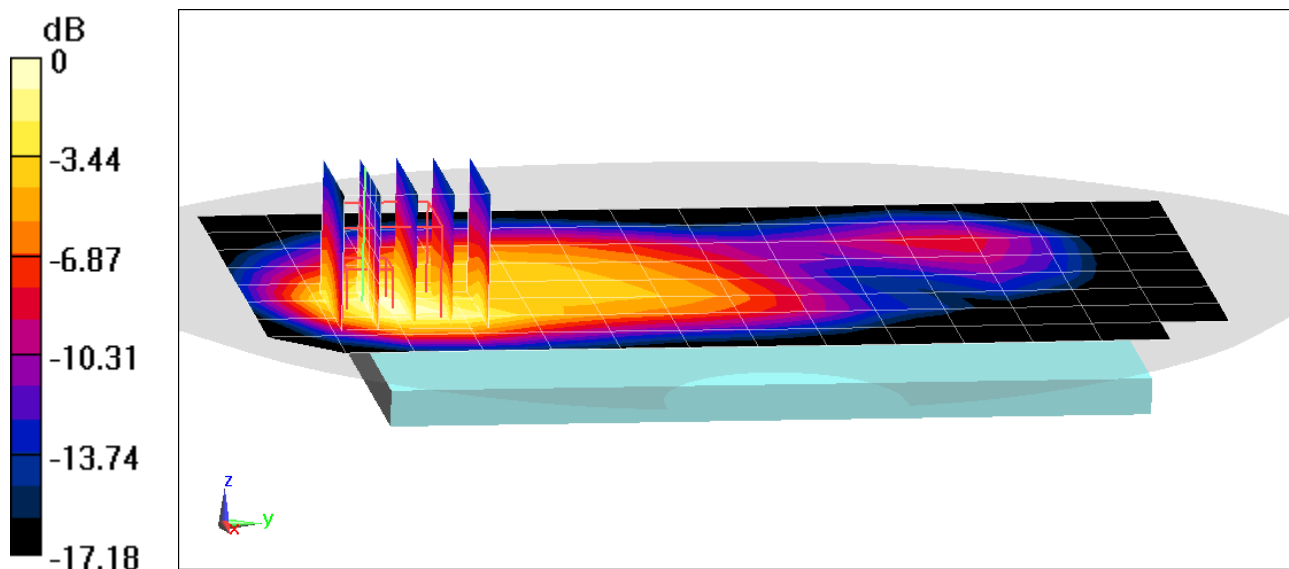
Area Scan (9x15x1): Measurement grid: dx=15mm, dy=15mm

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

Reference Value = 15.74 V/m; Power Drift = 0.00 dB

Peak SAR (extrapolated) = 0.794 W/kg

SAR(1 g) = 0.427 W/kg



0 dB = 0.671 W/kg = -1.73 dBW/kg

PCTEST

DUT: A3LSMA426U; Type: Portable Handset; Serial: 01719

Communication System: UID 0, NR Band n25; Frequency: 1860 MHz; Duty Cycle: 1:1

Medium: 1900 Body Medium parameters used:

$f = 1860 \text{ MHz}$; $\sigma = 1.495 \text{ S/m}$; $\epsilon_r = 52.106$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section; Space: 1.5 cm

Test Date: 01/28/2021; Ambient Temp: 22.6°C; Tissue Temp: 24.2°C

Probe: EX3DV4 - SN7551; ConvF(7.84, 7.84, 7.84) @ 1860 MHz; Calibrated: 10/20/2020

Sensor-Surface: 1.4mm (Mechanical Surface Detection)

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

Phantom: Right Back Twin-SAM V5.0 (30); Type: QD 000 P40 CD; Serial: 1692

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

**Mode: NR Band n25, Body SAR, Back Side, 20 MHz Bandwidth,
DFT-s-OFDM QPSK, Ch. 372000, 50 RB, 28 RB Offset**

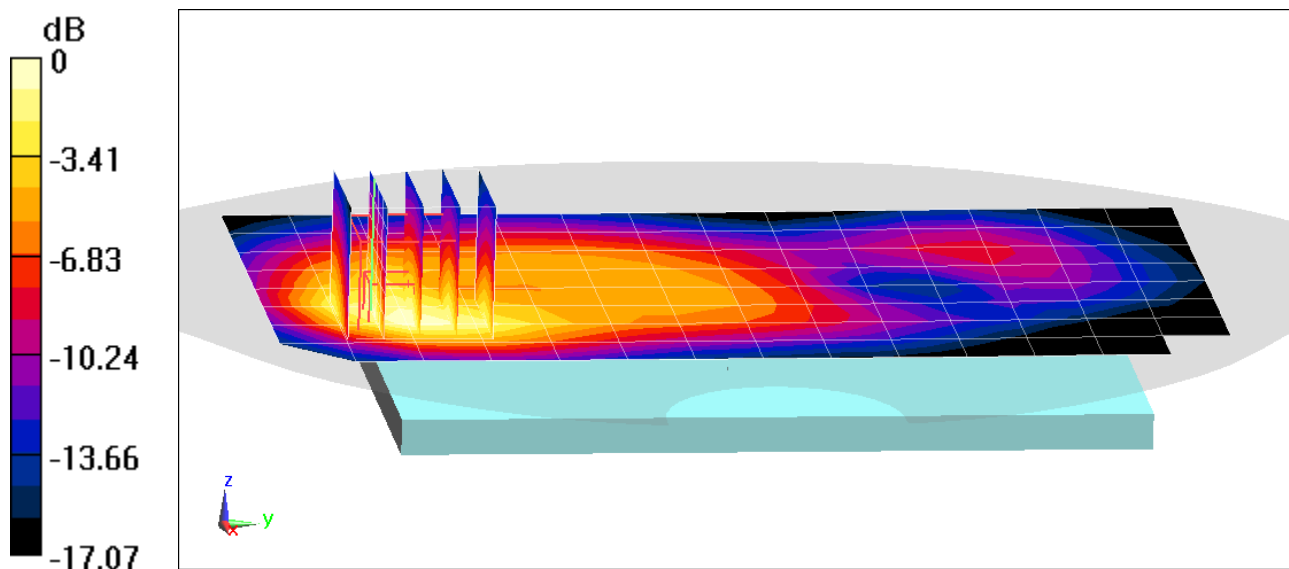
Area Scan (9x15x1): Measurement grid: dx=15mm, dy=15mm

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

Reference Value = 19.32 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 0.897 W/kg

SAR(1 g) = 0.522 W/kg



0 dB = 0.749 W/kg = -1.26 dBW/kg

PCTEST

DUT: A3LSMA426U; Type: Portable Handset; Serial: 01719

Communication System: UID 0, NR Band n25; Frequency: 1860 MHz; Duty Cycle: 1:1

Medium: 1900 Body Medium parameters used:

$f = 1860 \text{ MHz}$; $\sigma = 1.495 \text{ S/m}$; $\epsilon_r = 52.106$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section; Space: 1.0 cm

Test Date: 01/28/2021; Ambient Temp: 22.6°C; Tissue Temp: 24.2°C

Probe: EX3DV4 - SN7551; ConvF(7.84, 7.84, 7.84) @ 1860 MHz; Calibrated: 10/20/2020

Sensor-Surface: 1.4mm (Mechanical Surface Detection)

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

Phantom: Right Back Twin-SAM V5.0 (30); Type: QD 000 P40 CD; Serial: 1692

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

**Mode: NR Band n25, Body SAR, Back Side, 20 MHz Bandwidth,
CP-OFDM QPSK, Ch. 372000, 1 RB, 1 RB Offset**

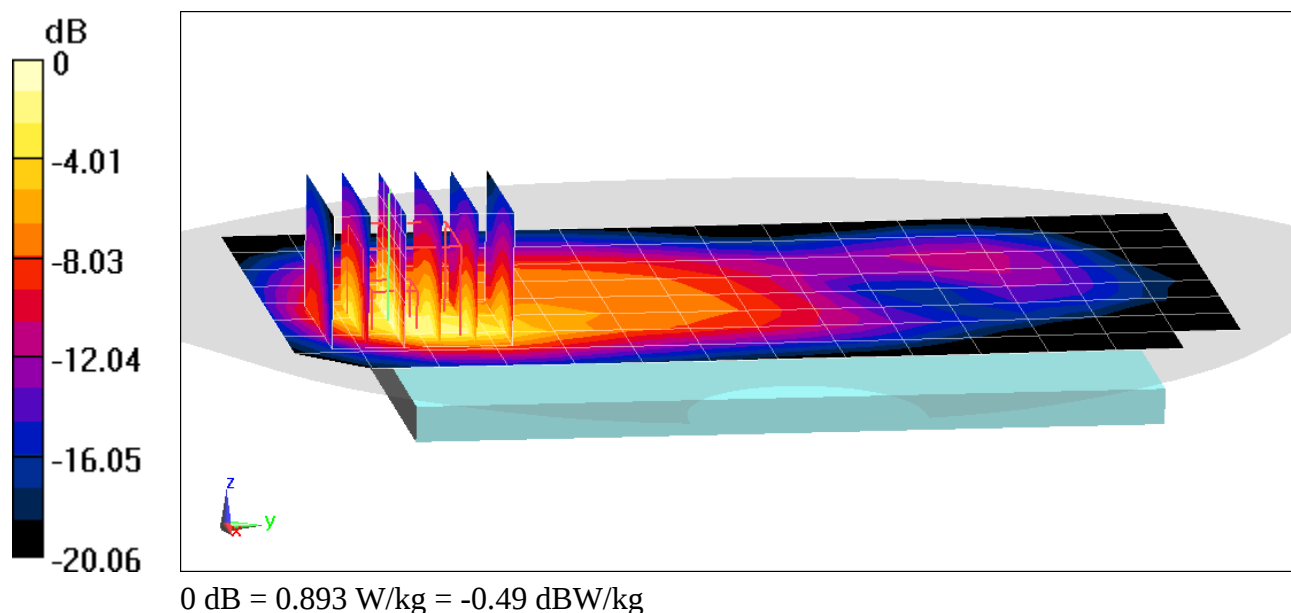
Area Scan (9x15x1): Measurement grid: dx=15mm, dy=15mm

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

Reference Value = 18.81 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 1.06 W/kg

SAR(1 g) = 0.554 W/kg



PCTEST

DUT: A3LSMA426U; Type: Portable Handset; Serial: 01867

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; $\sigma = 2.191$ S/m; $\epsilon_r = 50.586$; $\rho = 1000$ kg/m³

Phantom section: Flat Section; Space: 1.5 cm

Test Date: 02/02/2021; Ambient Temp: 23.0°C; Tissue Temp: 22.5°C

Probe: EX3DV4 - SN7409; ConvF(7.12, 7.12, 7.12) @ 2592.99 MHz; Calibrated: 6/23/2020

Sensor-Surface: 1.4mm (Mechanical Surface Detection)

Electronics: DAE4 Sn1334; Calibrated: 6/18/2020

Phantom: LeftTwin-SAM V5.0; Type: QD 000 P40 CD; Serial: TP1375

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

**Mode: NR Band n41, Body SAR, Back Side, 100 MHz Bandwidth,
DFT-s-OFDM QPSK, Ch. 518598, 135 RB, 0 RB Offset**

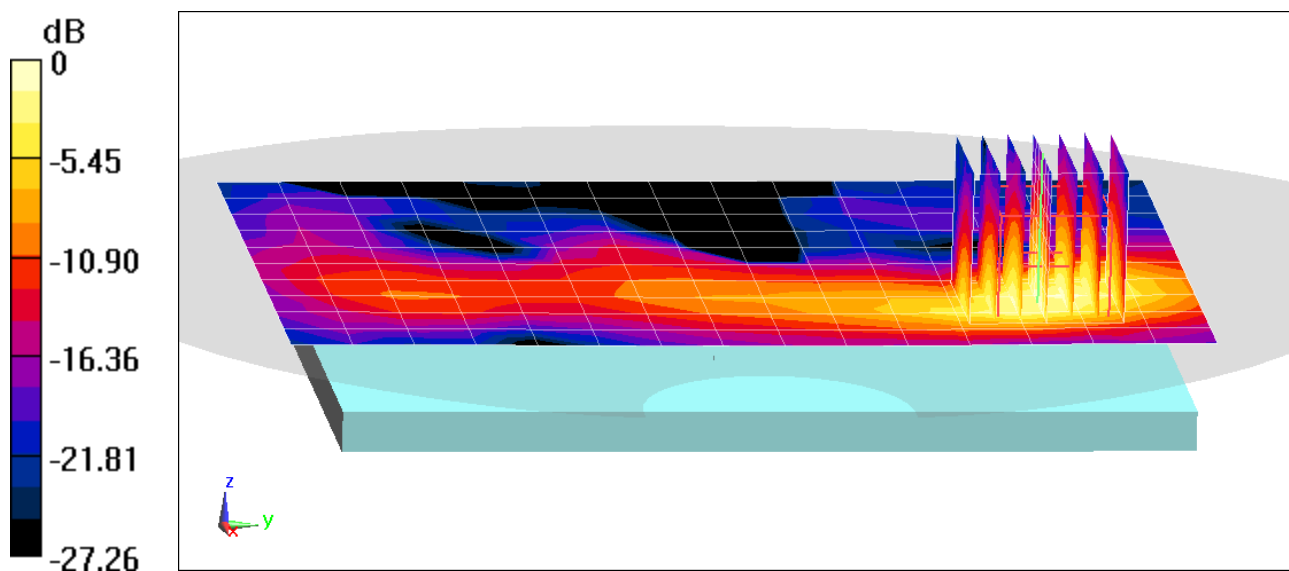
Area Scan (11x16x1): Measurement grid: dx=12mm, dy=12mm

