

APPENDIX A: SAR TEST DATA

PCTEST

DUT: A3LSMA528B; Type: Portable Handset; Serial: 28261

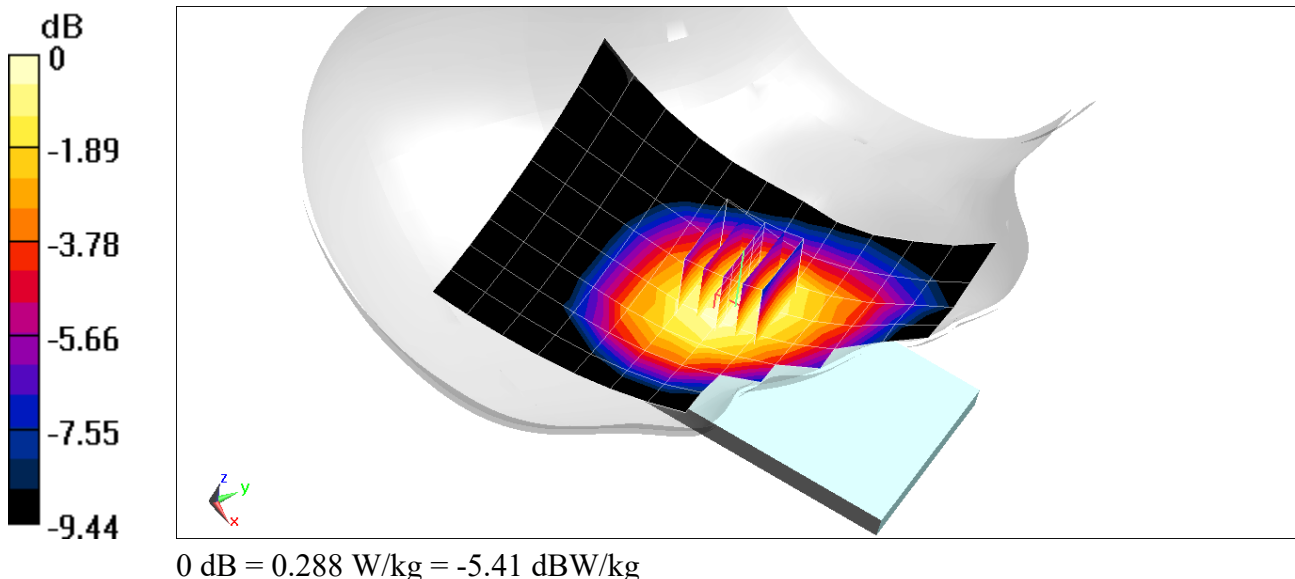
Communication System: UID 0, GSM; Frequency: 848.8 MHz; Duty Cycle: 1:8.3
Medium: 835 Head; Medium parameters used (interpolated):
 $f = 848.8 \text{ MHz}$; $\sigma = 0.937 \text{ S/m}$; $\epsilon_r = 42.17$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Right Section

Test Date: 07/07/2021; Ambient Temp: 21.6°C; Tissue Temp: 20.8°C

Probe: EX3DV4 - SN7551; ConvF(9.96, 9.96, 9.96) @ 848.8 MHz; Calibrated: 10/20/2020
Sensor-Surface: 1.4mm (Mechanical Surface Detection)
Electronics: DAE4 Sn1333; Calibrated: 10/16/2020
Phantom: Right Back Twin-SAM V5.0 (30); Type: QD 000 P40 CD; Serial: 1692
Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

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

Area Scan (9x13x1): Measurement grid: dx=15mm, dy=15mm
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 16.23 V/m; Power Drift = 0.06 dB
Peak SAR (extrapolated) = 0.312 W/kg
SAR(1 g) = 0.240 W/kg



PCTEST

DUT: A3LSMA528B; Type: Portable Handset; Serial: 25440

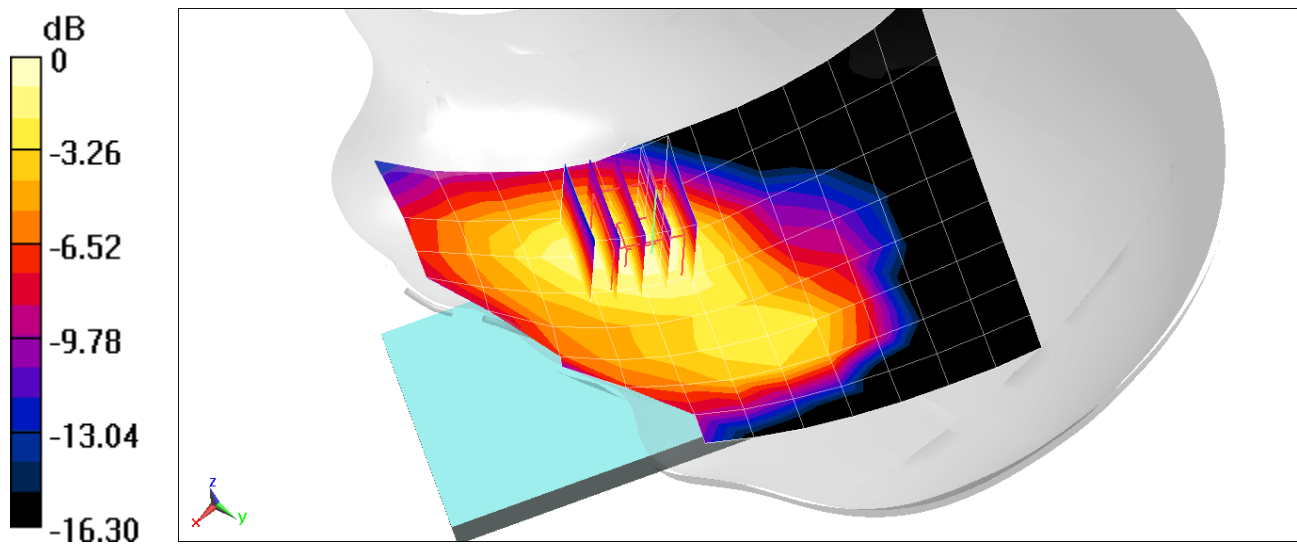
Communication System: UID 0, GSM; Frequency: 1850.2 MHz; Duty Cycle: 1:8.3
Medium: 1900 Head; Medium parameters used (interpolated):
 $f = 1850.2$ MHz; $\sigma = 1.395$ S/m; $\epsilon_r = 39.673$; $\rho = 1000$ kg/m³
Phantom section: Left Section

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

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

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

Area Scan (9x15x1): Measurement grid: dx=15mm, dy=15mm
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 7.403 V/m; Power Drift = 0.15 dB
Peak SAR (extrapolated) = 0.116 W/kg
SAR(1 g) = 0.073 W/kg



0 dB = 0.0973 W/kg = -10.12 dBW/kg

PCTEST

DUT: A3LSMA528B; Type: Portable Handset; Serial: 28261

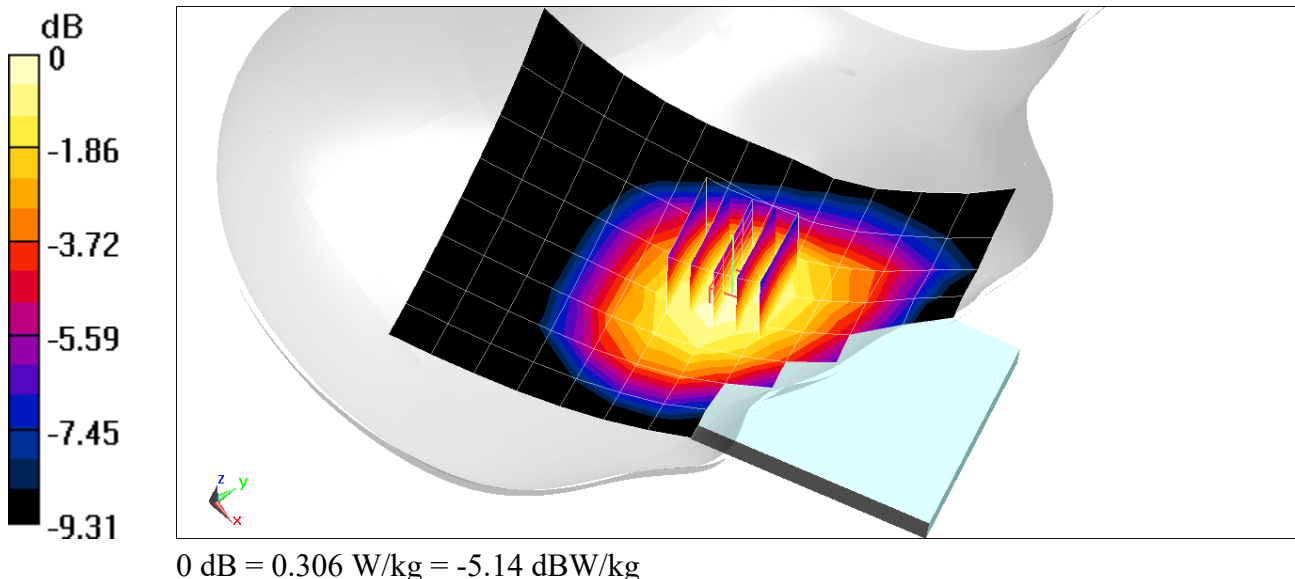
Communication System: UID 0, UMTS; Frequency: 826.4 MHz; Duty Cycle: 1:1
Medium: 835 Head; Medium parameters used (interpolated):
 $f = 826.4$ MHz; $\sigma = 0.914$ S/m; $\epsilon_r = 42.45$; $\rho = 1000$ kg/m³
Phantom section: Right Section

Test Date: 07/07/2021; Ambient Temp: 21.6°C; Tissue Temp: 20.8°C

Probe: EX3DV4 - SN7551; ConvF(9.96, 9.96, 9.96) @ 826.4 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: UMTS 850, Right Head, Cheek, Low.ch

Area Scan (9x13x1): Measurement grid: dx=15mm, dy=15mm
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 17.08 V/m; Power Drift = -0.03 dB
Peak SAR (extrapolated) = 0.330 W/kg
SAR(1 g) = 0.257 W/kg



PCTEST

DUT: A3LSMA528B; Type: Portable Handset; Serial: 30747

Communication System: UID 0, UMTS; Frequency: 1712.4 MHz; Duty Cycle: 1:1
Medium: 1750 Head; Medium parameters used (interpolated):
 $f = 1712.4$ MHz; $\sigma = 1.372$ S/m; $\epsilon_r = 39.234$; $\rho = 1000$ kg/m³
Phantom section: Left Section

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

Probe: EX3DV4 - SN7308; ConvF(8.55, 8.55, 8.55) @ 1712.4 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 1750, Left Head, Cheek, Low.ch

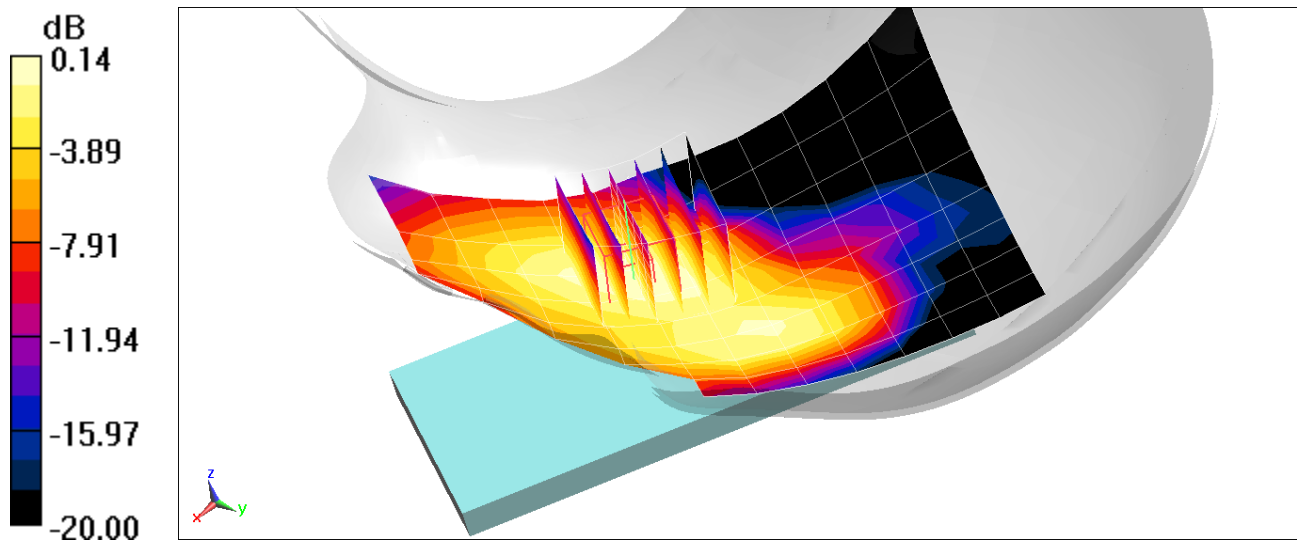
Area Scan (9x15x1): Measurement grid: dx=15mm, dy=15mm

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

Reference Value = 8.929 V/m; Power Drift = 0.19 dB

Peak SAR (extrapolated) = 0.169 W/kg

SAR(1 g) = 0.105 W/kg



0 dB = 0.143 W/kg = -8.45 dBW/kg

PCTEST

DUT: A3LSMA528B; Type: Portable Handset; Serial: 25440

Communication System: UID 0, UMTS; Frequency: 1852.4 MHz; Duty Cycle: 1:1
Medium: 1900 Head; Medium parameters used (interpolated):
 $f = 1852.4 \text{ MHz}$; $\sigma = 1.397 \text{ S/m}$; $\epsilon_r = 39.663$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Left Section

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

Probe: EX3DV4 - SN7551; ConvF(8.12, 8.12, 8.12) @ 1852.4 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: UMTS 1900, Left Head, Cheek, Low.ch