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

Reference Value = 9.626 V/m; Power Drift = 0.12 dB

Peak SAR (extrapolated) = 0.393 W/kg

SAR(1 g) = 0.178 W/kg



0 dB = 0.305 W/kg = -5.16 dBW/kg

PCTEST

DUT: A3LSMA426U; Type: Portable Handset; Serial: 01867

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; $\sigma = 2.191$ S/m; $\epsilon_r = 50.586$; $\rho = 1000$ kg/m³

Phantom section: Flat Section; Space: 1.0 cm

Test Date: 02/02/2021; Ambient Temp: 23.0°C; Tissue Temp: 22.5°C

Probe: EX3DV4 - SN7409; ConvF(7.12, 7.12, 7.12) @ 2592.99 MHz; Calibrated: 6/23/2020

Sensor-Surface: 1.4mm (Mechanical Surface Detection)

Electronics: DAE4 Sn1334; Calibrated: 6/18/2020

Phantom: LeftTwin-SAM V5.0; Type: QD 000 P40 CD; Serial: TP1375

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

**Mode: NR Band n41, Body SAR, Back Side, 100 MHz Bandwidth,
DFT-s-OFDM QPSK, Ch. 518598, 135 RB, 0 RB Offset**

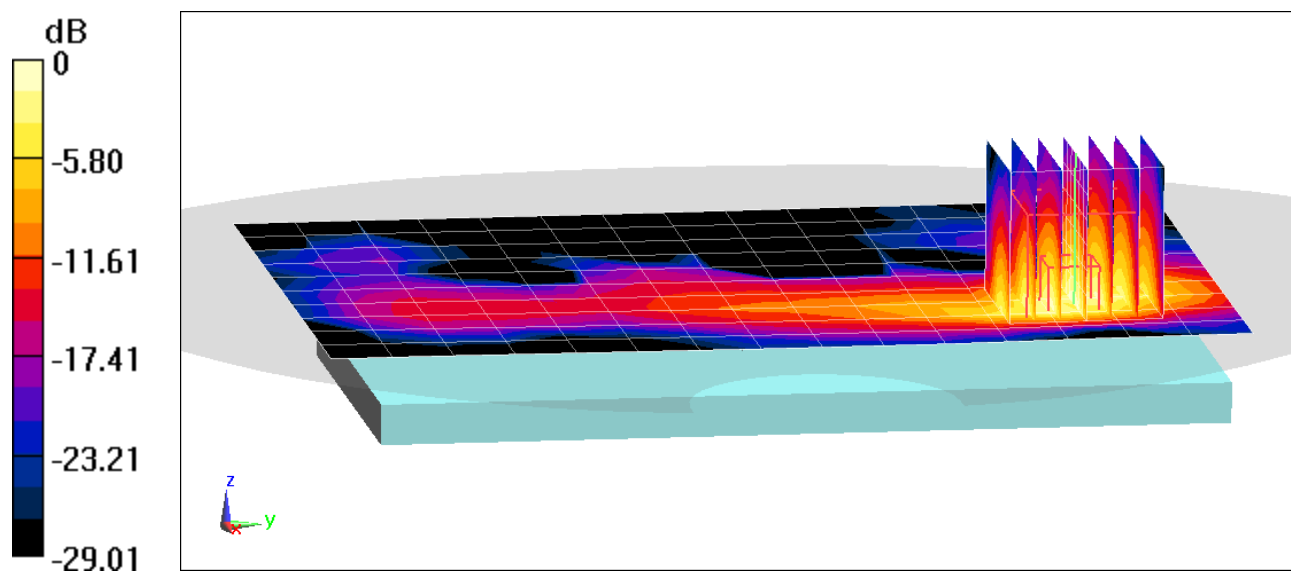
Area Scan (11x16x1): Measurement grid: dx=12mm, dy=12mm

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

Reference Value = 13.33 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 0.774 W/kg

SAR(1 g) = 0.329 W/kg



0 dB = 0.590 W/kg = -2.29 dBW/kg

PCTEST

DUT: A3LSMA426U; Type: Portable Handset; Serial: 01768

Communication System: UID 0, NR Band n77; Frequency: 3750 MHz; Duty Cycle: 1:1

Medium: 3600 Body Medium parameters used:

$f = 3750$ MHz; $\sigma = 3.513$ S/m; $\epsilon_r = 49.274$; $\rho = 1000$ kg/m³

Phantom section: Flat Section; Space: 1.5 cm

Test Date: 02/19/2021; Ambient Temp: 22.3°C; Tissue Temp: 19.9°C

Probe: EX3DV4 - SN7539; ConvF(6.48, 6.48, 6.48) @ 3750 MHz; Calibrated: 10/20/2020

Sensor-Surface: 1.4mm (Mechanical Surface Detection)

Electronics: DAE4 Sn728; Calibrated: 5/20/2020

Phantom: Twin-SAM V5.0 (left 20); Type: QD 000 P40 CD; Serial: 1630

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

**Mode: NR Band n77, Body SAR, Back side, Ch. 650000,
100 MHz Bandwidth, DFT-s-OFDM QPSK, 135 RB, 0 RB Offset**

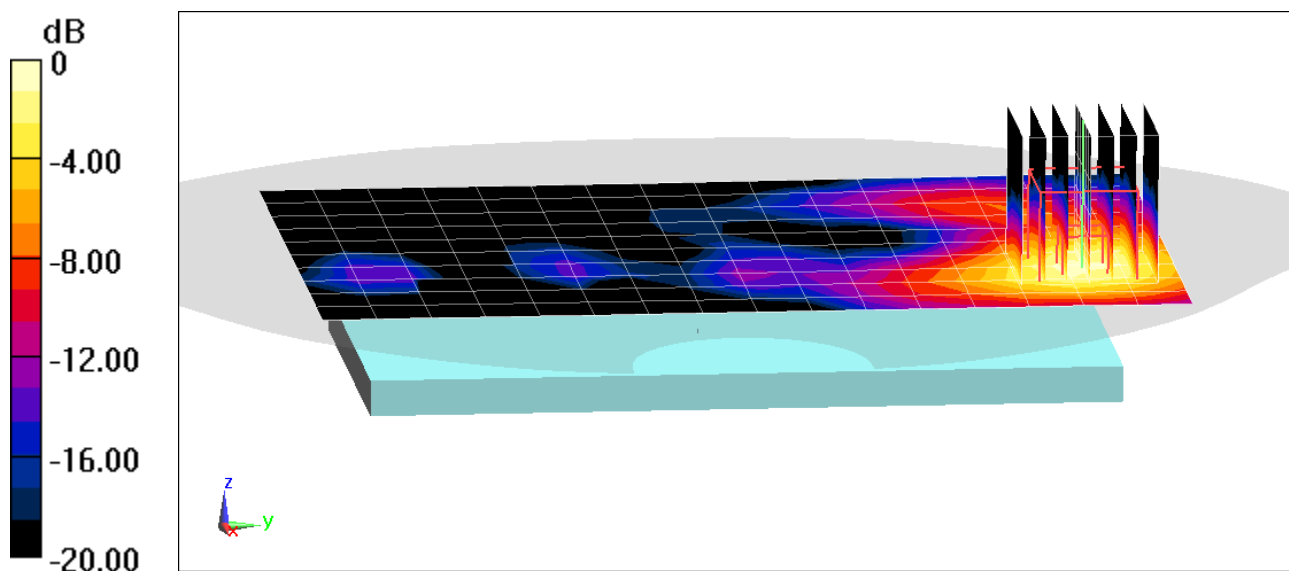
Area Scan (11x17x1): Measurement grid: dx=12mm, dy=12mm

Zoom Scan (7x7x8)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=1.4mm; Graded Ratio: 1.4

Reference Value = 8.259 V/m; Power Drift = 0.20 dB

Peak SAR (extrapolated) = 0.534 W/kg

SAR(1 g) = 0.221 W/kg



0 dB = 0.401 W/kg = -3.97 dBW/kg

PCTEST

DUT: A3LSMA426U; Type: Portable Handset; Serial: 01768

Communication System: UID 0, NR Band n77; Frequency: 3750 MHz; Duty Cycle: 1:1

Medium: 3600 Body Medium parameters used:

$f = 3750$ MHz; $\sigma = 3.513$ S/m; $\epsilon_r = 49.274$; $\rho = 1000$ kg/m³

Phantom section: Flat Section; Space: 1.0 cm

Test Date: 02/19/2021; Ambient Temp: 22.3°C; Tissue Temp: 19.9°C

Probe: EX3DV4 - SN7539; ConvF(6.48, 6.48, 6.48) @ 3750 MHz; Calibrated: 10/20/2020

Sensor-Surface: 1.4mm (Mechanical Surface Detection)

Electronics: DAE4 Sn728; Calibrated: 5/20/2020

Phantom: Twin-SAM V5.0 (left 20); Type: QD 000 P40 CD; Serial: 1630

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

**Mode: NR Band n77, Body SAR, Top Edge, Ch. 650000,
100 MHz Bandwidth, DFT-s-OFDM QPSK, 135 RB, 0 RB Offset**

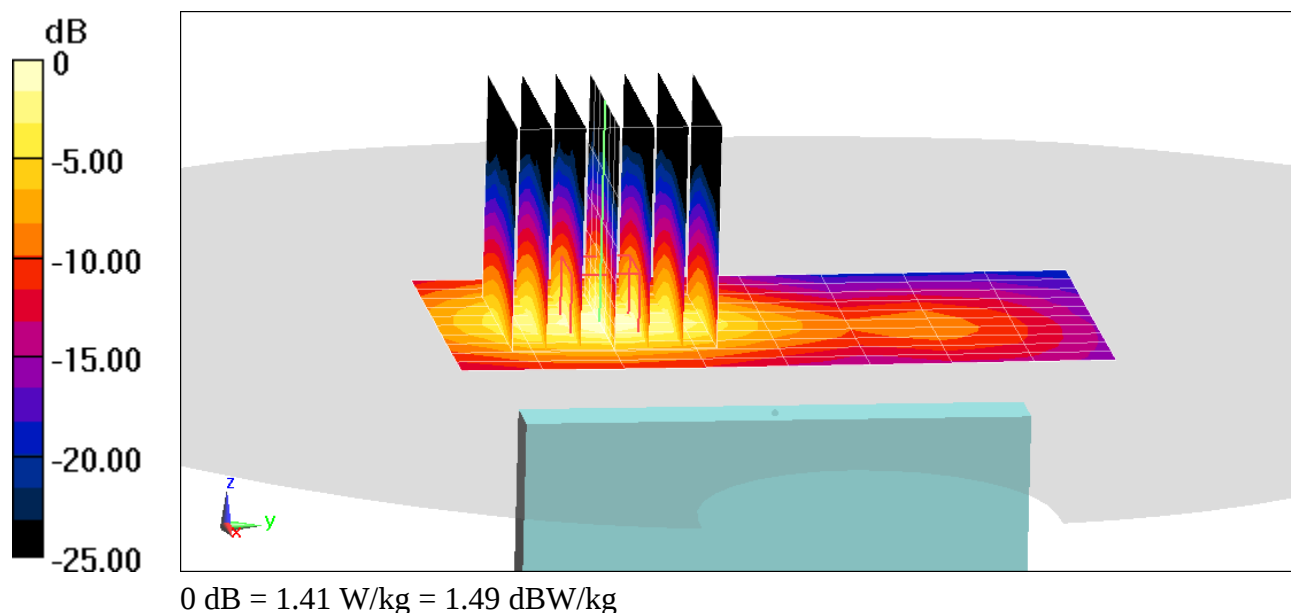
Area Scan (11x9x1): Measurement grid: dx=5mm, dy=12mm

Zoom Scan (7x7x8)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=1.4mm; Graded Ratio: 1.4

Reference Value = 15.50 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 1.94 W/kg

SAR(1 g) = 0.720 W/kg



PCTEST

DUT: A3LSMA426U; Type: Portable Handset; Serial: 02030

Communication System: UID 0, IEEE 802.11b; Frequency: 2462 MHz; Duty Cycle: 1:1

Medium: 2450 Body Medium parameters used (interpolated):

$f = 2462 \text{ MHz}$; $\sigma = 2.032 \text{ S/m}$; $\epsilon_r = 51.871$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section; Space: 1.5 cm

Test Date: 01/21/2021; Ambient Temp: 23.9°C; Tissue Temp: 22.7°C

Probe: EX3DV4 - SN7308; ConvF(7.41, 7.41, 7.41) @ 2462 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: IEEE 802.11b, 22 MHz Bandwidth, Body SAR, Ch 11, 1 Mbps, Back Side

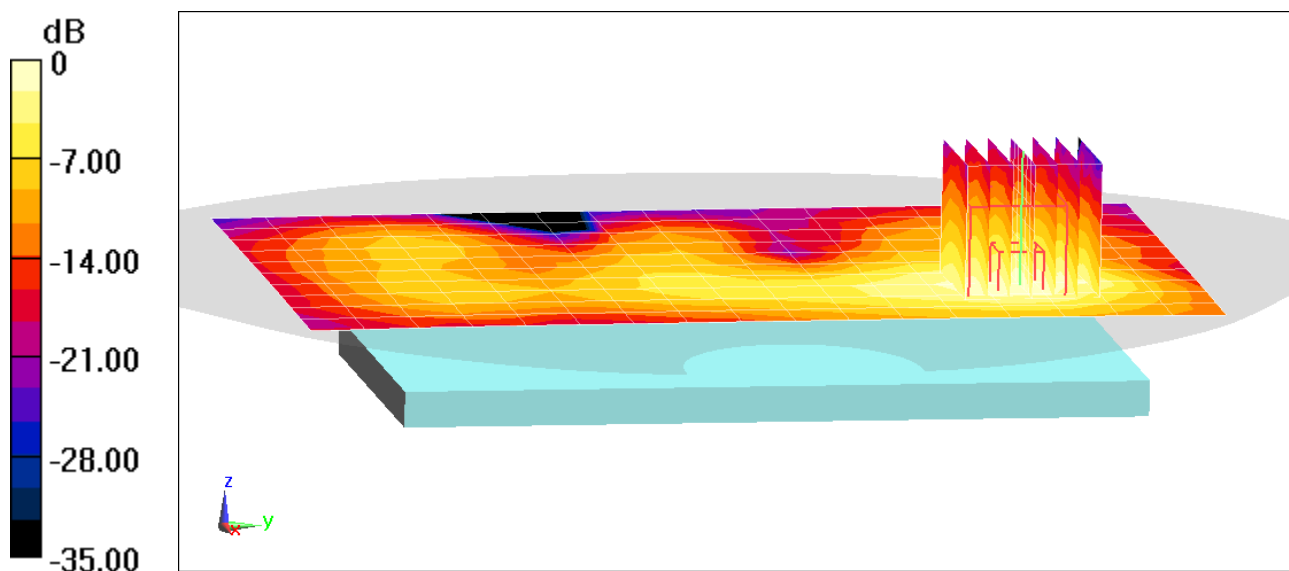
Area Scan (11x18x1): Measurement grid: $dx=12\text{mm}$, $dy=12\text{mm}$

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

Reference Value = 10.44 V/m; Power Drift = -0.11 dB

Peak SAR (extrapolated) = 0.421 W/kg

SAR(1 g) = 0.202 W/kg



0 dB = 0.333 W/kg = -4.78 dBW/kg

PCTEST

DUT: A3LSMA426U; Type: Portable Handset; Serial: 02030

Communication System: UID 0, IEEE 802.11b; Frequency: 2462 MHz; Duty Cycle: 1:1

Medium: 2450 Body Medium parameters used (interpolated):

$f = 2462 \text{ MHz}$; $\sigma = 2.032 \text{ S/m}$; $\epsilon_r = 51.871$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section; Space: 1.0 cm

Test Date: 01/21/2021; Ambient Temp: 23.9°C; Tissue Temp: 22.7°C

Probe: EX3DV4 - SN7308; ConvF(7.41, 7.41, 7.41) @ 2462 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: IEEE 802.11b, 22 MHz Bandwidth, Body SAR, Ch 11, 1 Mbps, Back Side

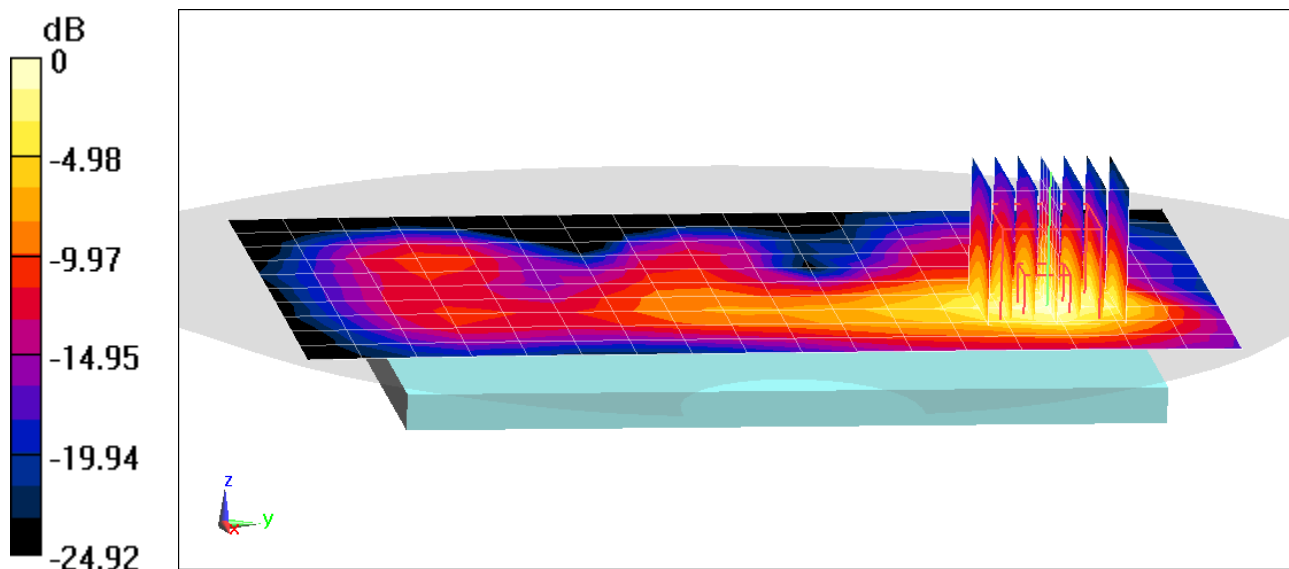
Area Scan (11x18x1): Measurement grid: $dx=12\text{mm}$, $dy=12\text{mm}$

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

Reference Value = 4.834 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 1.14 W/kg

SAR(1 g) = 0.520 W/kg



0 dB = 0.878 W/kg = -0.57 dBW/kg

PCTEST

DUT: A3LSMA426U; Type: Portable Handset; Serial: 02014

Communication System: UID 0, 802.11n; Frequency: 5270 MHz; Duty Cycle: 1:1

Medium: 5200-5800 Body Medium parameters used:

$f = 5270 \text{ MHz}$; $\sigma = 5.506 \text{ S/m}$; $\epsilon_r = 47.43$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section; Space: 1.5 cm

Test Date: 02/09/2021; Ambient Temp: 23.5°C; Tissue Temp: 24.5°C

Probe: EX3DV4 - SN7406; ConvF(5.05, 5.05, 5.05) @ 5270 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: IEEE 802.11n, UNII-2A, 40 MHz Bandwidth,
Body SAR, Ch 54, 13.5 Mbps, Back Side**

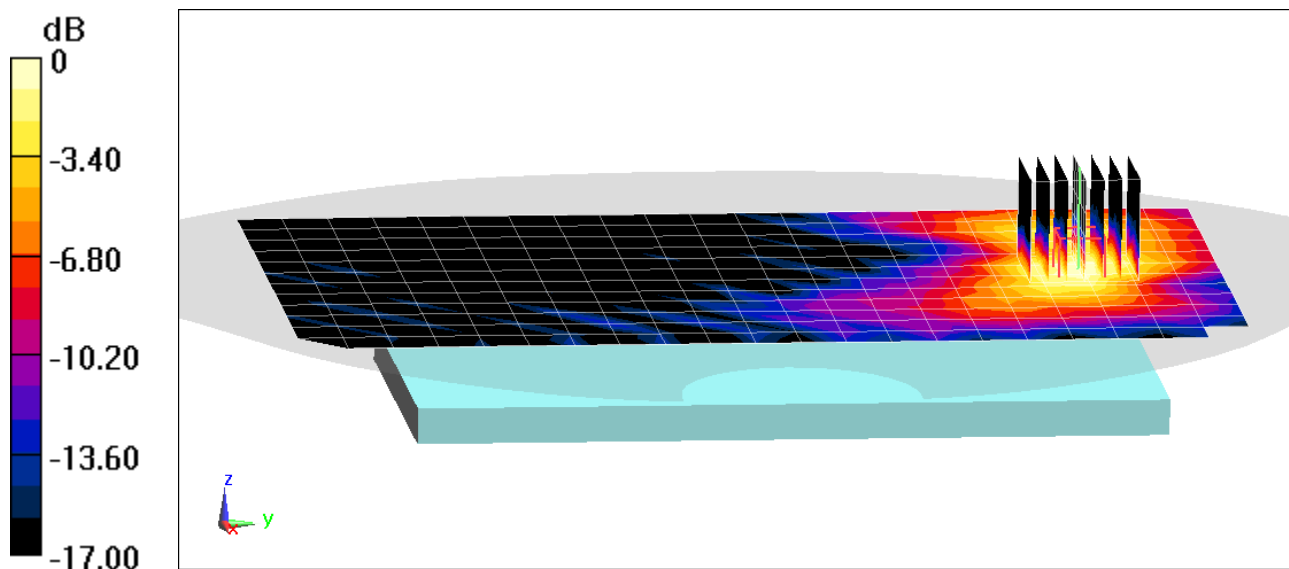
Area Scan (13x22x1): Measurement grid: dx=10mm, dy=10mm

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm; Graded Ratio: 1.4

Reference Value = 6.315 V/m; Power Drift = 0.17 dB

Peak SAR (extrapolated) = 0.985 W/kg

SAR(1 g) = 0.197 W/kg



PCTEST

DUT: A3LSMA426U; Type: Portable Handset; Serial: 02014

Communication System: UID 0, 802.11n; Frequency: 5795 MHz; Duty Cycle: 1:1

Medium: 5200-5800 Body Medium parameters used:

$f = 5795 \text{ MHz}$; $\sigma = 6.211 \text{ S/m}$; $\epsilon_r = 46.549$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section; Space: 1.0 cm

Test Date: 02/09/2021; Ambient Temp: 23.5°C; Tissue Temp: 24.5°C

Probe: EX3DV4 - SN7406; ConvF(4.56, 4.56, 4.56) @ 5795 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: IEEE 802.11n, U-NII-3, 40 MHz Bandwidth,
Body SAR, Ch 159, 13.5 Mbps, Top Edge**