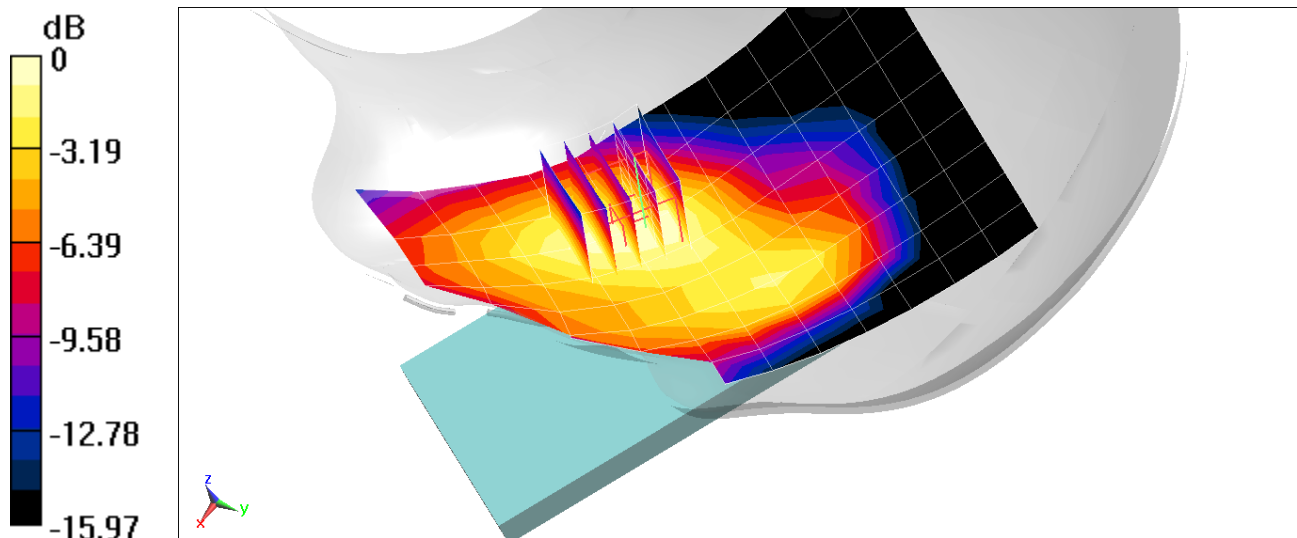
Area Scan (9x15x1): Measurement grid: dx=15mm, dy=15mm

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

Reference Value = 10.52 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 0.230 W/kg

SAR(1 g) = 0.147 W/kg



0 dB = 0.198 W/kg = -7.03 dBW/kg

PCTEST

DUT: A3LSMA528B; Type: Portable Handset; Serial: 26133

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; $\sigma = 0.877$ S/m; $\epsilon_r = 41.38$; $\rho = 1000$ kg/m³
Phantom section: Right Section

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

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

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

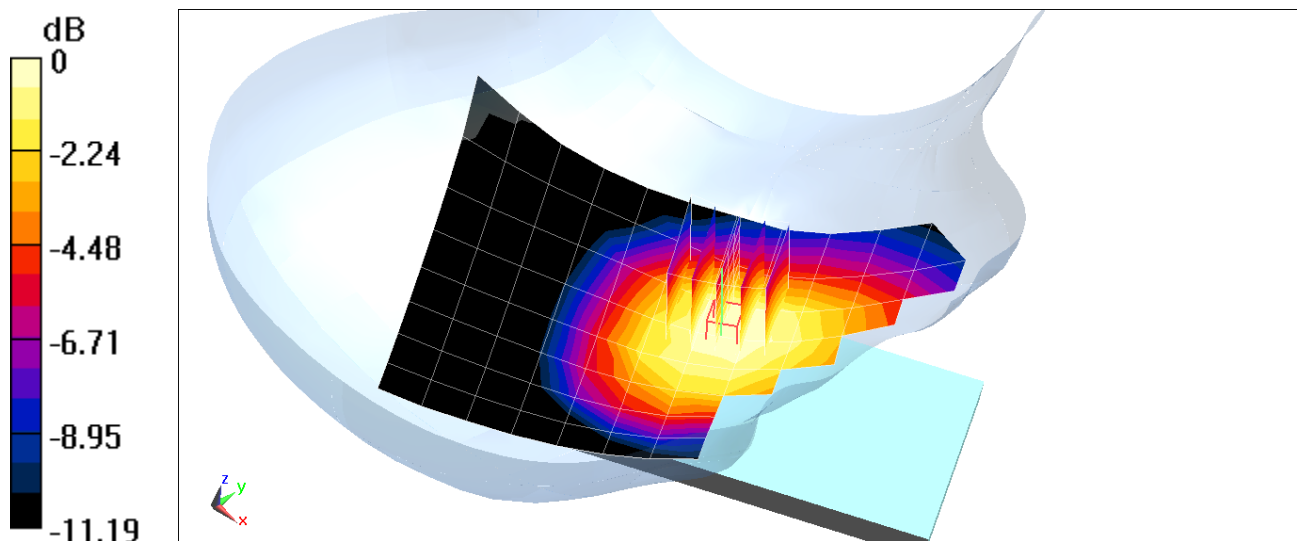
Area Scan (9x13x1): Measurement grid: dx=15mm, dy=15mm

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

Reference Value = 17.76 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 0.326 W/kg

SAR(1 g) = 0.252 W/kg



0 dB = 0.299 W/kg = -5.24 dBW/kg

PCTEST

DUT: A3LSMA528B; Type: Portable Handset; Serial: 28261

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; $\sigma = 0.919$ S/m; $\epsilon_r = 42.388$; $\rho = 1000$ kg/m³
Phantom section: Right Section

Test Date: 07/07/2021; Ambient Temp: 21.6°C; Tissue Temp: 20.8°C

Probe: EX3DV4 - SN7551; ConvF(9.96, 9.96, 9.96) @ 831.5 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 26 (Cell.), Right Head, Cheek, Mid.ch,
15 MHz Bandwidth, QPSK, 1 RB, 0 RB Offset**

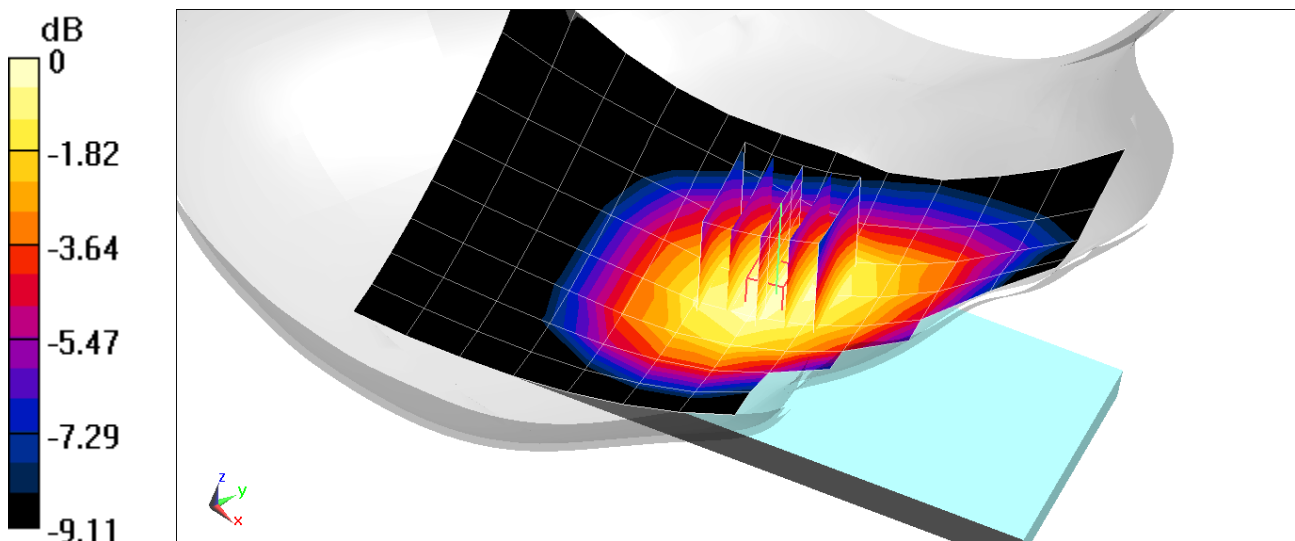
Area Scan (9x13x1): Measurement grid: dx=15mm, dy=15mm

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

Reference Value = 15.54 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 0.264 W/kg

SAR(1 g) = 0.205 W/kg



0 dB = 0.244 W/kg = -6.13 dBW/kg

PCTEST

DUT: A3LSMA528B; Type: Portable Handset; S/N: 30747

Communication System: UID:10169-CAE, LTE-FDD; MAIA: Y; Frequency: 1720.0 MHz
Medium: 1750 Head; Medium parameters used:
f = 1720.0 MHz; cond = 1.33 S/m; perm = 38.5; density = 1000 kg/m³
Phantom Section: Left Head

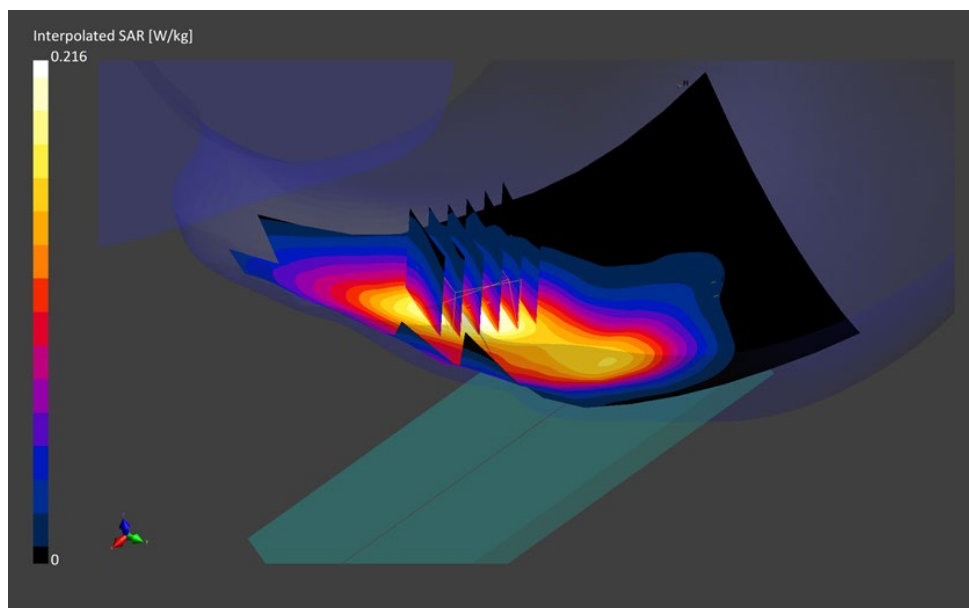
Test Date: 07/18/2021; Ambient Temp: 21.3°C; Tissue Temp: 21.6°C

Probe: EX3DV4 - SN7526; ConvF:(7.82,7.82,7.82); Calibrated: 2021-03-16
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1272; Calibrated: 2021-03-18
Phantom: Twin-SAM V5.0 (left); Serial: 1758
Measurement SW: cDASY6 Module SAR V6.14.0.959

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

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

Zoom Scan (30.0 x 30.0 x 30.0): Measurement grid: dx=6.0mm, dy=6.0mm, dz=1.5mm; Graded Ratio: 1.5
Reference Value = 0.16 W/Kg; Power Drift = -0.18 dB
Peak SAR (extrapolated) = 0.216 W/kg
SAR(1 g) = 0.144 W/kg



PCTEST

DUT: A3LSMA528B; Type: Portable Handset; Serial: 25440

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

Medium: 1900 Head; Medium parameters used:

$f = 1860$ MHz; $\sigma = 1.405$ S/m; $\epsilon_r = 39.628$; $\rho = 1000$ kg/m³

Phantom section: Left Section

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

Probe: EX3DV4 - SN7551; ConvF(8.12, 8.12, 8.12) @ 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 2 (PCS), Left Head, Cheek, Low.ch,
20 MHz Bandwidth, QPSK, 1 RB, 0RB Offset**

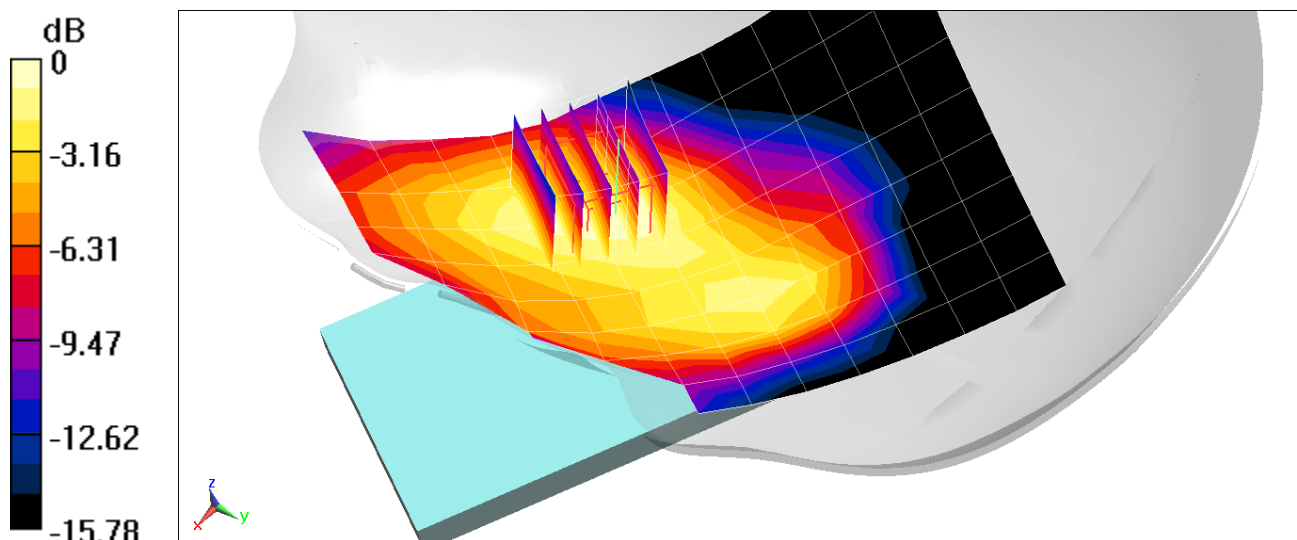
Area Scan (9x15x1): Measurement grid: dx=15mm, dy=15mm

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

Reference Value = 10.57 V/m; Power Drift = 0.13 dB

Peak SAR (extrapolated) = 0.212 W/kg

SAR(1 g) = 0.137 W/kg



0 dB = 0.180 W/kg = -7.45 dBW/kg

PCTEST

DUT: A3LSMA528B; Type: Portable Handset; Serial: 26349

Communication System: UID 0, LTE Band 41 (Class 3); Frequency: 2593 MHz; Duty Cycle: 1:1.58
Medium: 2450 Head; Medium parameters used (interpolated):
 $f = 2593 \text{ MHz}$; $\sigma = 1.929 \text{ S/m}$; $\epsilon_r = 37.122$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Left Section

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

Probe: EX3DV4 - SN7571; ConvF(7.05, 7.05, 7.05) @ 2593 MHz; Calibrated: 12/11/2020
Sensor-Surface: 1.4mm (Mechanical Surface Detection)
Electronics: DAE4 Sn1533; Calibrated: 12/7/2020
Phantom: SAM 5.0 front; Type: QD000P40CD; Serial: 1648
Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

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

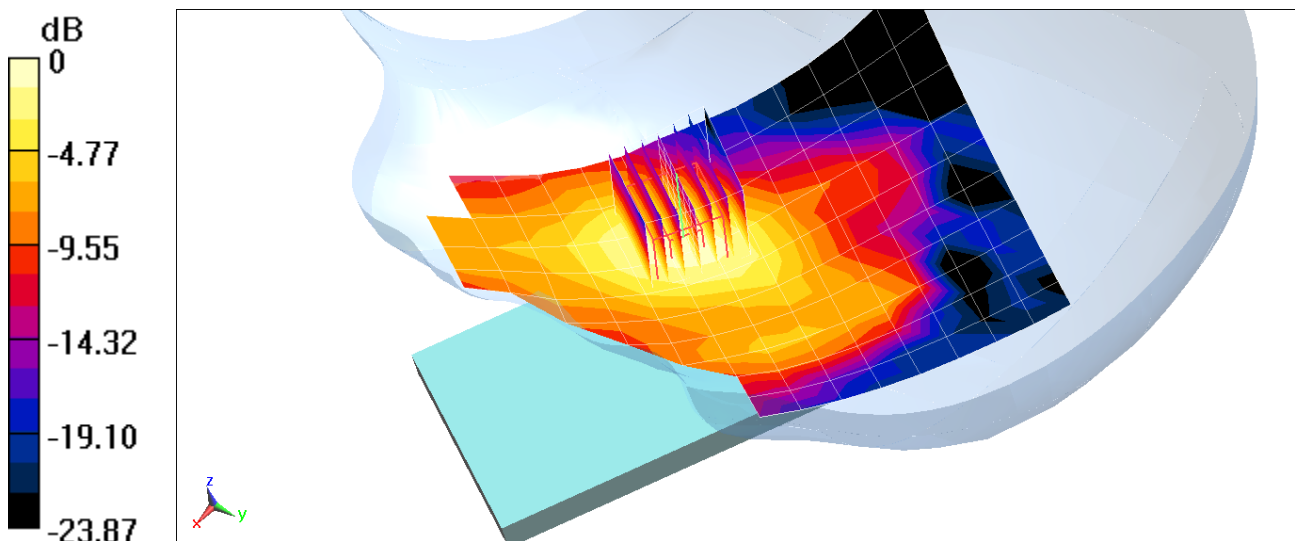
Area Scan (11x17x1): Measurement grid: dx=12mm, dy=12mm

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

Reference Value = 11.26 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 0.348 W/kg

SAR(1 g) = 0.193 W/kg



0 dB = 0.289 W/kg = -5.39 dBW/kg

PCTEST

DUT: A3LSMA528B; Type: Portable Handset; Serial: 30598

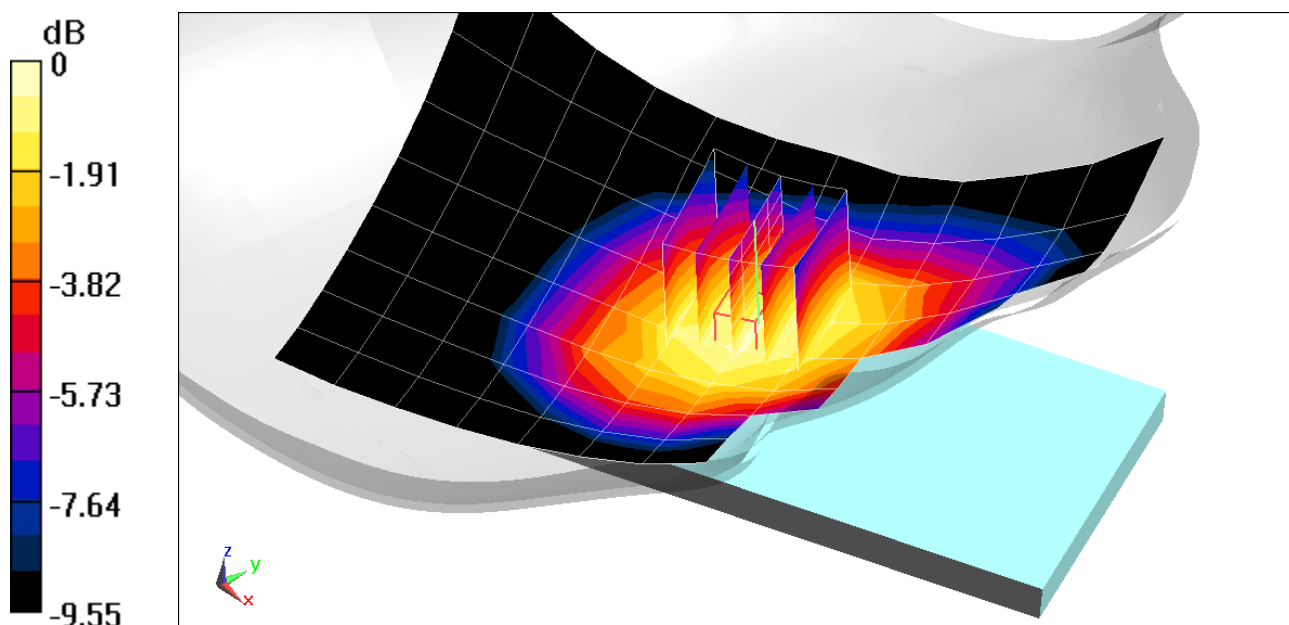
Communication System: UID 0, NR Band n5; Frequency: 836.5 MHz; Duty Cycle: 1:1
Medium: 835 Head; Medium parameters used (interpolated):
 $f = 836.5 \text{ MHz}$; $\sigma = 0.884 \text{ S/m}$; $\epsilon_r = 40.328$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Right Section

Test Date: 07/18/2021; Ambient Temp: 23.9°C; Tissue Temp: 22.3°C

Probe: EX3DV4 - SN3589; ConvF(8.57, 8.57, 8.57) @ 836.5 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: NR Band n5, Right Head, Cheek, 20 MHz Bandwidth,
DFT-s-OFDM QPSK, Ch. 167300, 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 = 17.96 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 0.347 W/kg
SAR(1 g) = 0.265 W/kg



0 dB = 0.318 W/kg = -4.98 dBW/kg

PCTEST

DUT: A3LSMA528B; Type: Portable Handset; S/N: 30747

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

Medium: 1750 Head; Medium parameters used:

f = 1720.0 MHz; cond = 1.33 S/m; perm = 38.5; density = 1000 kg/m³

Phantom Section: Left Head

Test Date: 07/18/2021; Ambient Temp: 21.3°C; Tissue Temp: 21.6°C

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

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

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

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

Measurement SW: cDASY6 Module SAR V6.14.0.959

**Mode: NR Band n66, Left Head, Cheek, 20 MHz Bandwidth,
Ch. 344000, DFT-s-OFDM QPSK, 1 RB, 104 RB Offset**

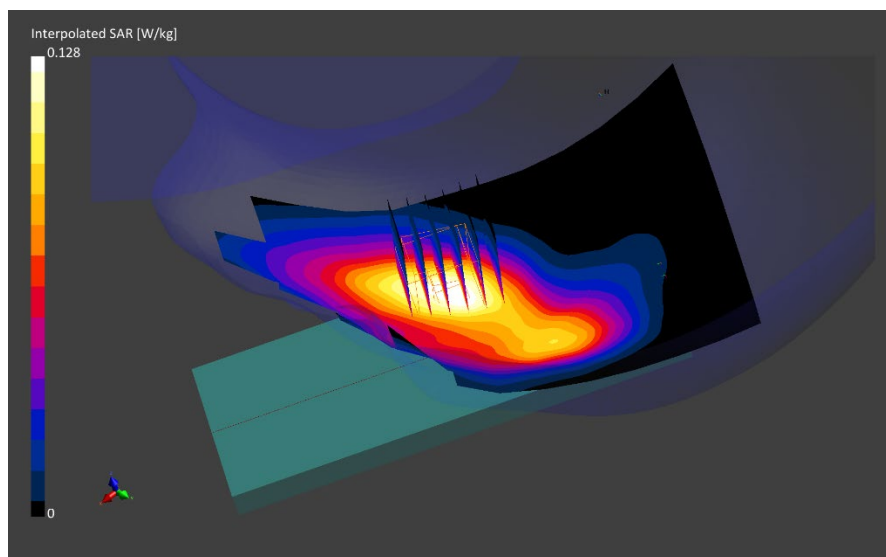
Area Scan (120.0 x 210.0): Measurement grid: dx=15.0mm, dy=15.0mm

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

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

Peak SAR (extrapolated) = 0.128 W/kg

SAR(1 g) = 0.083 W/kg



PCTEST

DUT: A3LSMA528B; Type: Portable Handset; Serial: 25580

Communication System: UID 0, 802.11b; Frequency: 2412 MHz; Duty Cycle: 1:1
Medium: 2450 Head; Medium parameters used (interpolated):
 $f = 2412 \text{ MHz}$; $\sigma = 1.793 \text{ S/m}$; $\epsilon_r = 37.35$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Right Section

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

Probe: EX3DV4 - SN7571; ConvF(7.28, 7.28, 7.28) @ 2412 MHz; Calibrated: 12/11/2020
Sensor-Surface: 1.4mm (Mechanical Surface Detection)
Electronics: DAE4 Sn1533; Calibrated: 12/7/2020
Phantom: SAM 5.0 front; Type: QD000P40CD; Serial: 1648
Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

**Mode: IEEE 802.11b, 22 MHz Bandwidth,
Right Head, Cheek, Ch 1, 1 Mbps**

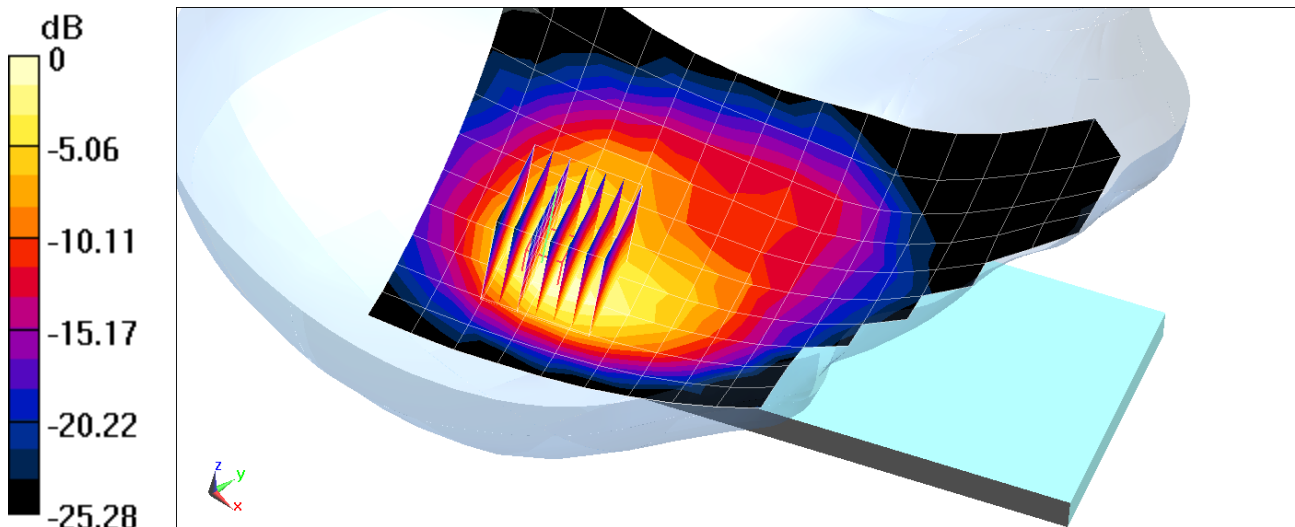
Area Scan (11x18x1): Measurement grid: dx=12mm, dy=12mm

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

Reference Value = 10.98 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 0.987 W/kg

SAR(1 g) = 0.450 W/kg



0 dB = 0.777 W/kg = -1.10 dBW/kg

PCTEST

DUT: A3LSMA528B; Type: Portable Handset; Serial: 25580

Communication System: UID:10117-AAC, WLAN; MAIA: Y; Frequency: 5270.0 MHz
Medium: 5200-5800 Head; Medium parameters used:
f = 5270.0 MHz; cond = 4.58 S/m; perm = 34.5; density = 1000 kg/m³
Phantom Section: Right Head

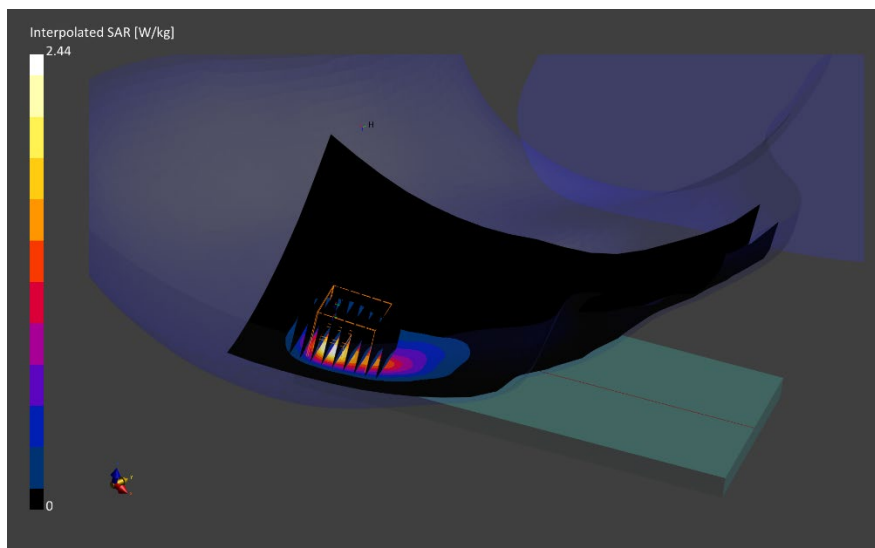
Test Date: 07/09/2021; Ambient Temp: 23.5°C; Tissue Temp: 21.0°C