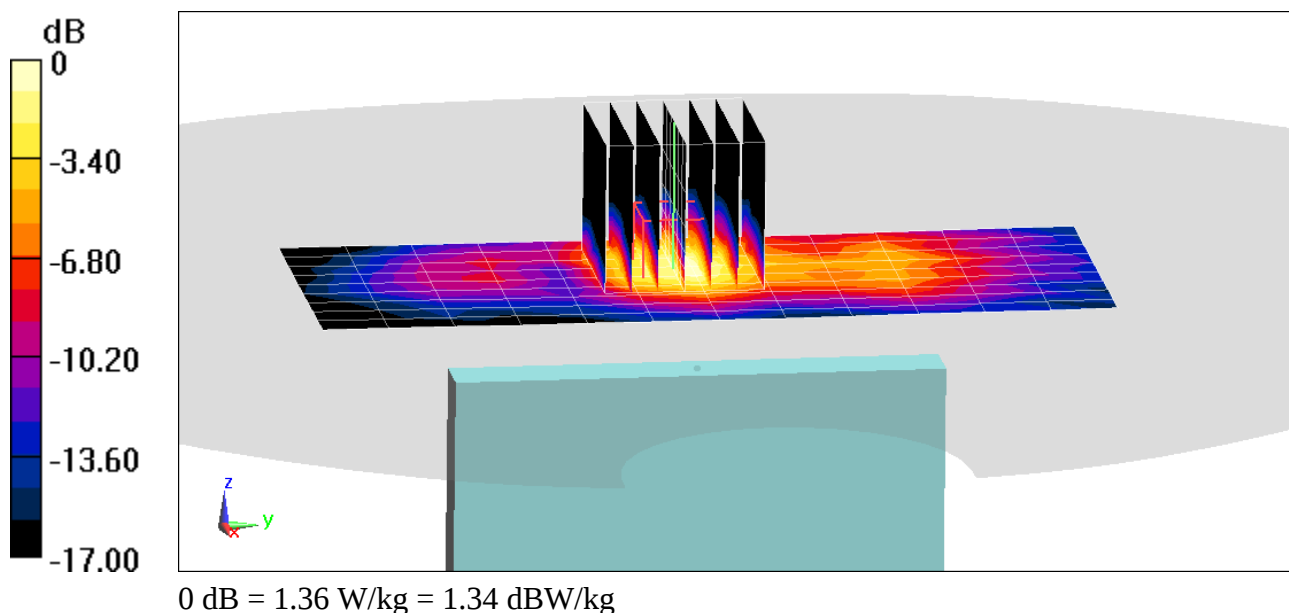
Area Scan (10x13x1): Measurement grid: dx=5mm, dy=10mm

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm; Graded Ratio: 1.4

Reference Value = 7.484 V/m; Power Drift = 0.14 dB

Peak SAR (extrapolated) = 3.66 W/kg

SAR(1 g) = 0.544 W/kg



PCTEST

DUT: A3LSMA426U; Type: Portable Handset; Serial: 02014

Communication System: UID 0, Bluetooth; Frequency: 2441 MHz; Duty Cycle: 1:1

Medium: 2450 Body Medium parameters used (interpolated):

$f = 2441 \text{ MHz}$; $\sigma = 2.035 \text{ S/m}$; $\epsilon_r = 52.569$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section; Space: 1.5 cm

Test Date: 02/09/2021; Ambient Temp: 23.5°C; Tissue Temp: 22.1°C

Probe: EX3DV4 - SN7409; ConvF(7.24, 7.24, 7.24) @ 2441 MHz; Calibrated: 6/23/2020

Sensor-Surface: 1.4mm (Mechanical Surface Detection)

Electronics: DAE4 Sn1334; Calibrated: 6/18/2020

Phantom: LeftTwin-SAM V5.0; Type: QD 000 P40 CD; Serial: TP1375

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

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

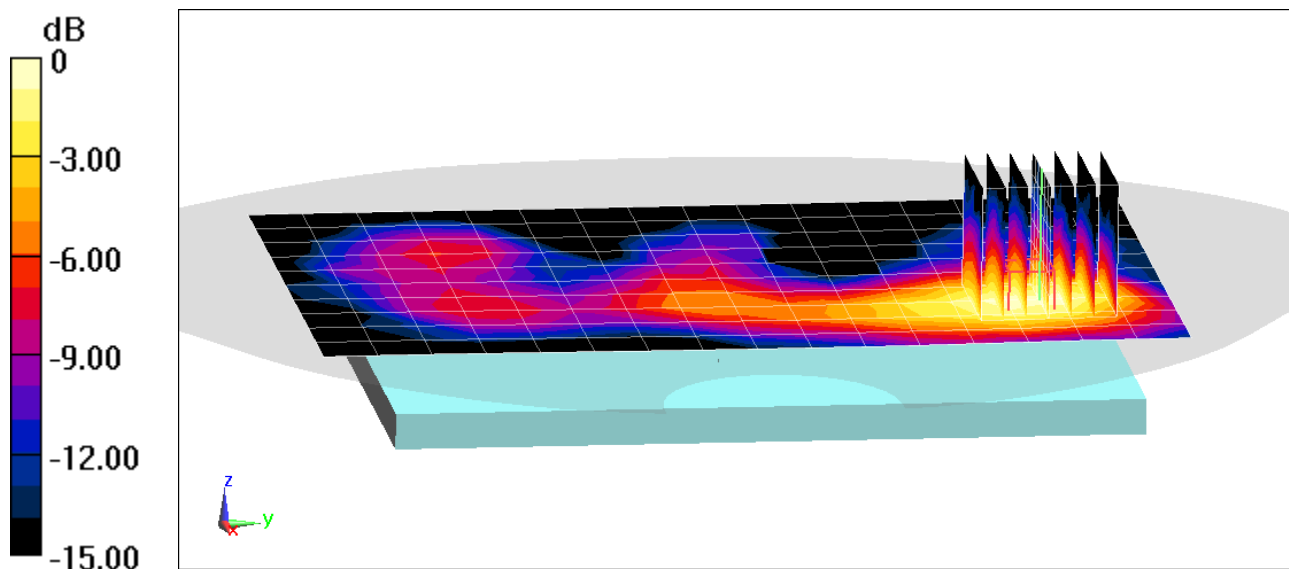
Area Scan (11x17x1): Measurement grid: $dx=12\text{mm}$, $dy=12\text{mm}$

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

Reference Value = 5.074 V/m; Power Drift = 0.18 dB

Peak SAR (extrapolated) = 0.0940 W/kg

SAR(1 g) = 0.047 W/kg



0 dB = 0.0750 W/kg = -11.25 dBW/kg

PCTEST

DUT: A3LSMA426U; Type: Portable Handset; Serial: 02014

Communication System: UID 0, Bluetooth; Frequency: 2441 MHz; Duty Cycle: 1:1

Medium: 2450 Body Medium parameters used (interpolated):

$f = 2441 \text{ MHz}$; $\sigma = 2.035 \text{ S/m}$; $\epsilon_r = 52.569$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section; Space: 1.0 cm

Test Date: 02/09/2021; Ambient Temp: 23.5°C; Tissue Temp: 22.1°C

Probe: EX3DV4 - SN7409; ConvF(7.24, 7.24, 7.24) @ 2441 MHz; Calibrated: 6/23/2020

Sensor-Surface: 1.4mm (Mechanical Surface Detection)

Electronics: DAE4 Sn1334; Calibrated: 6/18/2020

Phantom: LeftTwin-SAM V5.0; Type: QD 000 P40 CD; Serial: TP1375

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

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

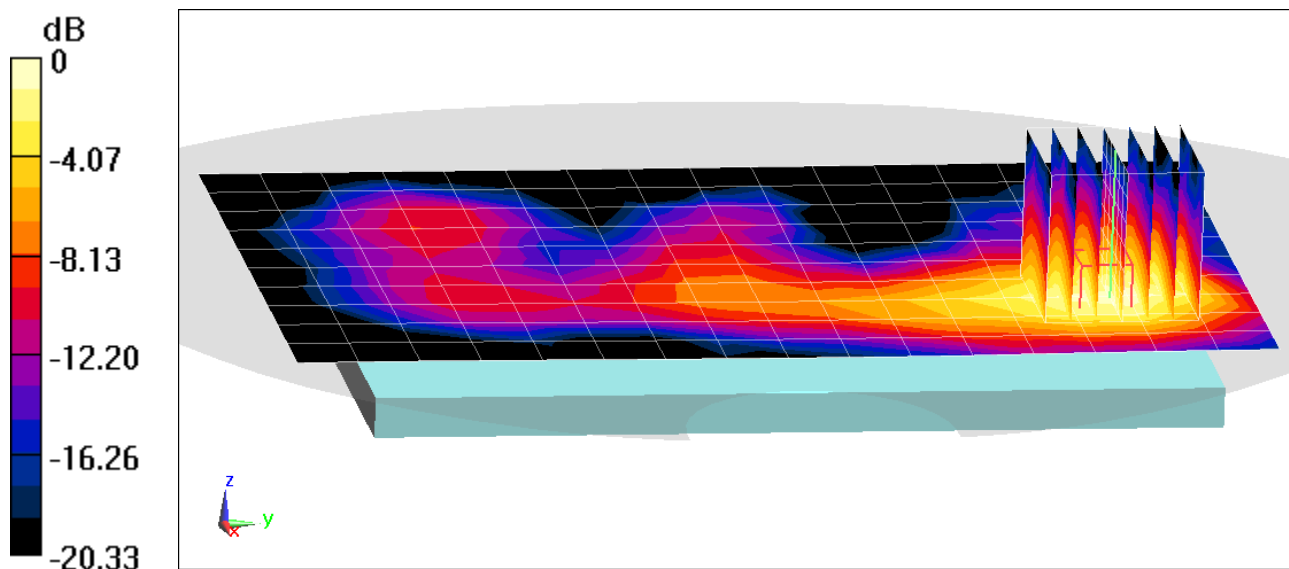
Area Scan (11x17x1): Measurement grid: $dx=12\text{mm}$, $dy=12\text{mm}$

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

Reference Value = 7.724 V/m; Power Drift = 0.15 dB

Peak SAR (extrapolated) = 0.225 W/kg

SAR(1 g) = 0.109 W/kg



0 dB = 0.178 W/kg = -7.50 dBW/kg

PCTEST

DUT: A3LSMA426U; Type: Portable Handset; Serial: 01750

Communication System: UID 0, CDMA; Frequency: 1851.25 MHz; Duty Cycle: 1:1

Medium: 1900 Body Medium parameters used (interpolated):

$f = 1851.25 \text{ MHz}$; $\sigma = 1.465 \text{ S/m}$; $\epsilon_r = 52.331$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section; Space: 0.0 cm

Test Date: 01/27/2021; Ambient Temp: 21.7°C; Tissue Temp: 22.2°C

Probe: EX3DV4 - SN7410; ConvF(7.76, 7.76, 7.76) @ 1851.25 MHz; Calibrated: 7/20/2020

Sensor-Surface: 1.4mm (Mechanical Surface Detection)

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

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

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

Mode: PCS CDMA, Phablet SAR, Bottom Edge, Low.ch

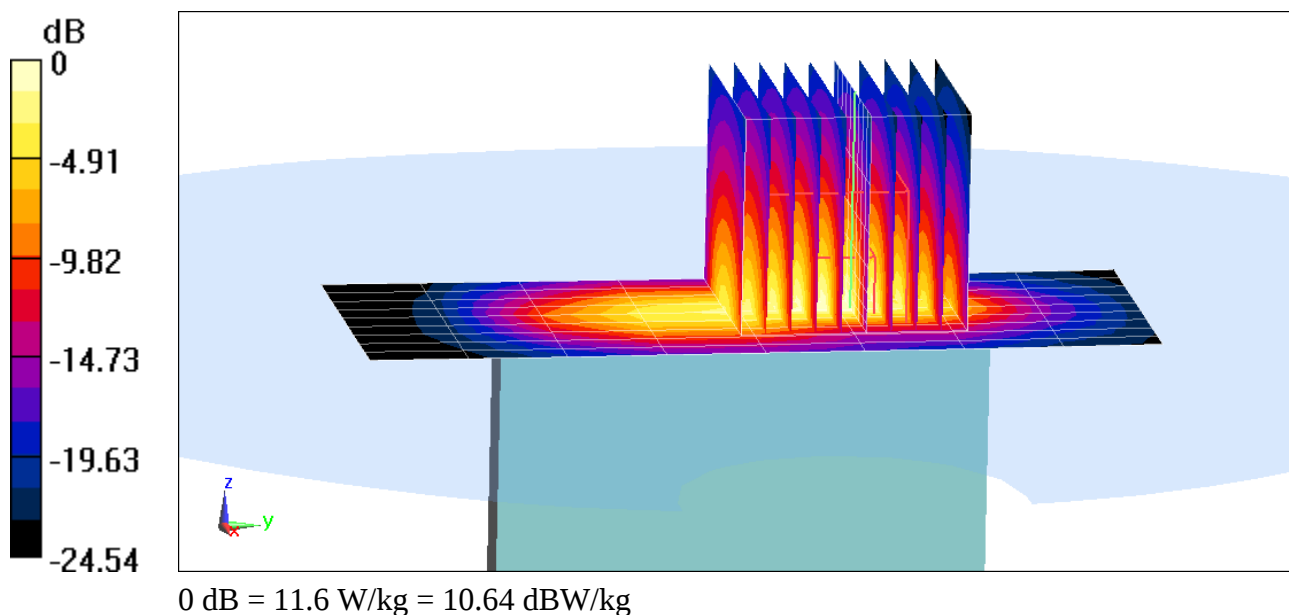
Area Scan (10x9x1): Measurement grid: $dx=5\text{mm}$, $dy=15\text{mm}$