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

**Mode: IEEE 802.11n, U-NII-2A, 40 MHz Bandwidth,
Right Head, Cheek, Ch. 54, 13.5 Mbps**

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

Zoom Scan (22.0 x 22.0 x 22.0): Measurement grid: dx=4.0mm, dy=4.0mm, dz=1.4mm; Graded Ratio: 1.4
Reference Value = 0.70 W/kg; Power Drift = -0.02 dB
Peak SAR (extrapolated) = 0.807 W/kg
SAR(1 g) = 0.575 W/kg



PCTEST

DUT: A3LSMA528B; Type: Portable Handset; Serial: 27099

Communication System: UID 0, Bluetooth; Frequency: 2441 MHz; Duty Cycle: 1:1.302
Medium: 2450 Head; Medium parameters used (interpolated):
 $f = 2441$ MHz; $\sigma = 1.84$ S/m; $\epsilon_r = 38.335$; $\rho = 1000$ kg/m³
Phantom section: Right Section

Test Date: 07/16/2021; Ambient Temp: 24.7°C; Tissue Temp: 23.7°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: SAM 5.0 front; Type: QD000P40CD; Serial: 1648
Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

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

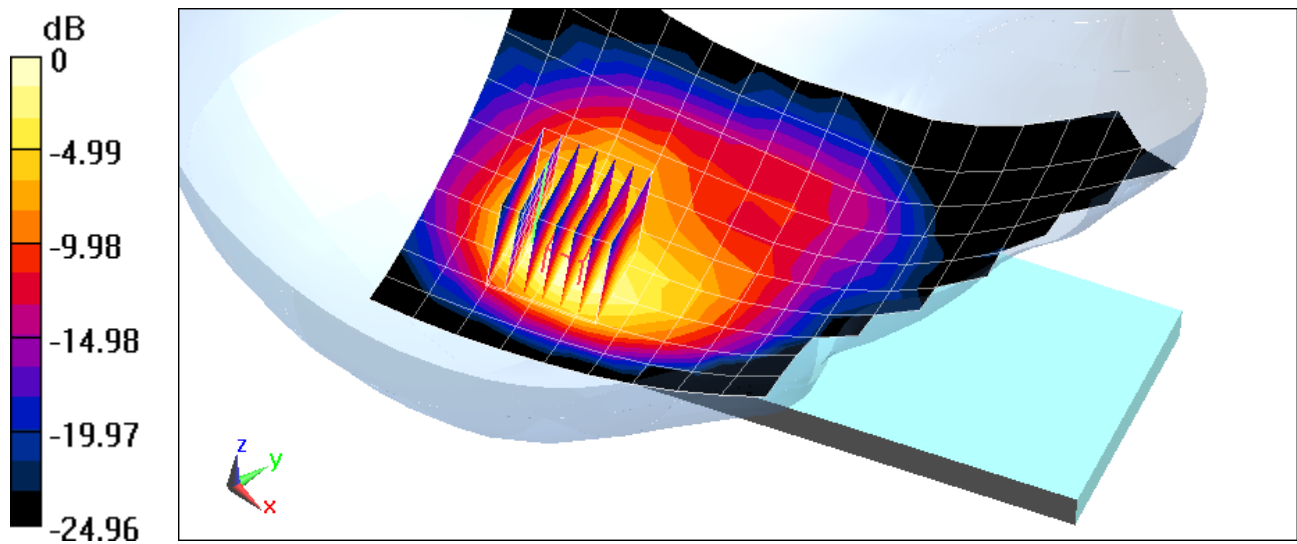
Area Scan (11x19x1): Measurement grid: dx=12mm, dy=12mm

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

Reference Value = 13.76 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.732 W/kg

SAR(1 g) = 0.314 W/kg



0 dB = 0.548 W/kg = -2.61 dBW/kg

PCTEST

DUT: A3LSMA528B; Type: Portable Handset; Serial: 29202

Communication System: UID 0, GSM; Frequency: 848.8 MHz; Duty Cycle: 1:8.3
Medium: 835 Body; Medium parameters used (interpolated):
 $f = 848.8$ MHz; $\sigma = 0.953$ S/m; $\epsilon_r = 52.446$; $\rho = 1000$ kg/m³
Phantom section: Flat Section; Space: 1.5 cm

Test Date: 07/06/2021; Ambient Temp: 24.4°C; Tissue Temp: 22.7°C

Probe: EX3DV4 - SN7409; ConvF(9.66, 9.66, 9.66) @ 848.8 MHz; Calibrated: 6/21/2021
Sensor-Surface: 1.4mm (Mechanical Surface Detection)
Electronics: DAE4 Sn1334; Calibrated: 6/15/2021
Phantom: Twin-SAM V5.0 Left 20; Type: QD 000 P40 CD; Serial: 1715
Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

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

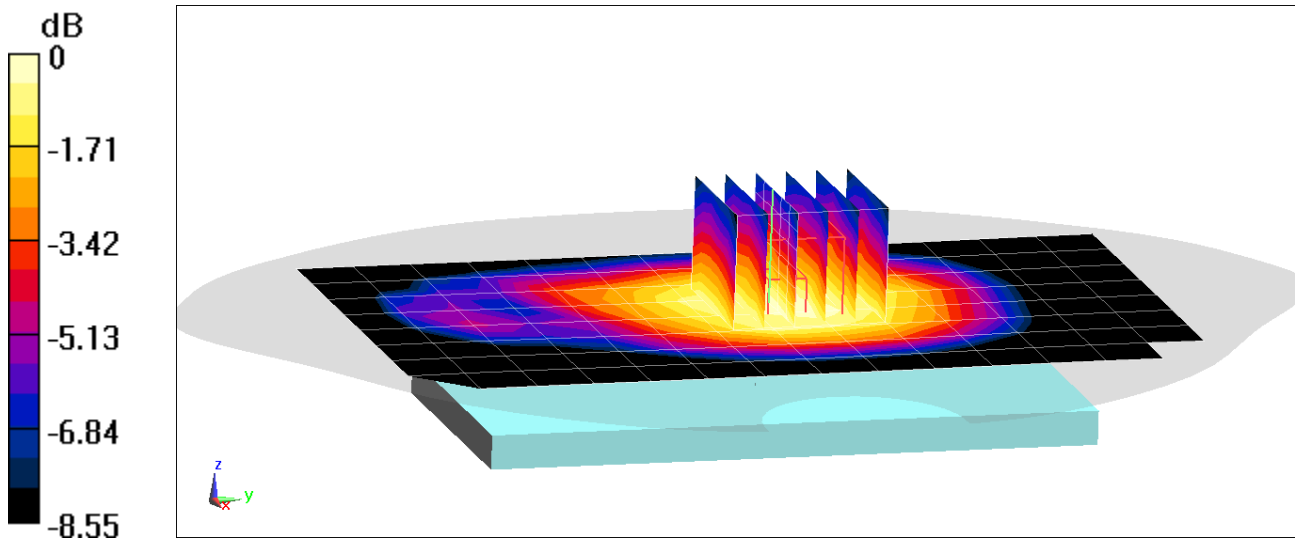
Area Scan (9x15x1): Measurement grid: dx=15mm, dy=15mm

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

Reference Value = 14.49 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 0.282 W/kg

SAR(1 g) = 0.209 W/kg



0 dB = 0.256 W/kg = -5.92 dBW/kg

PCTEST

DUT: A3LSMA528B; Type: Portable Handset; Serial: 29202

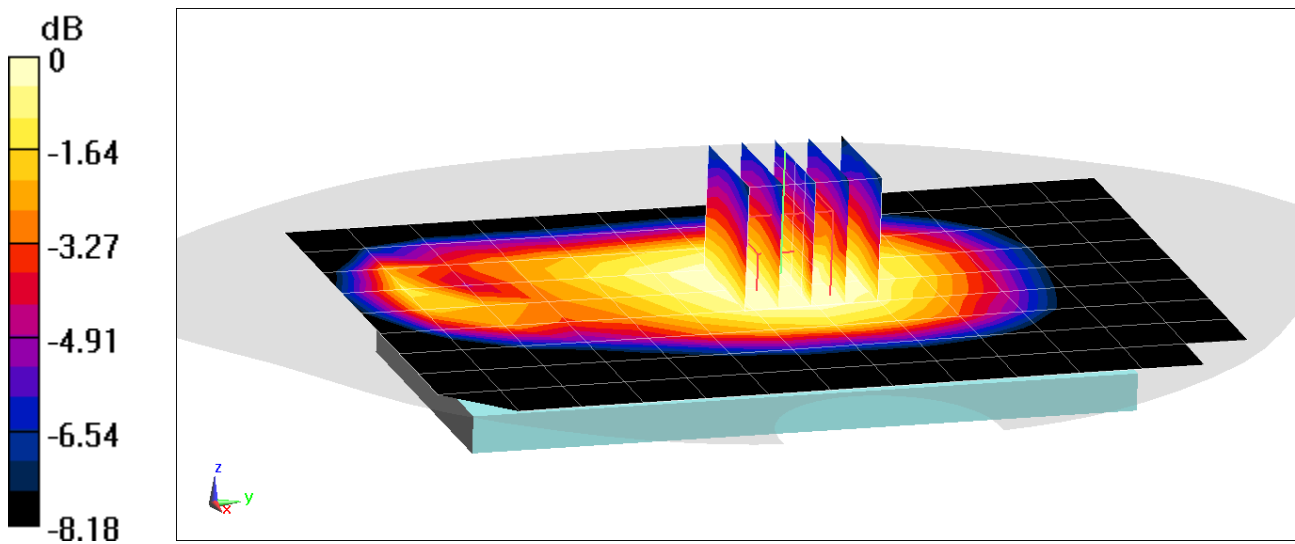
Communication System: UID 0, GSM GPRS; 3 Tx slots; Frequency: 836.6 MHz; Duty Cycle: 1:2.76
Medium: 835 Body; Medium parameters used (interpolated):
 $f = 836.6$ MHz; $\sigma = 0.94$ S/m; $\epsilon_r = 52.559$; $\rho = 1000$ kg/m³
Phantom section: Flat Section; Space: 1.0 cm

Test Date: 07/06/2021; Ambient Temp: 24.4°C; Tissue Temp: 22.7°C

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

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

Area Scan (10x14x1): Measurement grid: dx=15mm, dy=15mm
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 18.65 V/m; Power Drift = -0.14 dB
Peak SAR (extrapolated) = 0.411 W/kg
SAR(1 g) = 0.313 W/kg



0 dB = 0.375 W/kg = -4.26 dBW/kg

PCTEST

DUT: A3LSMA528B; Type: Portable Handset; Serial: 26349

Communication System: UID 0, GSM; Frequency: 1850.2 MHz; Duty Cycle: 1:8.3
Medium: 1900 Body; Medium parameters used (interpolated):
 $f = 1850.2$ MHz; $\sigma = 1.506$ S/m; $\epsilon_r = 51.849$; $\rho = 1000$ kg/m³
Phantom section: Flat Section; Space: 1.5 cm

Test Date: 07/07/2021; Ambient Temp: 23.7°C; Tissue Temp: 22.4°C

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

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

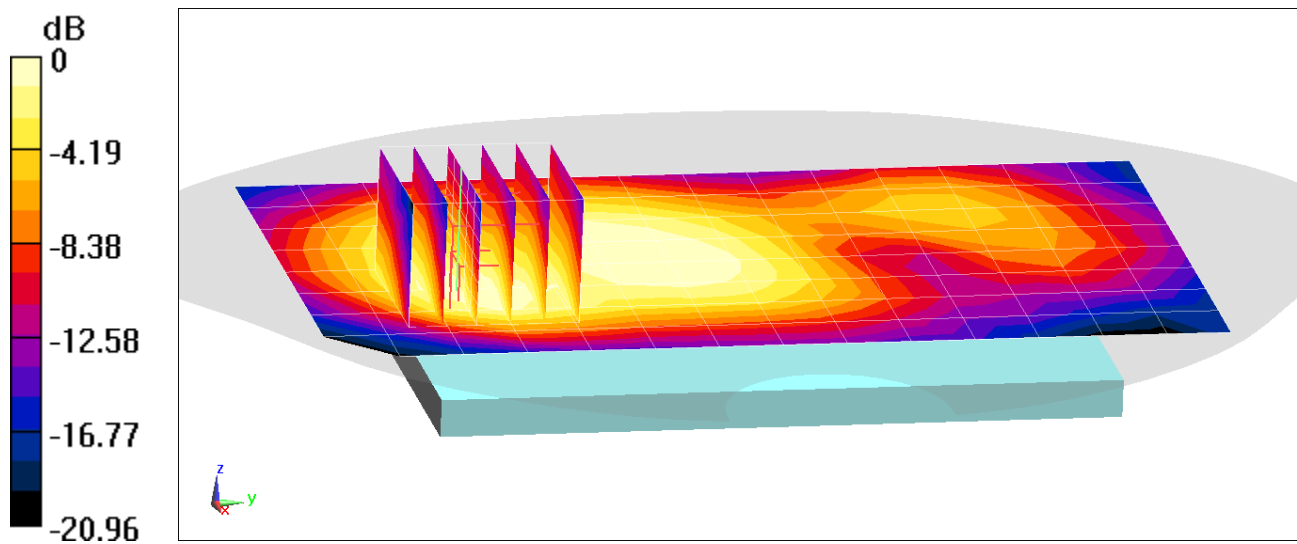
Area Scan (9x15x1): Measurement grid: dx=15mm, dy=15mm

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

Reference Value = 7.204 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 0.131 W/kg

SAR(1 g) = 0.077 W/kg



0 dB = 0.107 W/kg = -9.71 dBW/kg

PCTEST

DUT: A3LSMA528B; Type: Portable Handset; Serial: 26349

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

Medium: 1900 Body; Medium parameters used:

$f = 1910 \text{ MHz}$; $\sigma = 1.574 \text{ S/m}$; $\epsilon_r = 51.65$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section; Space: 1.0 cm

Test Date: 07/07/2021; Ambient Temp: 23.7°C; Tissue Temp: 22.4°C

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

Sensor-Surface: 1.4mm (Mechanical Surface Detection)

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

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

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

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

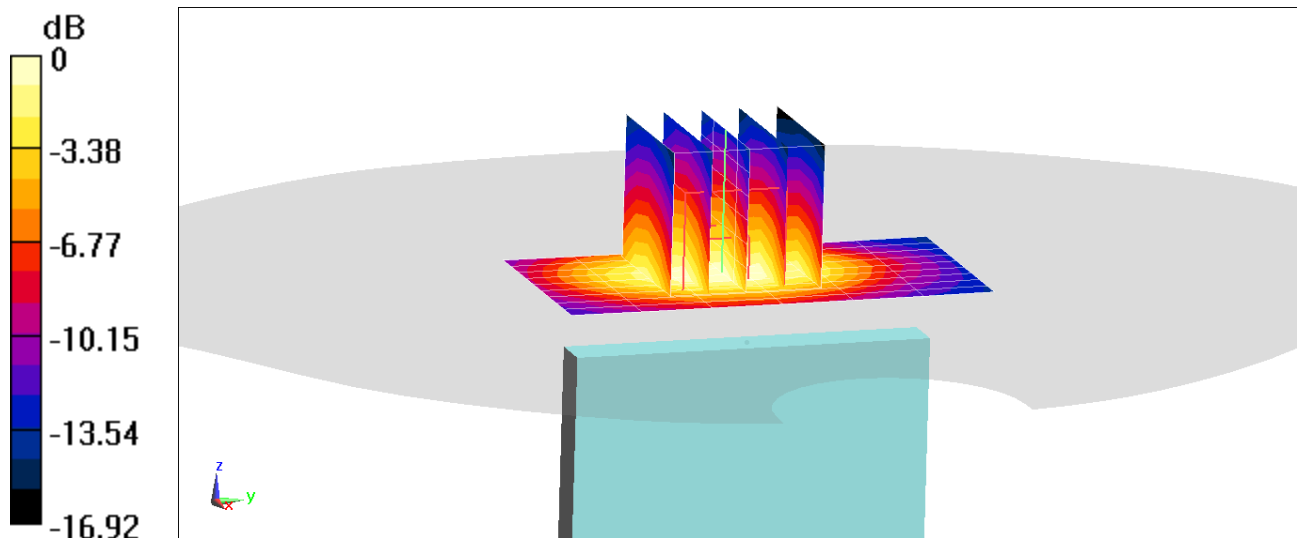
Area Scan (10x7x1): Measurement grid: dx=5mm, dy=15mm

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

Reference Value = 13.25 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 0.455 W/kg

SAR(1 g) = 0.257 W/kg



0 dB = 0.379 W/kg = -4.21 dBW/kg

PCTEST

DUT: A3LSMA528B; Type: Portable Handset; Serial: 29202

Communication System: UID 0, UMTS; Frequency: 826.4 MHz; Duty Cycle: 1:1
Medium: 835 Body; Medium parameters used (interpolated):
 $f = 826.4$ MHz; $\sigma = 0.929$ S/m; $\epsilon_r = 52.654$; $\rho = 1000$ kg/m³
Phantom section: Flat Section; Space: 1.5 cm

Test Date: 07/06/2021; Ambient Temp: 24.4°C; Tissue Temp: 22.7°C

Probe: EX3DV4 - SN7409; ConvF(9.66, 9.66, 9.66) @ 826.4 MHz; Calibrated: 6/21/2021
Sensor-Surface: 1.4mm (Mechanical Surface Detection)
Electronics: DAE4 Sn1334; Calibrated: 6/15/2021
Phantom: Twin-SAM V5.0 Left 20; Type: QD 000 P40 CD; Serial: 1715
Measurement SW: DASYS2, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

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

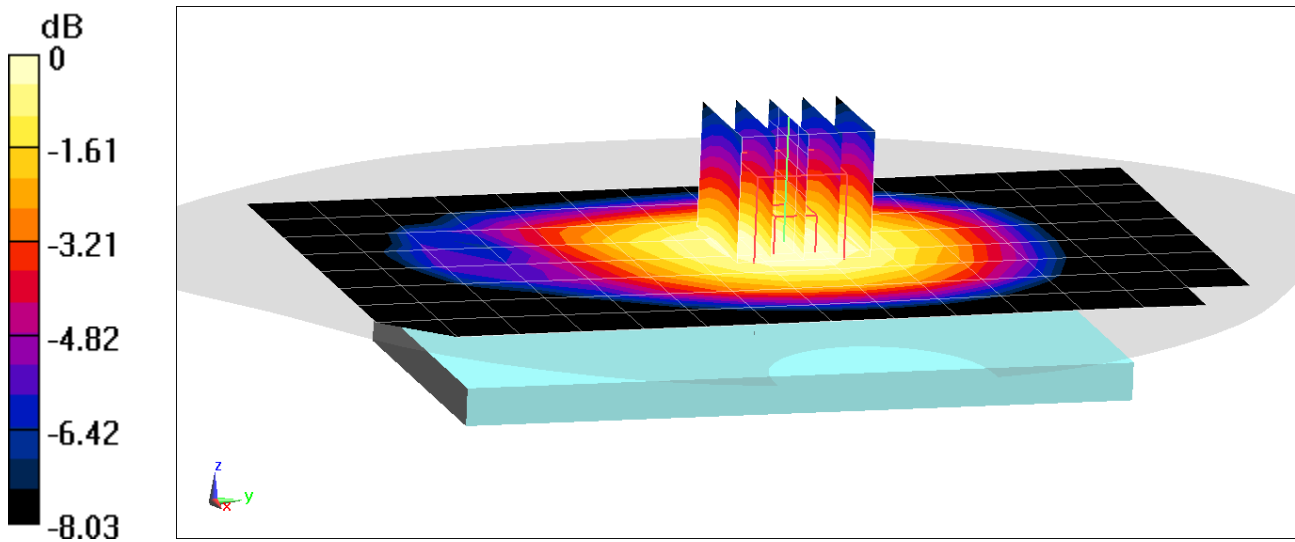
Area Scan (9x15x1): Measurement grid: dx=15mm, dy=15mm

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

Reference Value = 17.04 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.350 W/kg

SAR(1 g) = 0.265 W/kg



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

PCTEST

DUT: A3LSMA528B; Type: Portable Handset; Serial: 29202

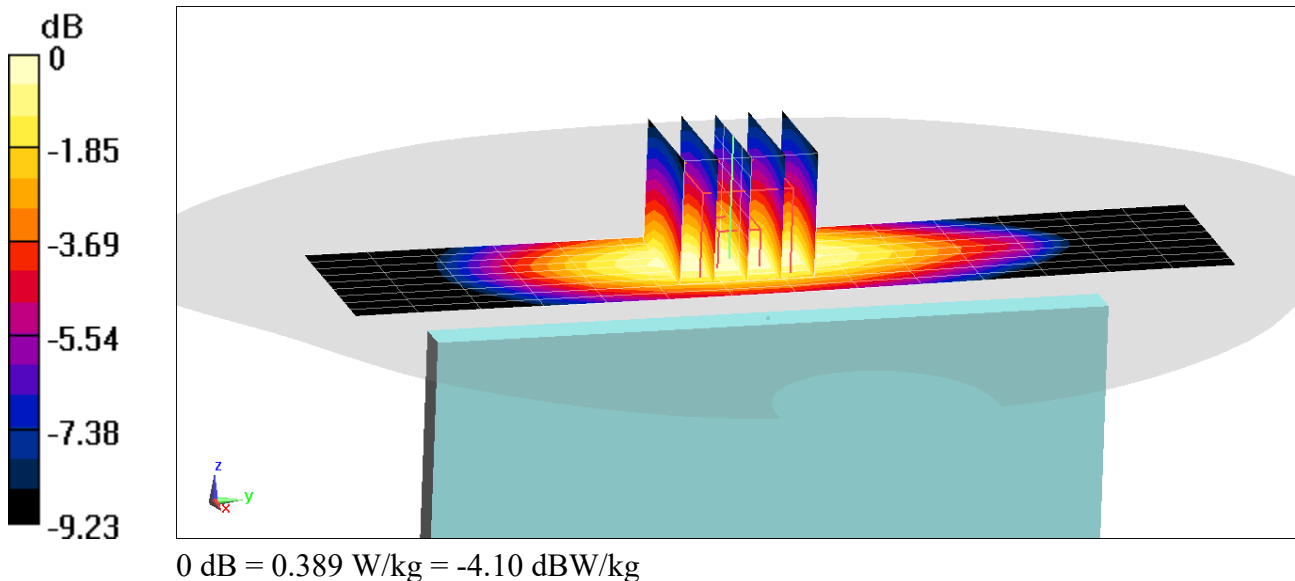
Communication System: UID 0, UMTS; Frequency: 826.4 MHz; Duty Cycle: 1:1
Medium: 835 Body; Medium parameters used (interpolated):
 $f = 826.4$ MHz; $\sigma = 0.929$ S/m; $\epsilon_r = 52.654$; $\rho = 1000$ kg/m³
Phantom section: Flat Section; Space: 1.0 cm

Test Date: 07/06/2021; Ambient Temp: 24.4°C; Tissue Temp: 22.7°C

Probe: EX3DV4 - SN7409; ConvF(9.66, 9.66, 9.66) @ 826.4 MHz; Calibrated: 6/21/2021
Sensor-Surface: 1.4mm (Mechanical Surface Detection)
Electronics: DAE4 Sn1334; Calibrated: 6/15/2021
Phantom: Twin-SAM V5.0 Left 20; Type: QD 000 P40 CD; Serial: 1715
Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

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

Area Scan (10x15x1): Measurement grid: dx=5mm, dy=15mm
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 18.45 V/m; Power Drift = -0.02 dB
Peak SAR (extrapolated) = 0.437 W/kg
SAR(1 g) = 0.301 W/kg



PCTEST

DUT: A3LSMA528B; Type: Portable Handset; Serial: 26398

Communication System: UID 0, UMTS; Frequency: 1712.4 MHz; Duty Cycle: 1:1
Medium: 1750 Body; Medium parameters used (interpolated):
 $f = 1712.4$ MHz; $\sigma = 1.417$ S/m; $\epsilon_r = 52.321$; $\rho = 1000$ kg/m³
Phantom section: Flat Section; Space: 1.5 cm

Test Date: 07/13/2021; Ambient Temp: 24.1°C; Tissue Temp: 23.5°C

Probe: EX3DV4 - SN3589; ConvF(7, 7, 7) @ 1712.4 MHz; Calibrated: 1/20/2021
Sensor-Surface: 1.4mm (Mechanical Surface Detection)
Electronics: DAE4 Sn1558; Calibrated: 1/13/2021
Phantom: Twin-SAM V5.0 (30); Type: QD 000 P40 CD; Serial: 1646
Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

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

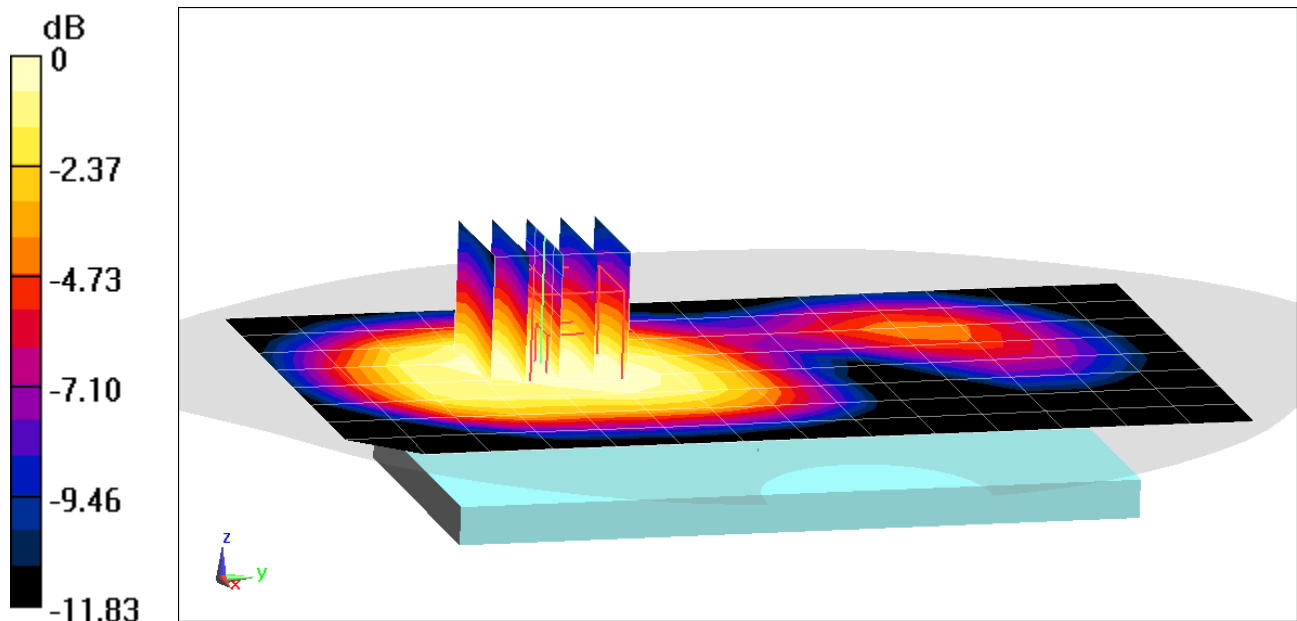
Area Scan (9x15x1): Measurement grid: dx=15mm, dy=15mm

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

Reference Value = 10.76 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 0.241 W/kg