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 = 73.18 V/m; Power Drift = -0.16 dB

Peak SAR (extrapolated) = 17.5 W/kg

SAR(10 g) = 2.56 W/kg



PCTEST

DUT: A3LSMA426U; Type: Portable Handset; Serial: 01792

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

Medium: 1750 Body Medium parameters used (interpolated):

$f = 1732.4 \text{ MHz}$; $\sigma = 1.458 \text{ S/m}$; $\epsilon_r = 51.711$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section; Space: 0.0 cm

Test Date: 01/30/2021; Ambient Temp: 23.4°C; Tissue Temp: 22.0°C

Probe: EX3DV4 - SN7406; ConvF(7.96, 7.96, 7.96) @ 1732.4 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: UMTS 1750, Phablet SAR, Bottom Edge, Mid.ch

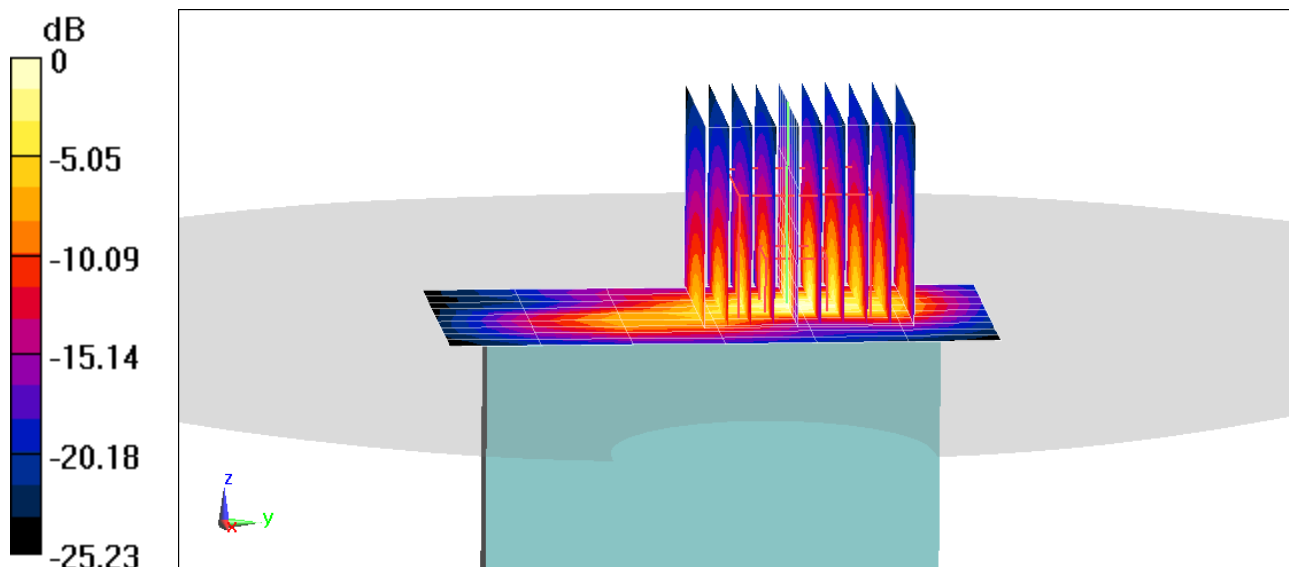
Area Scan (10x7x1): Measurement grid: $dx=5\text{mm}$, $dy=15\text{mm}$

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 = 70.53 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 24.7 W/kg

SAR(10 g) = 2.12 W/kg



0 dB = 12.7 W/kg = 11.04 dBW/kg

PCTEST

DUT: A3LSMA426U; Type: Portable Handset; Serial: 01826

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

Medium: 1900 Body Medium parameters used:

$f = 1880 \text{ MHz}$; $\sigma = 1.514 \text{ S/m}$; $\epsilon_r = 51.416$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section; Space: 0.0 cm

Test Date: 01/30/2021; Ambient Temp: 21.7°C; Tissue Temp: 22.8°C

Probe: EX3DV4 - SN7410; ConvF(7.76, 7.76, 7.76) @ 1880 MHz; Calibrated: 7/20/2020

Sensor-Surface: 1.4mm (Mechanical Surface Detection)

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

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

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

Mode: UMTS 1900, Phablet SAR, Bottom Edge, Mid.ch

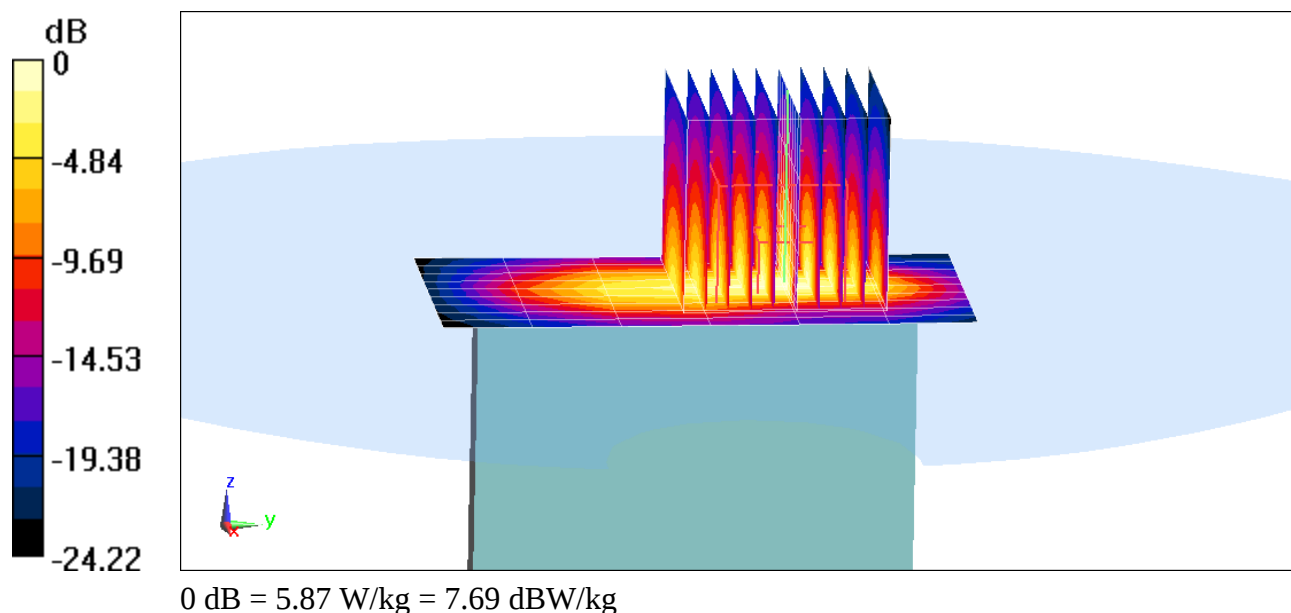
Area Scan (10x7x1): Measurement grid: $dx=5\text{mm}$, $dy=15\text{mm}$

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 = 50.62 V/m; Power Drift = 0.16 dB

Peak SAR (extrapolated) = 8.74 W/kg

SAR(10 g) = 1.33 W/kg



PCTEST

DUT: A3LSMA426U; Type: Portable Handset; Serial: 01917

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

Medium: 1750 Body Medium parameters used:

$f = 1770 \text{ MHz}$; $\sigma = 1.546 \text{ S/m}$; $\epsilon_r = 50.948$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section; Space: 0.0 cm

Test Date: 02/03/2021; Ambient Temp: 21.1°C; Tissue Temp: 19.4°C

Probe: EX3DV4 - SN7551; ConvF(8.32, 8.32, 8.32) @ 1770 MHz; Calibrated: 10/20/2020

Sensor-Surface: 1.4mm (Mechanical Surface Detection)

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

Phantom: Right Back Twin-SAM V5.0 (30); Type: QD 000 P40 CD; Serial: 1692

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

Mode: LTE Band 66 (AWS), ULCA CA_66C, Phablet SAR, Bottom Edge, High.ch,

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

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

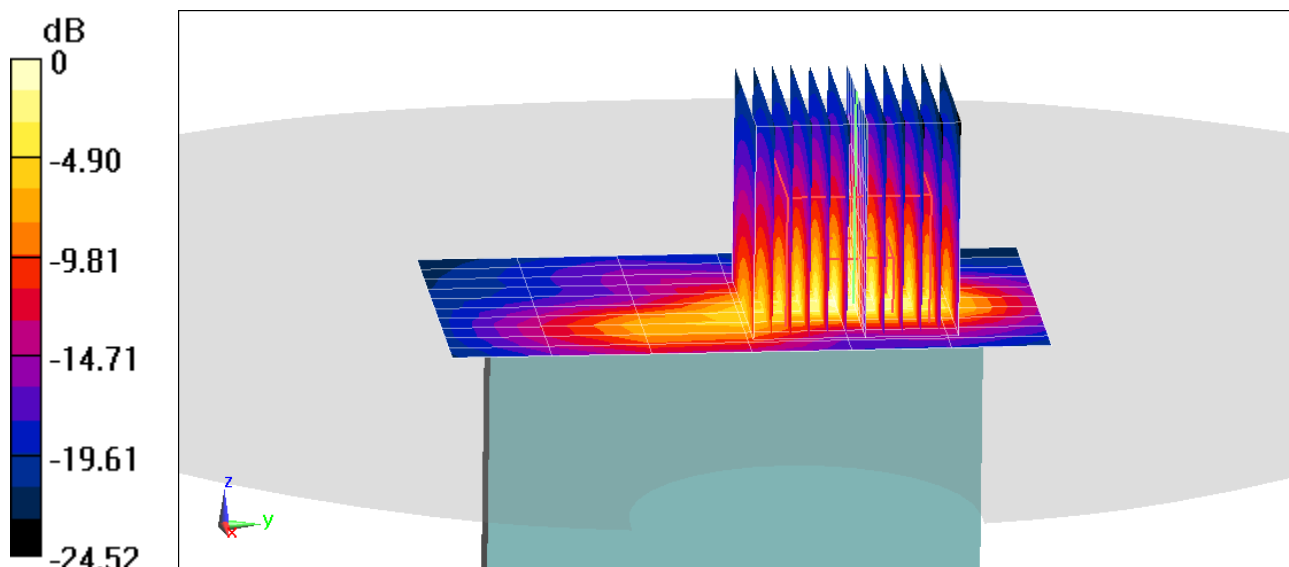
Area Scan (11x7x1): Measurement grid: $dx=5\text{mm}$, $dy=15\text{mm}$

Zoom Scan (12x12x8)/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 = 63.04 V/m; Power Drift = -0.13 dB

Peak SAR (extrapolated) = 17.1 W/kg

SAR(10 g) = 1.9 W/kg



0 dB = 11.0 W/kg = 10.41 dBW/kg

PCTEST

DUT: A3LSMA426U; Type: Portable Handset; Serial: 01834

Communication System: UID 0, LTE Band 25 (PCS); Frequency: 1860 MHz; Duty Cycle: 1:1

Medium: 1900 Body Medium parameters used:

$f = 1860 \text{ MHz}$; $\sigma = 1.495 \text{ S/m}$; $\epsilon_r = 52.106$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section; Space: 0.0 cm

Test Date: 01/28/2021; Ambient Temp: 22.6°C; Tissue Temp: 24.2°C

Probe: EX3DV4 - SN7551; ConvF(7.84, 7.84, 7.84) @ 1860 MHz; Calibrated: 10/20/2020

Sensor-Surface: 1.4mm (Mechanical Surface Detection)

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

Phantom: Right Back Twin-SAM V5.0 (30); Type: QD 000 P40 CD; Serial: 1692

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

**Mode: LTE Band 25 (PCS), Phablet SAR, Bottom Edge,
Low.ch, 20 MHz Bandwidth, QPSK, 1 RB, 99 RB Offset**

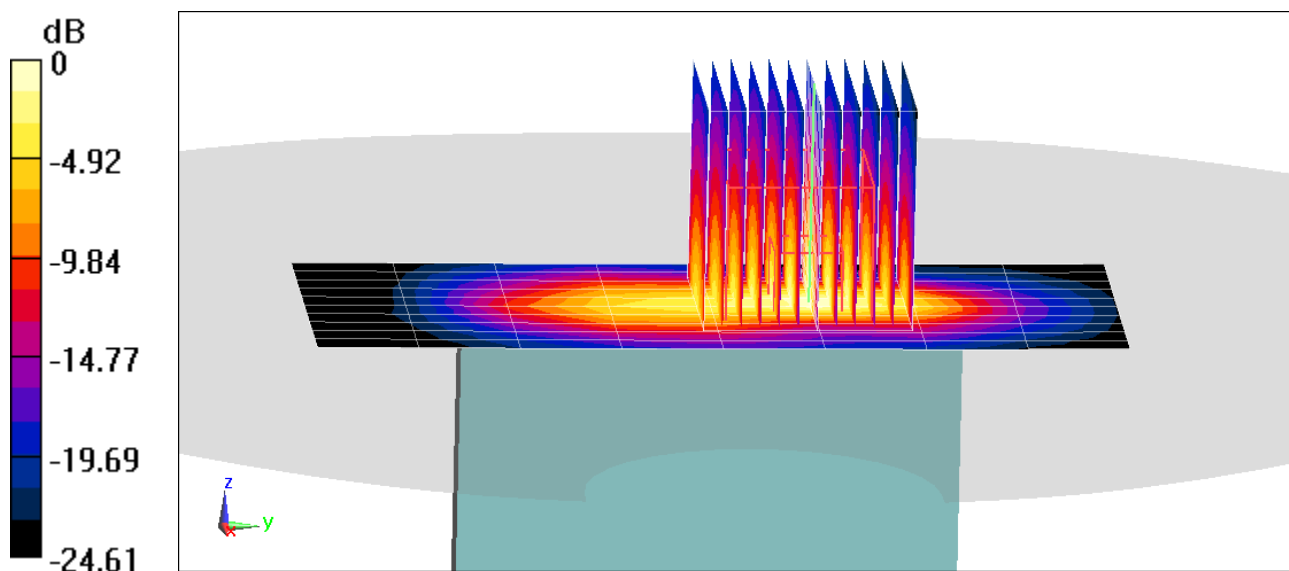
Area Scan (11x9x1): Measurement grid: dx=5mm, dy=15mm

Zoom Scan (12x12x8)/Cube 0: Measurement grid: dx=2.8mm, dy=2.8mm, dz=1.4mm; Graded Ratio: 1.4

Reference Value = 67.29 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 15.0 W/kg

SAR(10 g) = 2.19 W/kg



0 dB = 11.0 W/kg = 10.41 dBW/kg

PCTEST

DUT: A3LSMA426U; Type: Portable Handset; Serial: 01834

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

Medium: 2450 Body Medium parameters used:

$f = 2310 \text{ MHz}$; $\sigma = 1.865 \text{ S/m}$; $\epsilon_r = 50.939$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section; Space: 0.0 cm

Test Date: 02/06/2021; Ambient Temp: 23.4°C; Tissue Temp: 22.0°C

Probe: EX3DV4 - SN7409; ConvF(7.5, 7.5, 7.5) @ 2310 MHz; Calibrated: 6/23/2020

Sensor-Surface: 1.4mm (Mechanical Surface Detection)

Electronics: DAE4 Sn1334; Calibrated: 6/18/2020

Phantom: LeftTwin-SAM V5.0; Type: QD 000 P40 CD; Serial: TP1375

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

**Mode: LTE Band 30, Phablet SAR, Back side, Mid.ch,
10 MHz Bandwidth, QPSK, 50 RB, 0 RB Offset**

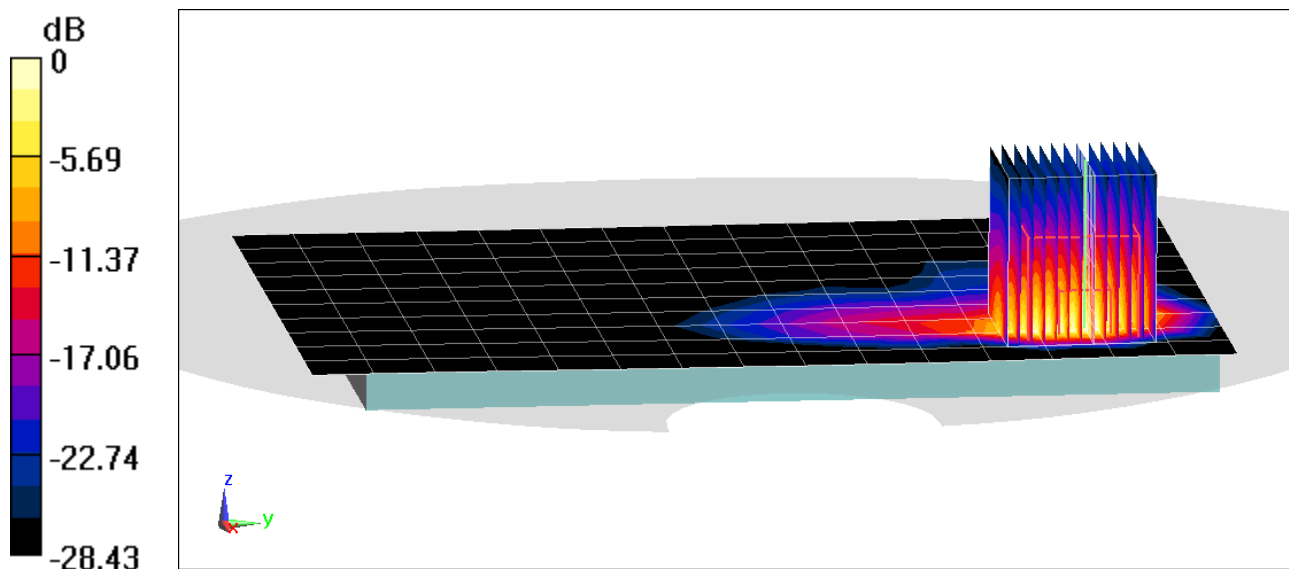
Area Scan (11x16x1): Measurement grid: dx=12mm, dy=12mm

Zoom Scan (13x13x8)/Cube 0: Measurement grid: dx=2.4mm, dy=2.4mm, dz=1.4mm; Graded Ratio: 1.4

Reference Value = 63.46 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 24.9 W/kg

SAR(10 g) = 2.29 W/kg



0 dB = 15.4 W/kg = 11.88 dBW/kg

PCTEST

DUT: A3LSMA426U; Type: Portable Handset; Serial: 01883

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

Medium: 2450 Body Medium parameters used:

$f = 2535 \text{ MHz}$; $\sigma = 2.122 \text{ S/m}$; $\epsilon_r = 50.747$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section; Space: 0.0 cm

Test Date: 02/02/2021; Ambient Temp: 23.0°C; Tissue Temp: 22.5°C

Probe: EX3DV4 - SN7409; ConvF(7.12, 7.12, 7.12) @ 2535 MHz; Calibrated: 6/23/2020

Sensor-Surface: 1.4mm (Mechanical Surface Detection)

Electronics: DAE4 Sn1334; Calibrated: 6/18/2020

Phantom: LeftTwin-SAM V5.0; Type: QD 000 P40 CD; Serial: TP1375

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

**Mode: LTE Band 7, Phablet SAR, Back side, Mid.ch,
20 MHz Bandwidth, QPSK, 50 RB, 50 RB Offset**

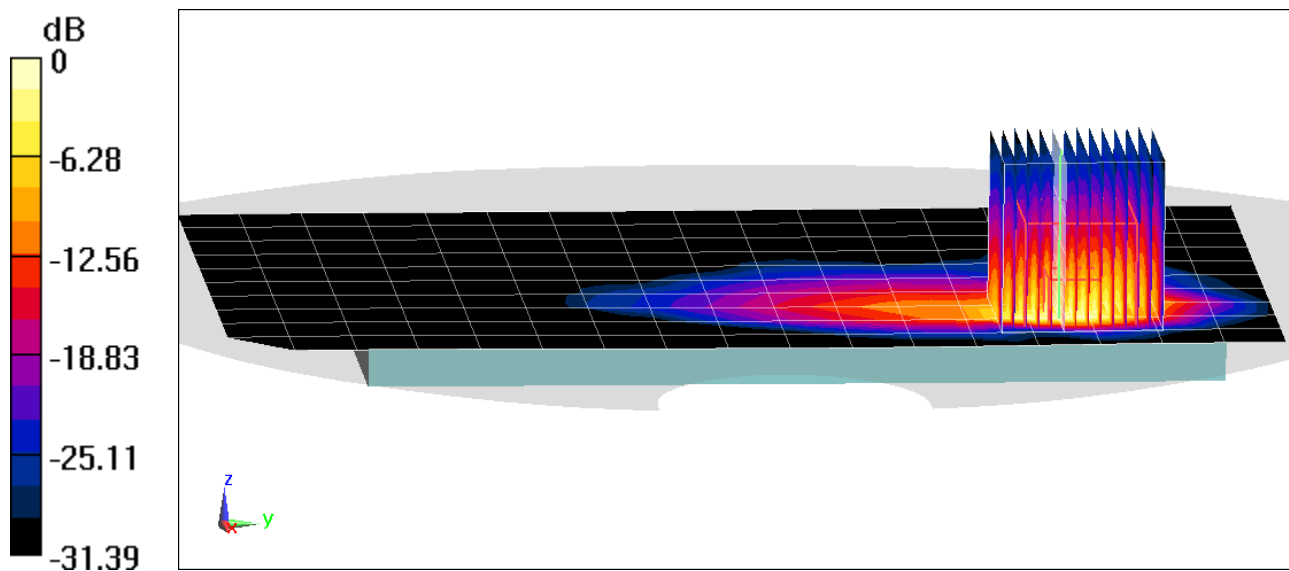
Area Scan (11x18x1): Measurement grid: dx=12mm, dy=12mm

Zoom Scan (14x14x8)/Cube 0: Measurement grid: dx=2.4mm, dy=2.4mm, dz=1.4mm; Graded Ratio: 1.4

Reference Value = 42.99 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 16.9 W/kg

SAR(10 g) = 1.3 W/kg



0 dB = 9.94 W/kg = 9.97 dBW/kg

PCTEST

DUT: A3LSMA426U; Type: Portable Handset; Serial: 01909

Communication System: UID 0, LTE Band 48; Frequency: 3690 MHz; Duty Cycle: 1:1.58

Medium: 3600 Body Medium parameters used:

$f = 3690 \text{ MHz}$; $\sigma = 3.496 \text{ S/m}$; $\epsilon_r = 49.893$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section; Space: 0.0 cm

Test Date: 02/15/2021; Ambient Temp: 23.3°C; Tissue Temp: 20.2°C

Probe: EX3DV4 - SN7539; ConvF(6.48, 6.48, 6.48) @ 3690 MHz; Calibrated: 10/20/2020

Sensor-Surface: 1.4mm (Mechanical Surface Detection)