SAR(1 g) = 0.158 W/kg



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

PCTEST

DUT: A3LSMA528B; Type: Portable Handset; Serial: 26398

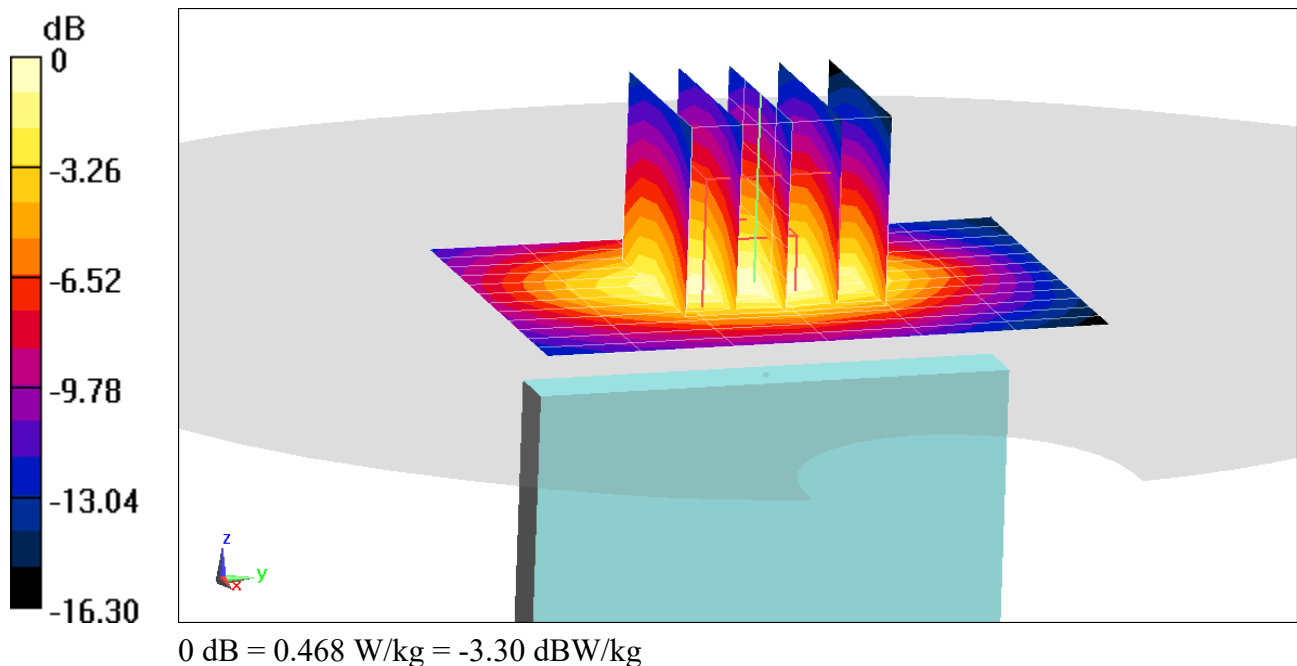
Communication System: UID 0, UMTS; Frequency: 1712.4 MHz; Duty Cycle: 1:1
Medium: 1750 Body; Medium parameters used (interpolated):
 $f = 1712.4$ MHz; $\sigma = 1.417$ S/m; $\epsilon_r = 52.321$; $\rho = 1000$ kg/m³
Phantom section: Flat Section; Space: 1.0 cm

Test Date: 07/13/2021; Ambient Temp: 24.1°C; Tissue Temp: 23.5°C

Probe: EX3DV4 - SN3589; ConvF(7, 7, 7) @ 1712.4 MHz; Calibrated: 1/20/2021
Sensor-Surface: 1.4mm (Mechanical Surface Detection)
Electronics: DAE4 Sn1558; Calibrated: 1/13/2021
Phantom: Twin-SAM V5.0 (30); Type: QD 000 P40 CD; Serial: 1646
Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

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

Area Scan (13x7x1): Measurement grid: dx=5mm, dy=15mm
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 15.75 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 0.553 W/kg
SAR(1 g) = 0.326 W/kg



PCTEST

DUT: A3LSMA528B; Type: Portable Handset; Serial: 26398

Communication System: UID 0, UMTS; Frequency: 1852.4 MHz; Duty Cycle: 1:1
Medium: 1900 Body; Medium parameters used (interpolated):
 $f = 1852.4$ MHz; $\sigma = 1.509$ S/m; $\epsilon_r = 51.842$; $\rho = 1000$ kg/m³
Phantom section: Flat Section; Space: 1.5 cm

Test Date: 07/07/2021; Ambient Temp: 23.7°C; Tissue Temp: 22.4°C

Probe: EX3DV4 - SN3589; ConvF(6.84, 6.84, 6.84) @ 1852.4 MHz; Calibrated: 1/20/2021
Sensor-Surface: 1.4mm (Mechanical Surface Detection)
Electronics: DAE4 Sn1558; Calibrated: 1/13/2021
Phantom: Twin-SAM V5.0 (30); Type: QD 000 P40 CD; Serial: 1646
Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

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

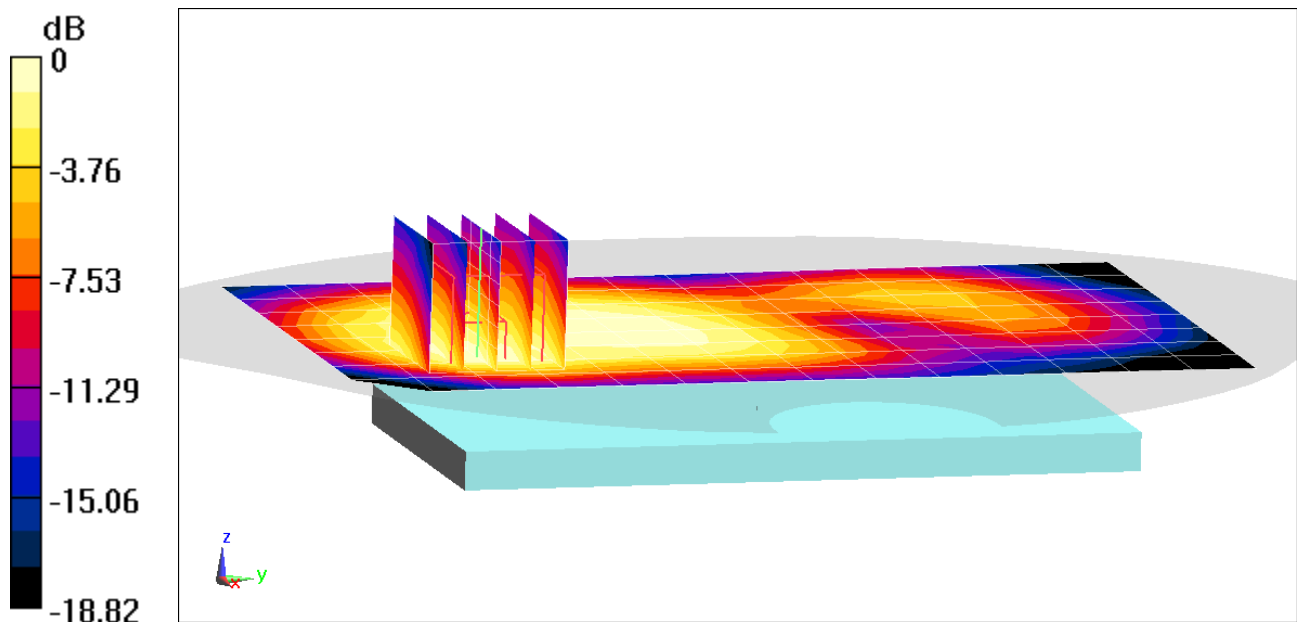
Area Scan (9x15x1): Measurement grid: dx=15mm, dy=15mm

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

Reference Value = 10.56 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 0.275 W/kg

SAR(1 g) = 0.161 W/kg



0 dB = 0.229 W/kg = -6.40 dBW/kg

PCTEST

DUT: A3LSMA528B; Type: Portable Handset; Serial: 26398

Communication System: UID 0, UMTS; Frequency: 1907.6 MHz; Duty Cycle: 1:1
Medium: 1900 Body; Medium parameters used (interpolated):
 $f = 1907.6$ MHz; $\sigma = 1.571$ S/m; $\epsilon_r = 51.659$; $\rho = 1000$ kg/m³
Phantom section: Flat Section; Space: 1.0 cm

Test Date: 07/07/2021; Ambient Temp: 23.7°C; Tissue Temp: 22.4°C

Probe: EX3DV4 - SN3589; ConvF(6.84, 6.84, 6.84) @ 1907.6 MHz; Calibrated: 1/20/2021
Sensor-Surface: 1.4mm (Mechanical Surface Detection)
Electronics: DAE4 Sn1558; Calibrated: 1/13/2021
Phantom: Twin-SAM V5.0 (30); Type: QD 000 P40 CD; Serial: 1646
Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

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

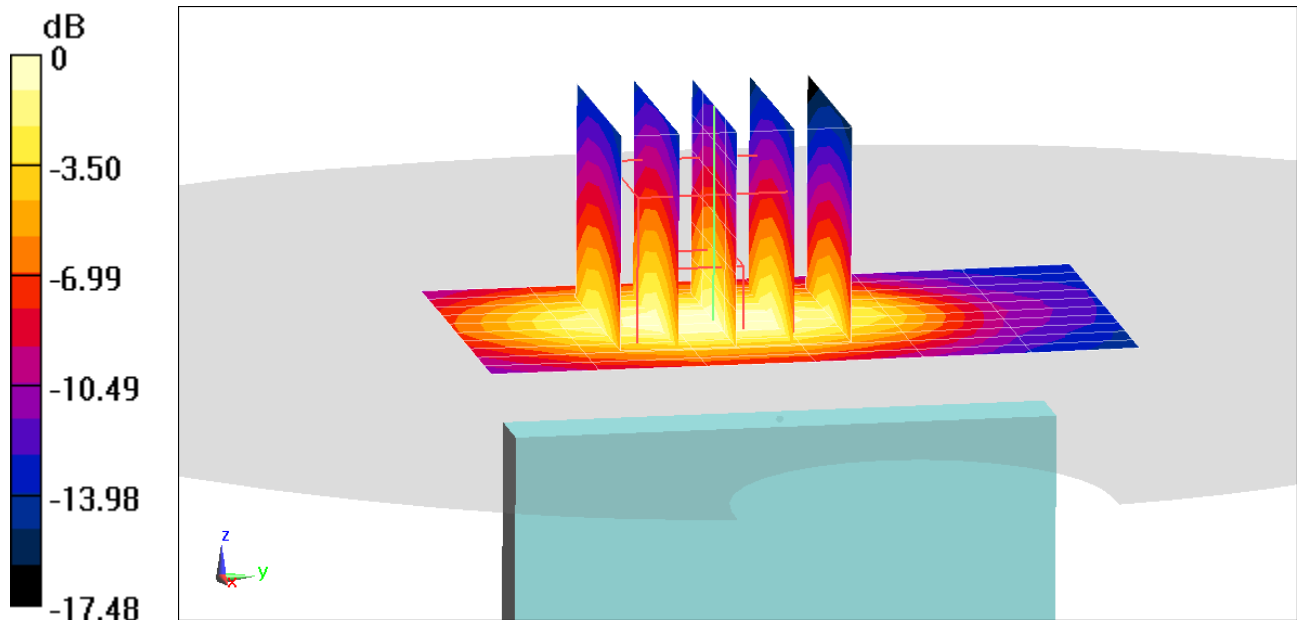
Area Scan (11x7x1): Measurement grid: dx=5mm, dy=15mm

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

Reference Value = 16.18 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 0.687 W/kg

SAR(1 g) = 0.384 W/kg



0 dB = 0.572 W/kg = -2.43 dBW/kg

PCTEST

DUT: A3LSMA528B; Type: Portable Handset; Serial: 26349

Communication System: UID 0, LTE Band 12; Frequency: 707.5 MHz; Duty Cycle: 1:1
Medium: 750 Body; Medium parameters used (interpolated):
 $f = 707.5 \text{ MHz}$; $\sigma = 0.975 \text{ S/m}$; $\epsilon_r = 54.155$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Flat Section; Space: 1.5 cm

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

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

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

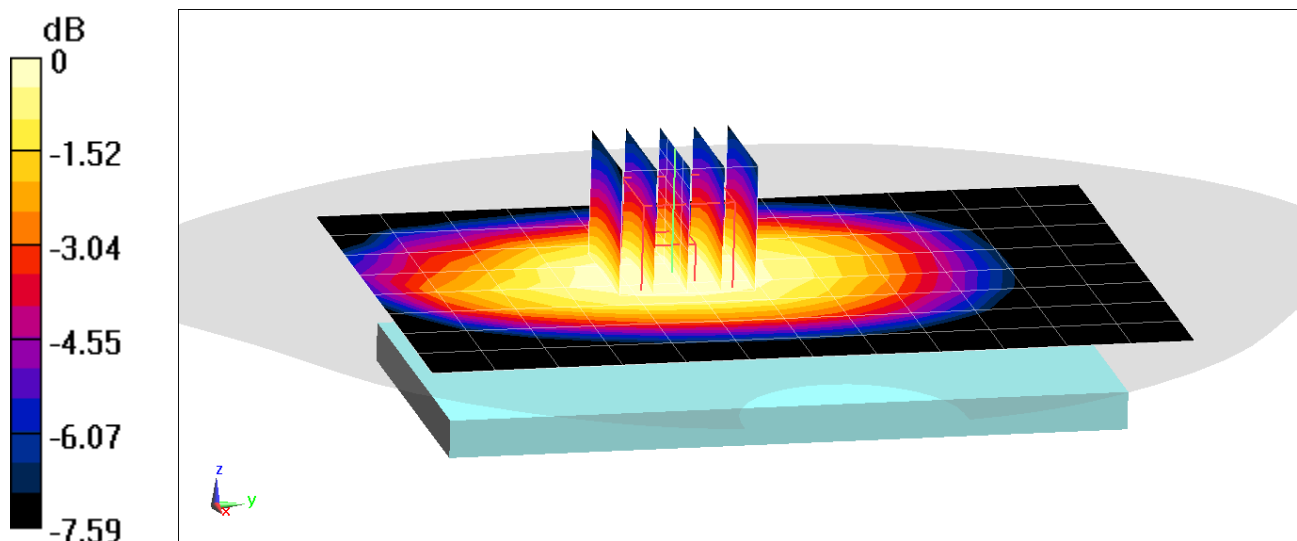
Area Scan (9x13x1): Measurement grid: dx=15mm, dy=15mm

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

Reference Value = 17.99 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.407 W/kg

SAR(1 g) = 0.304 W/kg



0 dB = 0.370 W/kg = -4.32 dBW/kg

PCTEST

DUT: A3LSMA528B; Type: Portable Handset; Serial: 26349

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; $\sigma = 0.975$ S/m; $\epsilon_r = 54.155$; $\rho = 1000$ kg/m³
Phantom section: Flat Section; Space: 1.0 cm

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

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

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

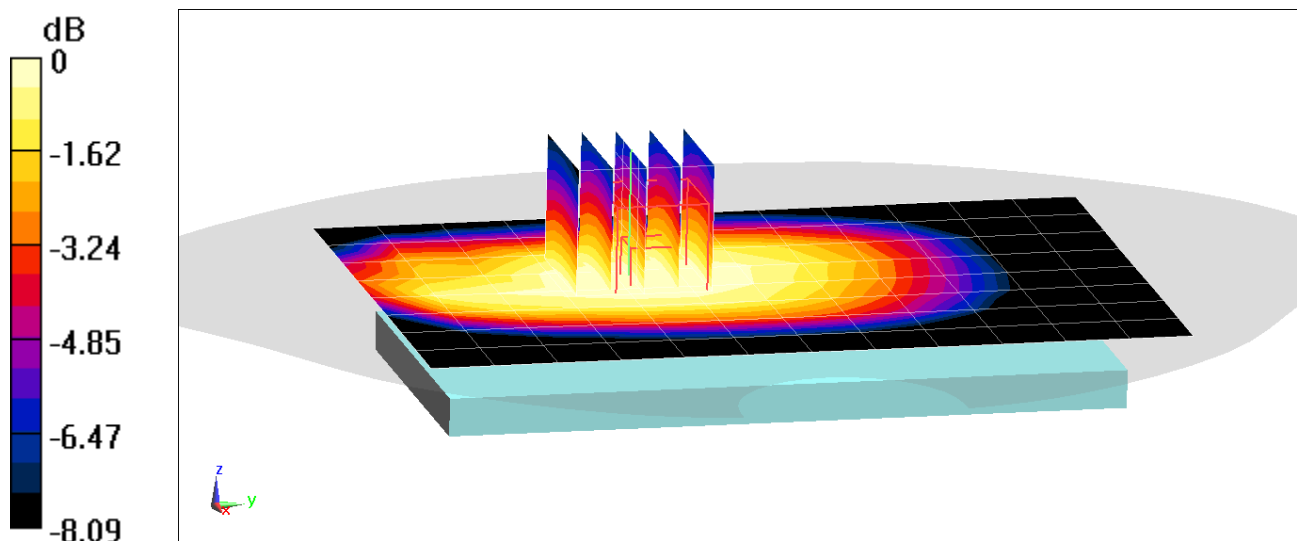
Area Scan (9x13x1): Measurement grid: dx=15mm, dy=15mm

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

Reference Value = 19.06 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 0.461 W/kg

SAR(1 g) = 0.350 W/kg



0 dB = 0.420 W/kg = -3.77 dBW/kg

PCTEST

DUT: A3LSMA528B; Type: Portable Handset; Serial: 29202

Communication System: UID 0, LTE Band 26; Frequency: 831.5 MHz; Duty Cycle: 1:1
Medium: 835 Body; Medium parameters used (interpolated):
 $f = 831.5$ MHz; $\sigma = 0.934$ S/m; $\epsilon_r = 52.607$; $\rho = 1000$ kg/m³
Phantom section: Flat Section; Space: 1.5 cm

Test Date: 07/06/2021; Ambient Temp: 24.4°C; Tissue Temp: 22.7°C

Probe: EX3DV4 - SN7409; ConvF(9.66, 9.66, 9.66) @ 831.5 MHz; Calibrated: 6/21/2021
Sensor-Surface: 1.4mm (Mechanical Surface Detection)
Electronics: DAE4 Sn1334; Calibrated: 6/15/2021
Phantom: Twin-SAM V5.0 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 26 (Cell.), Body SAR, Back side, Mid.ch,
15 MHz Bandwidth, QPSK, 1 RB, 0 RB Offset**

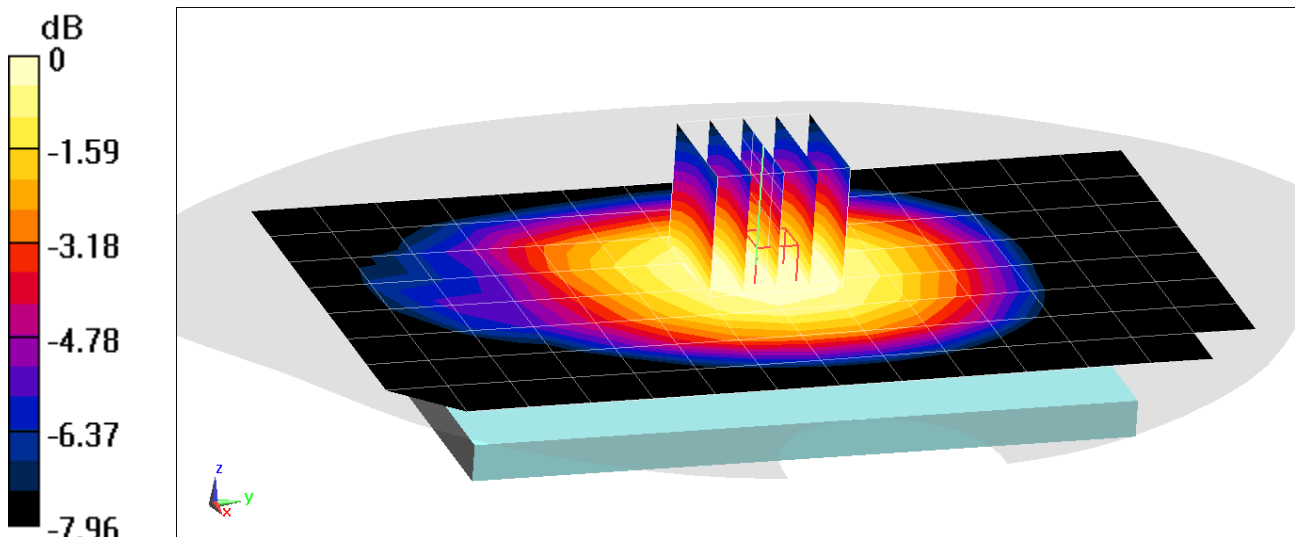
Area Scan (9x15x1): Measurement grid: dx=15mm, dy=15mm

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

Reference Value = 15.90 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 0.304 W/kg

SAR(1 g) = 0.231 W/kg



0 dB = 0.277 W/kg = -5.58 dBW/kg

PCTEST

DUT: A3LSMA528B; Type: Portable Handset; Serial: 29202

Communication System: UID 0, LTE Band 26; Frequency: 831.5 MHz; Duty Cycle: 1:1
Medium: 835 Body; Medium parameters used (interpolated):
 $f = 831.5$ MHz; $\sigma = 0.934$ S/m; $\epsilon_r = 52.607$; $\rho = 1000$ kg/m³
Phantom section: Flat Section; Space: 1.0 cm

Test Date: 07/06/2021; Ambient Temp: 24.4°C; Tissue Temp: 22.7°C

Probe: EX3DV4 - SN7409; ConvF(9.66, 9.66, 9.66) @ 831.5 MHz; Calibrated: 6/21/2021
Sensor-Surface: 1.4mm (Mechanical Surface Detection)
Electronics: DAE4 Sn1334; Calibrated: 6/15/2021
Phantom: Twin-SAM V5.0 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 26 (Cell.), Body SAR, Right Edge, Mid.ch,
15 MHz Bandwidth, QPSK, 1 RB, 0 RB Offset**

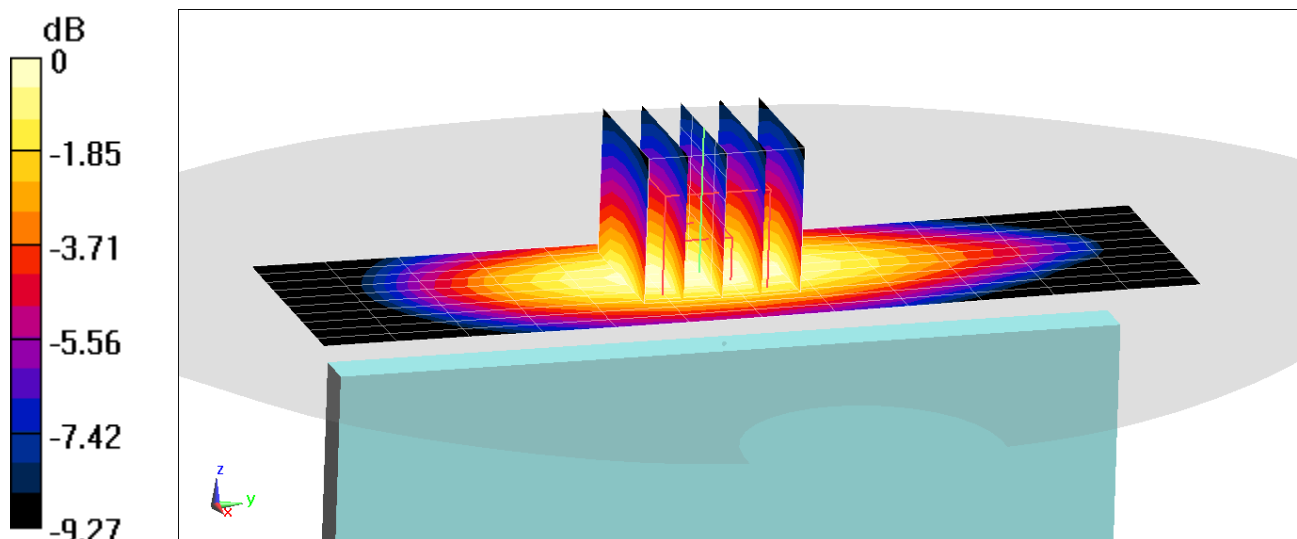
Area Scan (11x13x1): Measurement grid: dx=5mm, dy=15mm

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

Reference Value = 17.24 V/m; Power Drift = 0.00 dB

Peak SAR (extrapolated) = 0.389 W/kg

SAR(1 g) = 0.267 W/kg



0 dB = 0.346 W/kg = -4.61 dBW/kg

PCTEST

DUT: A3LSMA528B; Type: Portable Handset; Serial: 26398

Communication System: UID 0, LTE Band 66 (AWS); Frequency: 1720 MHz; Duty Cycle: 1:1

Medium: 1750 Body; Medium parameters used:

$f = 1720$ MHz; $\sigma = 1.425$ S/m; $\epsilon_r = 52.294$; $\rho = 1000$ kg/m³

Phantom section: Flat Section; Space: 1.5 cm

Test Date: 07/13/2021; Ambient Temp: 24.1°C; Tissue Temp: 23.5°C

Probe: EX3DV4 - SN3589; ConvF(7, 7, 7) @ 1720 MHz; Calibrated: 1/20/2021

Sensor-Surface: 1.4mm (Mechanical Surface Detection)

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

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

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

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

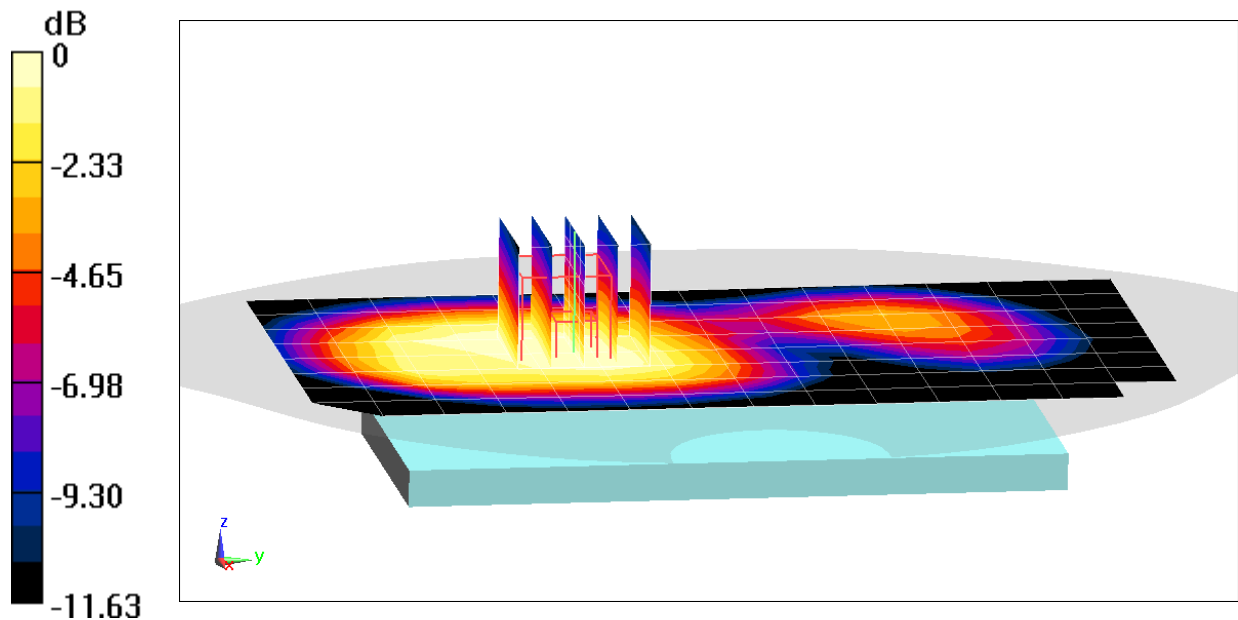
Area Scan (9x15x1): Measurement grid: dx=15mm, dy=15mm

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

Reference Value = 10.90 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.248 W/kg

SAR(1 g) = 0.162 W/kg



0 dB = 0.216 W/kg = -6.66 dBW/kg

PCTEST

DUT: A3LSMA528B; Type: Portable Handset; Serial: 26398

Communication System: UID 0, LTE Band 66 (AWS); Frequency: 1720 MHz; Duty Cycle: 1:1

Medium: 1750 Body; Medium parameters used:

$f = 1720$ MHz; $\sigma = 1.502$ S/m; $\epsilon_r = 52.048$; $\rho = 1000$ kg/m³

Phantom section: Flat Section; Space: 1.0 cm

Test Date: 07/21/2021; Ambient Temp: 21.5°C; Tissue Temp: 20.3°C

Probe: EX3DV4 - SN7308; ConvF(8.2, 8.2, 8.2) @ 1720 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 66 (AWS), Body SAR, Front side, Low.ch,
20 MHz Bandwidth, QPSK, 50 RB, 25 RB Offset**