Electronics: DAE4 Sn728; Calibrated: 5/20/2020

Phantom: Twin-SAM V5.0 (left 20); Type: QD 000 P40 CD; Serial: 1630

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

**Mode: LTE Band 48, Body SAR, Top Edge, High.ch,
20 MHz Bandwidth, QPSK, 1 RB, 99 RB Offset**

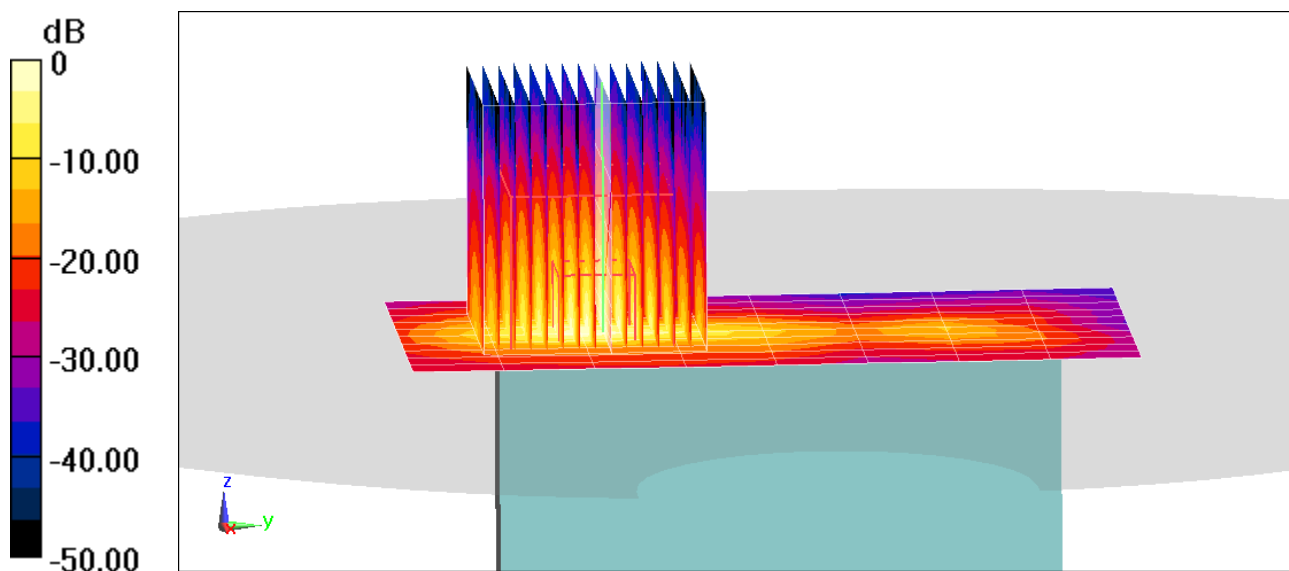
Area Scan (11x9x1): Measurement grid: dx=5mm, dy=12mm

Zoom Scan (15x15x8)/Cube 0: Measurement grid: dx=2.1mm, dy=2.1mm, dz=1.4mm; Graded Ratio: 1.4

Reference Value = 61.94 V/m; Power Drift = -0.14 dB

Peak SAR (extrapolated) = 49.2 W/kg

SAR(10 g) = 2.29 W/kg



0 dB = 29.0 W/kg = 14.62 dBW/kg

PCTEST

DUT: A3LSMA426U; Type: Portable Handset; Serial: 40527

Communication System: UID 0, LTE Band 41 (Class 2); Frequency: 2593 MHz; Duty Cycle: 1:2.31

Medium: 2450 Body Medium parameters used (interpolated):

$f = 2593 \text{ MHz}$; $\sigma = 2.212 \text{ S/m}$; $\epsilon_r = 52.107$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section; Space: 0.0 cm

Test Date: 02/09/2021; Ambient Temp: 23.5°C; Tissue Temp: 22.1°C

Probe: EX3DV4 - SN7409; ConvF(7.12, 7.12, 7.12) @ 2593 MHz; Calibrated: 6/23/2020

Sensor-Surface: 1.4mm (Mechanical Surface Detection)

Electronics: DAE4 Sn1334; Calibrated: 6/18/2020

Phantom: LeftTwin-SAM V5.0; Type: QD 000 P40 CD; Serial: TP1375

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

Mode: LTE Band 41, PC2, ULCA, Phablet SAR, Back side, Mid.ch,

PCC: 20 MHz Bandwidth, QPSK, Ch. 40620, 50 RB, 50 RB Offset

SCC: 20 MHz Bandwidth, QPSK, Ch. 40818, 50 RB, 0 RB Offset

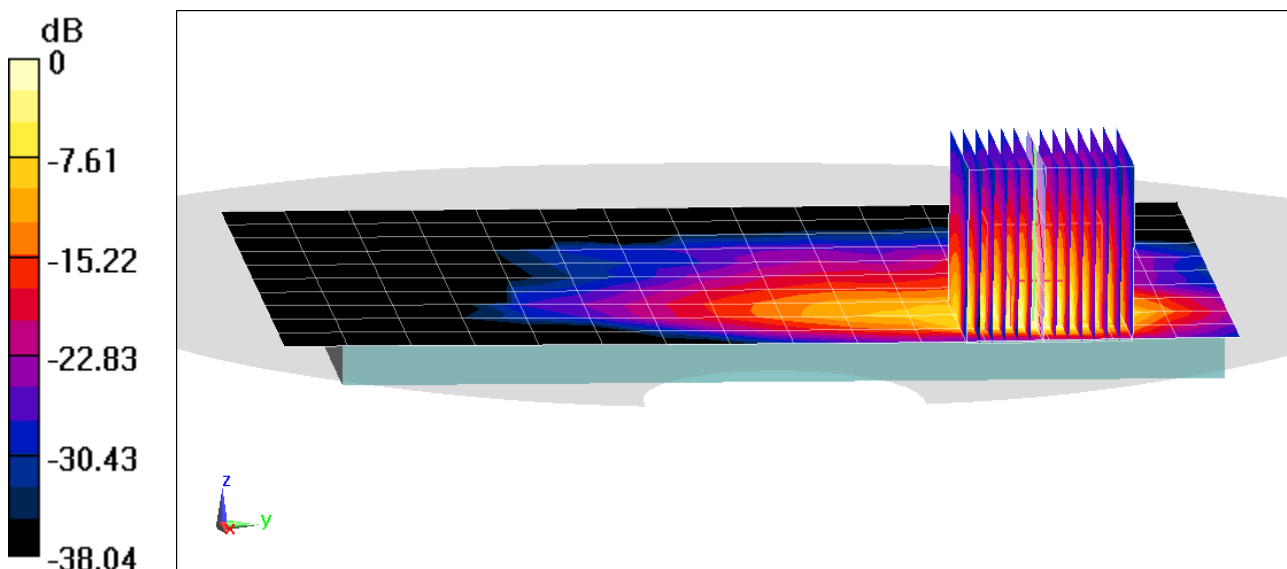
Area Scan (11x16x1): Measurement grid: dx=12mm, dy=12mm

Zoom Scan (16x14x8)/Cube 0: Measurement grid: dx=2.4mm, dy=2.4mm, dz=1.4mm; Graded Ratio: 1.4

Reference Value = 36.32 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 15.5 W/kg

SAR(10 g) = 1.14 W/kg



0 dB = 9.25 W/kg = 9.66 dBW/kg

PCTEST

DUT: A3LSMA426U; Type: Portable Handset; Serial: 01792

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

Medium: 1750 Body Medium parameters used:

$f = 1745 \text{ MHz}$; $\sigma = 1.472 \text{ S/m}$; $\epsilon_r = 51.671$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section; Space: 0.0 cm

Test Date: 01/30/2021; Ambient Temp: 23.4°C; Tissue Temp: 22.0°C

Probe: EX3DV4 - SN7406; ConvF(7.96, 7.96, 7.96) @ 1745 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 n66, Phablet SAR, Bottom Edge, 20 MHz Bandwidth,
DFT-s-OFDM QPSK, Ch. 349000, 50 RB, 28 RB Offset**

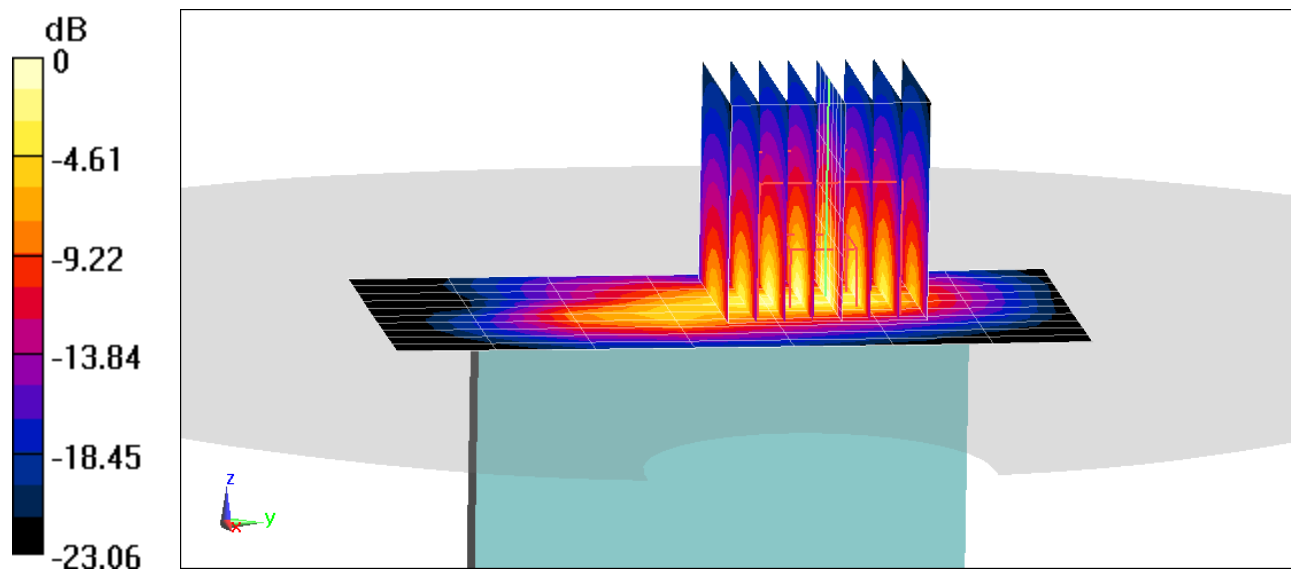
Area Scan (11x8x1): Measurement grid: dx=5mm, dy=15mm

Zoom Scan (8x8x8)/Cube 0: Measurement grid: dx=4.3mm, dy=4.3mm, dz=1.4mm; Graded Ratio: 1.4

Reference Value = 71.12 V/m; Power Drift = -0.13 dB

Peak SAR (extrapolated) = 20.3 W/kg

SAR(10 g) = 2.66 W/kg



0 dB = 12.8 W/kg = 11.07 dBW/kg

PCTEST

DUT: A3LSMA426U; Type: Portable Handset; Serial: 01719

Communication System: UID 0, NR Band n25; Frequency: 1860 MHz; Duty Cycle: 1:1

Medium: 1900 Body Medium parameters used:

$f = 1860 \text{ MHz}$; $\sigma = 1.495 \text{ S/m}$; $\epsilon_r = 52.106$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section; Space: 0.0 cm

Test Date: 01/28/2021; Ambient Temp: 22.6°C; Tissue Temp: 24.2°C

Probe: EX3DV4 - SN7551; ConvF(7.84, 7.84, 7.84) @ 1860 MHz; Calibrated: 10/20/2020

Sensor-Surface: 1.4mm (Mechanical Surface Detection)

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

Phantom: Right Back Twin-SAM V5.0 (30); Type: QD 000 P40 CD; Serial: 1692

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

**Mode: NR Band n25, Phablet SAR, Bottom Edge, 20 MHz Bandwidth,
DFT-s-OFDM QPSK, Ch. 372000, 50 RB, 28 RB Offset**

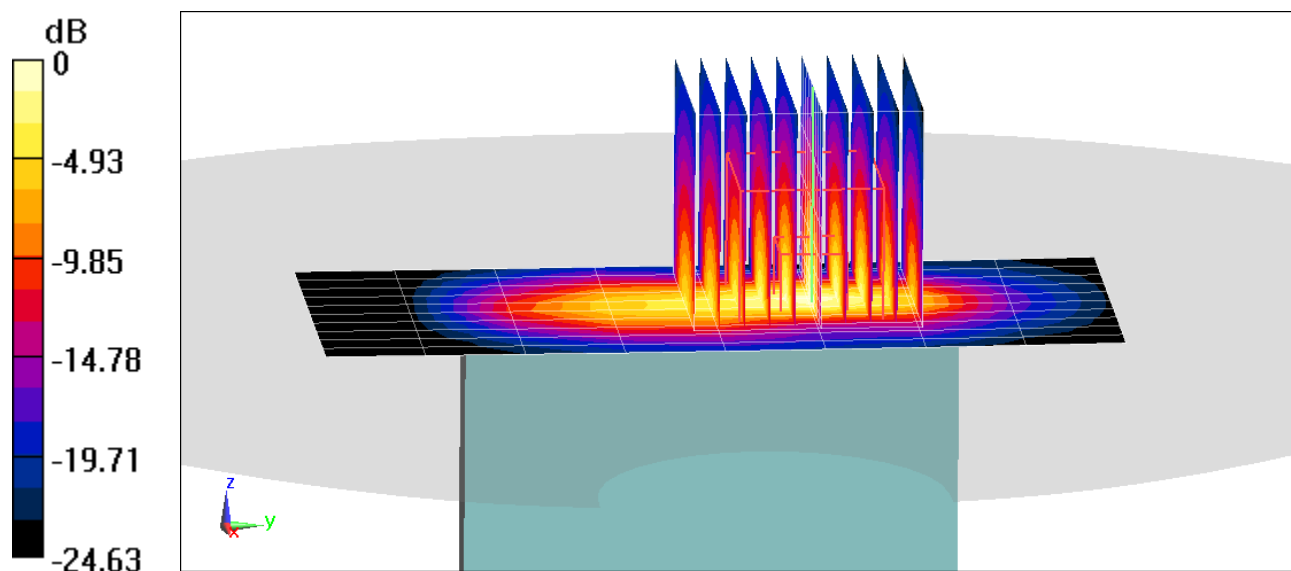
Area Scan (11x9x1): Measurement grid: dx=5mm, dy=15mm

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

Reference Value = 72.55 V/m; Power Drift = 0.18 dB

Peak SAR (extrapolated) = 19.7 W/kg

SAR(10 g) = 2.6 W/kg



0 dB = 13.4 W/kg = 11.27 dBW/kg

PCTEST

DUT: A3LSMA426U; Type: Portable Handset; Serial: 01867

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; $\sigma = 2.191$ S/m; $\epsilon_r = 50.586$; $\rho = 1000$ kg/m³

Phantom section: Flat Section; Space: 0.0 cm

Test Date: 02/02/2021; Ambient Temp: 23.0°C; Tissue Temp: 22.5°C

Probe: EX3DV4 - SN7409; ConvF(7.12, 7.12, 7.12) @ 2592.99 MHz; Calibrated: 6/23/2020

Sensor-Surface: 1.4mm (Mechanical Surface Detection)

Electronics: DAE4 Sn1334; Calibrated: 6/18/2020

Phantom: LeftTwin-SAM V5.0; Type: QD 000 P40 CD; Serial: TP1375

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

**Mode: NR Band n41, Body SAR, Back Side, 100 MHz Bandwidth,
DFT-s-OFDM QPSK, Ch. 518598, 135 RB, 0 RB Offset**

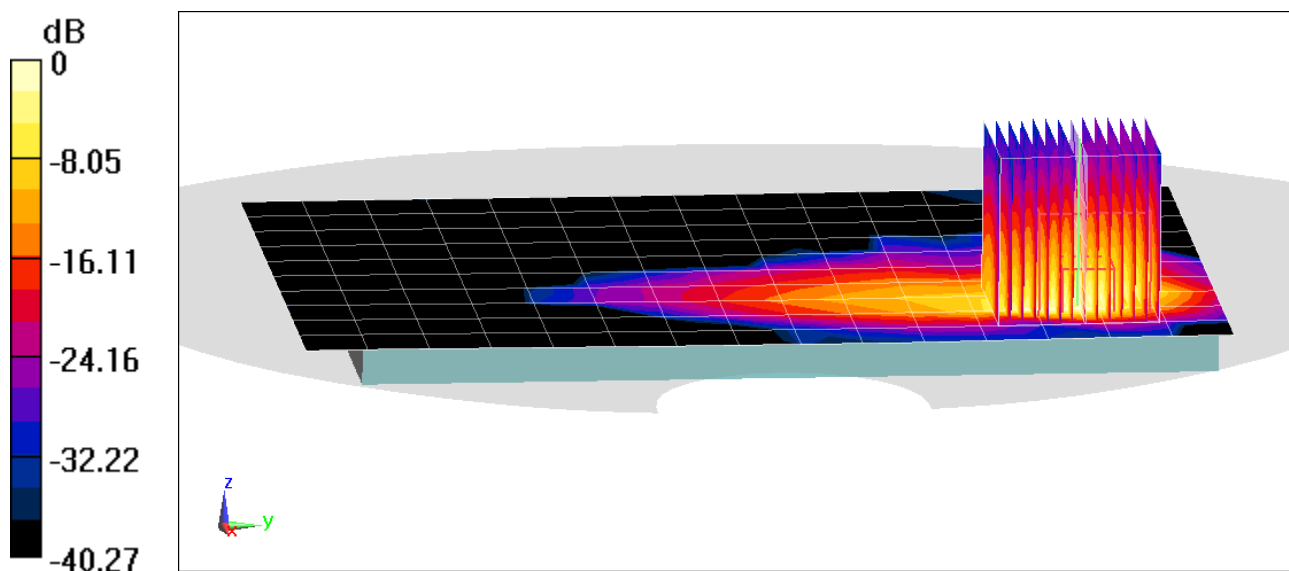
Area Scan (11x16x1): Measurement grid: dx=12mm, dy=12mm

Zoom Scan (14x14x8)/Cube 0: Measurement grid: dx=2.4mm, dy=2.4mm, dz=1.4mm; Graded Ratio: 1.4

Reference Value = 28.82 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 7.62 W/kg

SAR(10 g) = 0.608 W/kg



0 dB = 4.60 W/kg = 6.63 dBW/kg

PCTEST

DUT: A3LSMA426U; Type: Portable Handset; Serial: 01768

Communication System: UID 0, NR Band n77; Frequency: 3750 MHz; Duty Cycle: 1:1

Medium: 3600 Body Medium parameters used:

$f = 3750 \text{ MHz}$; $\sigma = 3.513 \text{ S/m}$; $\epsilon_r = 49.274$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section; Space: 0.0 cm

Test Date: 02/19/2021; Ambient Temp: 22.3°C; Tissue Temp: 19.9°C

Probe: EX3DV4 - SN7539; ConvF(6.48, 6.48, 6.48) @ 3750 MHz; Calibrated: 10/20/2020

Sensor-Surface: 1.4mm (Mechanical Surface Detection)

Electronics: DAE4 Sn728; Calibrated: 5/20/2020

Phantom: Twin-SAM V5.0 (left 20); Type: QD 000 P40 CD; Serial: 1630

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

**Mode: NR Band n77, Phablet SAR, Top Edge, Ch. 650000,
100 MHz Bandwidth, DFT-s-OFDM QPSK, 135 RB, 0 RB Offset**

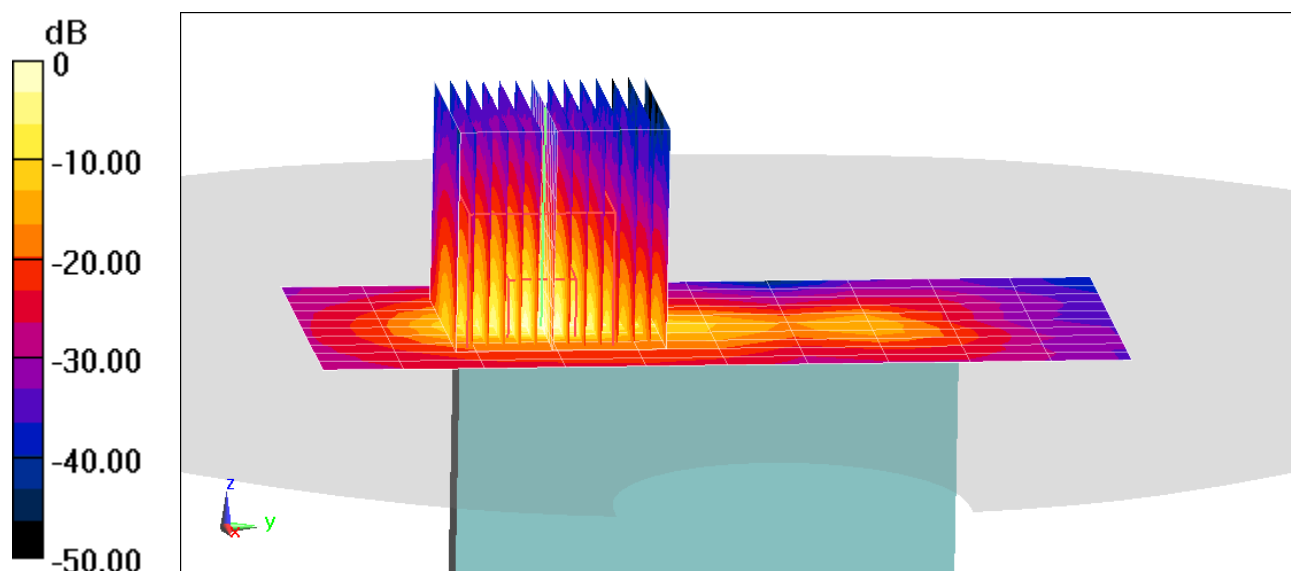
Area Scan (11x11x1): Measurement grid: dx=5mm, dy=12mm

Zoom Scan (14x14x8)/Cube 0: Measurement grid: dx=2.4mm, dy=2.4mm, dz=1.4mm; Graded Ratio: 1.4

Reference Value = 46.00 V/m; Power Drift = -0.17 dB

Peak SAR (extrapolated) = 41.1 W/kg

SAR(10 g) = 1.81 W/kg



0 dB = 22.7 W/kg = 13.56 dBW/kg

PCTEST

DUT: A3LSMA426U; Type: Portable Handset; Serial: 02014

Communication System: UID 0, IEEE 802.11n; Frequency: 5270 MHz; Duty Cycle: 1:1

Medium: 5200-5800 Body Medium parameters used:

$f = 5270 \text{ MHz}$; $\sigma = 5.506 \text{ S/m}$; $\epsilon_r = 47.43$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section; Space: 0.0 cm

Test Date: 02/09/2021; Ambient Temp: 23.5°C; Tissue Temp: 24.5°C

Probe: EX3DV4 - SN7406; ConvF(5.05, 5.05, 5.05) @ 5270 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: IEEE 802.11n, U-NII-2A, 40 MHz Bandwidth,
Phablet SAR, Ch 54, 13.5 Mbps, Back Side**

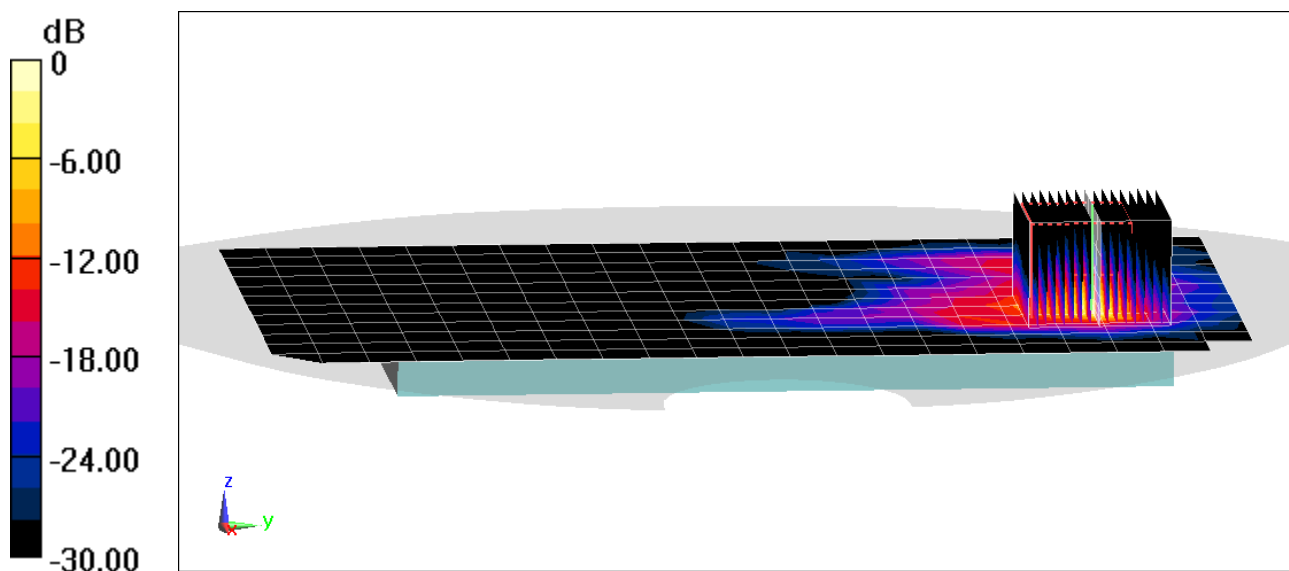
Area Scan (13x22x1): Measurement grid: dx=10mm, dy=10mm

Zoom Scan (19x17x7)/Cube 0: Measurement grid: dx=1.9mm, dy=1.9mm, dz=1.4mm; Graded Ratio: 1.4

Reference Value = 3.892 V/m; Power Drift = 0.07

Peak SAR (extrapolated) = 27.2 W/kg

SAR(10 g) = 0.843 W/kg



0 dB = 14.5 W/kg = 11.61 dBW/kg