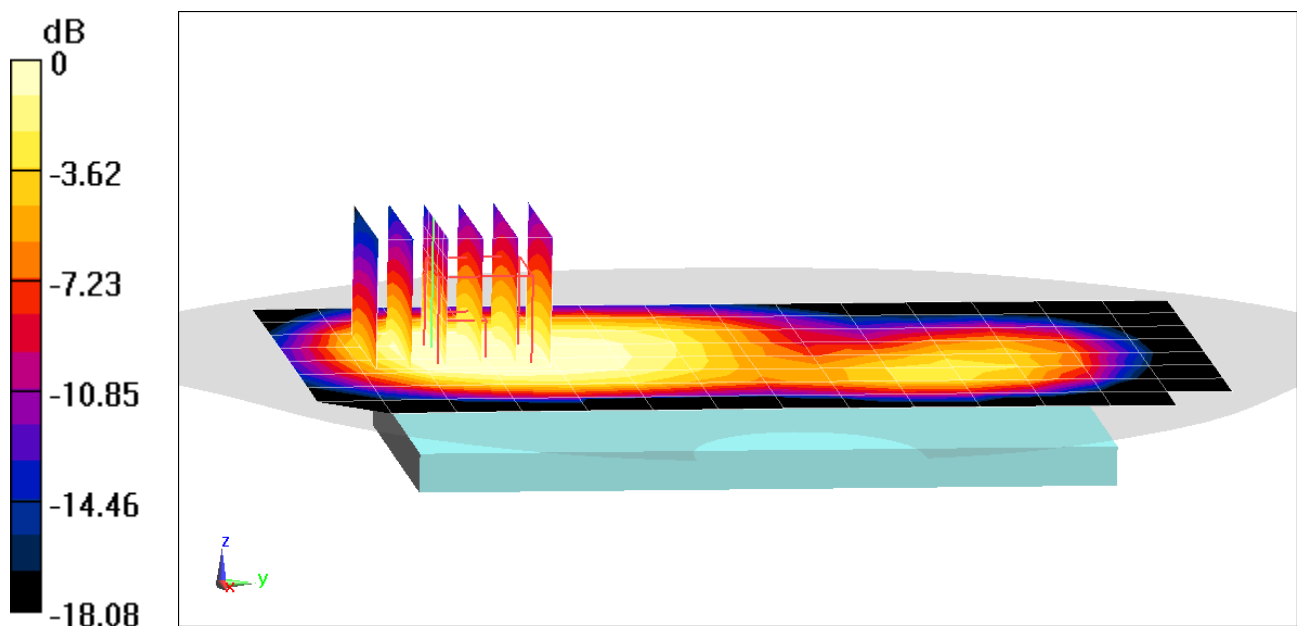
Area Scan (9x15x1): Measurement grid: dx=15mm, dy=15mm

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

Reference Value = 13.83 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 0.450 W/kg

SAR(1 g) = 0.278 W/kg



0 dB = 0.377 W/kg = -4.24 dBW/kg

PCTEST

DUT: A3LSMA528B; Type: Portable Handset; Serial: 26349

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

Medium: 1900 Body; Medium parameters used:

$f = 1860 \text{ MHz}$; $\sigma = 1.513 \text{ S/m}$; $\epsilon_r = 52.983$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section; Space: 1.5 cm

Test Date: 07/09/2021; Ambient Temp: 23.9°C; Tissue Temp: 22.6°C

Probe: EX3DV4 - SN3589; ConvF(6.84, 6.84, 6.84) @ 1860 MHz; Calibrated: 1/20/2021

Sensor-Surface: 1.4mm (Mechanical Surface Detection)

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

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

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

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

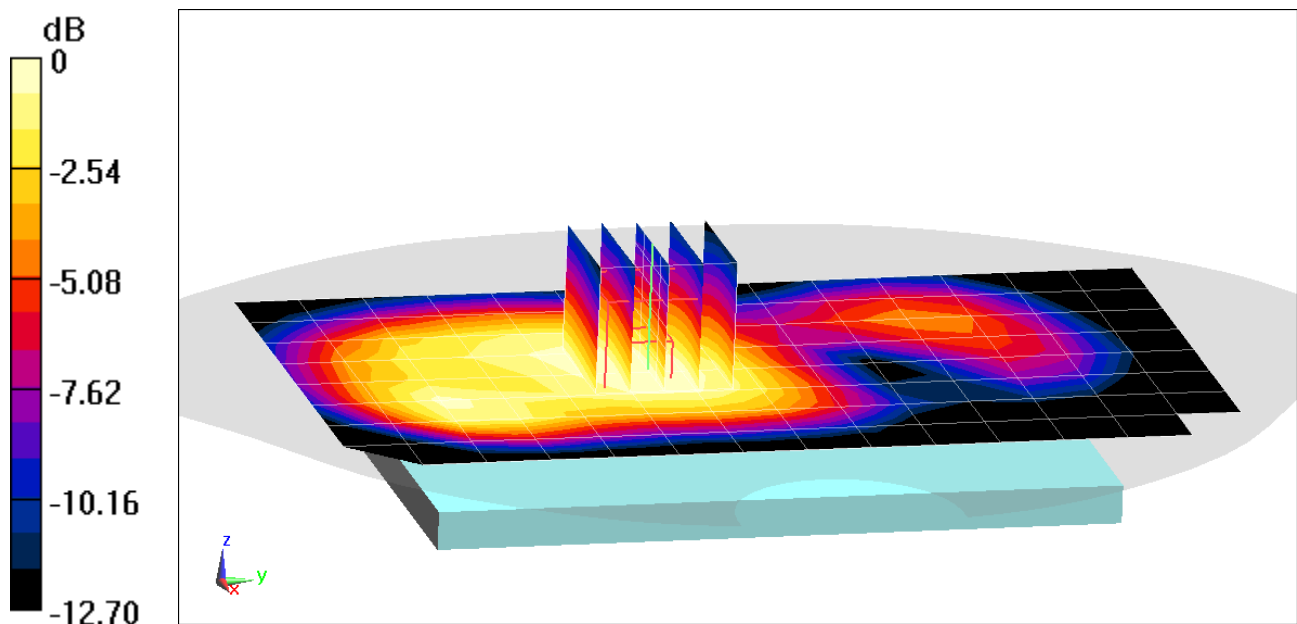
Area Scan (9x15x1): Measurement grid: dx=15mm, dy=15mm

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

Reference Value = 11.63 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 0.307 W/kg

SAR(1 g) = 0.195 W/kg



0 dB = 0.264 W/kg = -5.78 dBW/kg

PCTEST

DUT: A3LSMA528B; Type: Portable Handset; Serial: 26349

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

Medium: 1900 Body; Medium parameters used:

$f = 1860 \text{ MHz}$; $\sigma = 1.513 \text{ S/m}$; $\epsilon_r = 52.983$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section; Space: 1.0 cm

Test Date: 07/09/2021; Ambient Temp: 23.9°C; Tissue Temp: 22.6°C

Probe: EX3DV4 - SN3589; ConvF(6.84, 6.84, 6.84) @ 1860 MHz; Calibrated: 1/20/2021

Sensor-Surface: 1.4mm (Mechanical Surface Detection)

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

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

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

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

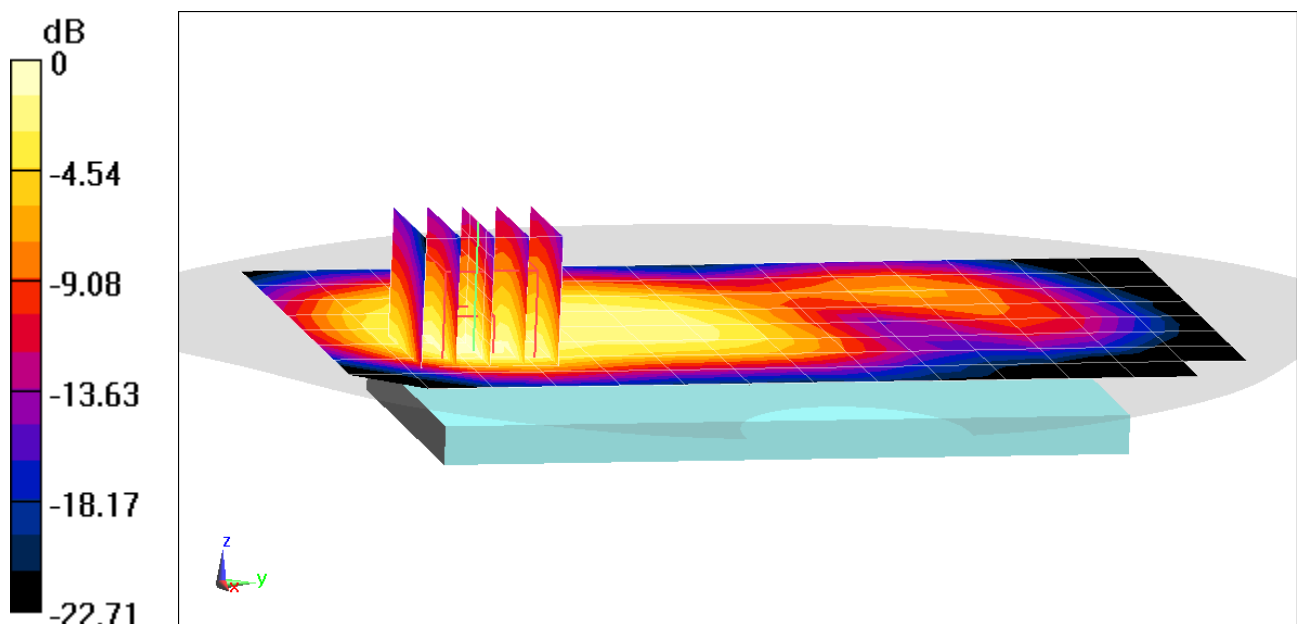
Area Scan (9x15x1): Measurement grid: dx=15mm, dy=15mm

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

Reference Value = 15.60 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 0.596 W/kg

SAR(1 g) = 0.343 W/kg



0 dB = 0.494 W/kg = -3.06 dBW/kg

PCTEST

DUT: A3LSMA528B; Type: Portable Handset; S/N: 27784

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

Medium: 2450 Body; Medium parameters used:

f = 2593.0 MHz; cond = 2.13 S/m; perm = 51.6; density = 1000 kg/m³

Phantom Section: Flat; Space: 15.00 mm

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

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

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

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

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

Measurement SW: cDASY6 Module SAR V16.0.0.116

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

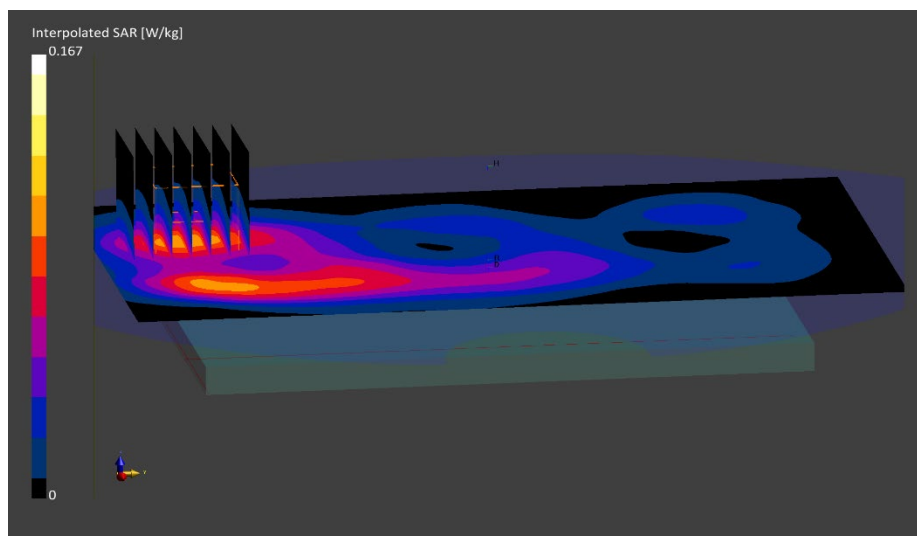
Area Scan (120.0 x 200.0): Measurement grid: dx=10.0mm, dy=10.0mm

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

Reference Value = 0.07 W/Kg; Power Drift = 0.11 dB

Peak SAR (extrapolated) = 0.167 W/kg

SAR(1 g) = 0.088 W/kg



PCTEST

DUT: A3LSMA528B; Type: Portable Handset; S/N: 27784

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

Medium: 2450 Body; Medium parameters used:

f = 2593.0 MHz; cond = 2.13 S/m; perm = 51.6; density = 1000 kg/m³

Phantom Section: Flat; Space: 10.00 mm

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

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

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

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

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

Measurement SW: cDASY6 Module SAR V16.0.0.116

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

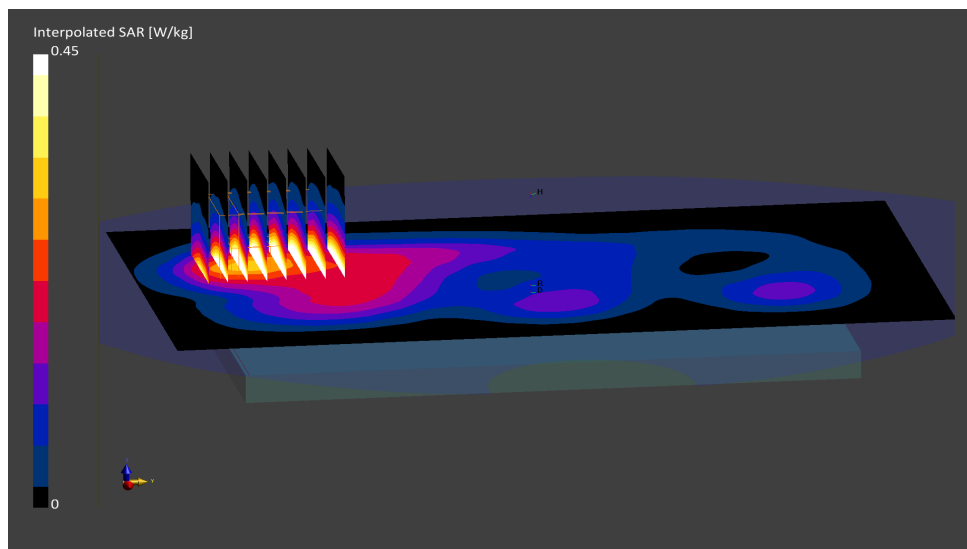
Area Scan (120.0 x 200.0): Measurement grid: dx=10.0mm, dy=10.0mm

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

Reference Value = 0.20 W/Kg; Power Drift = 0.00 dB

Peak SAR (extrapolated) = 0.45 W/kg

SAR(1 g) = 0.231 W/kg



PCTEST

DUT: A3LSMA528B; Type: Portable Handset; Serial: 29202

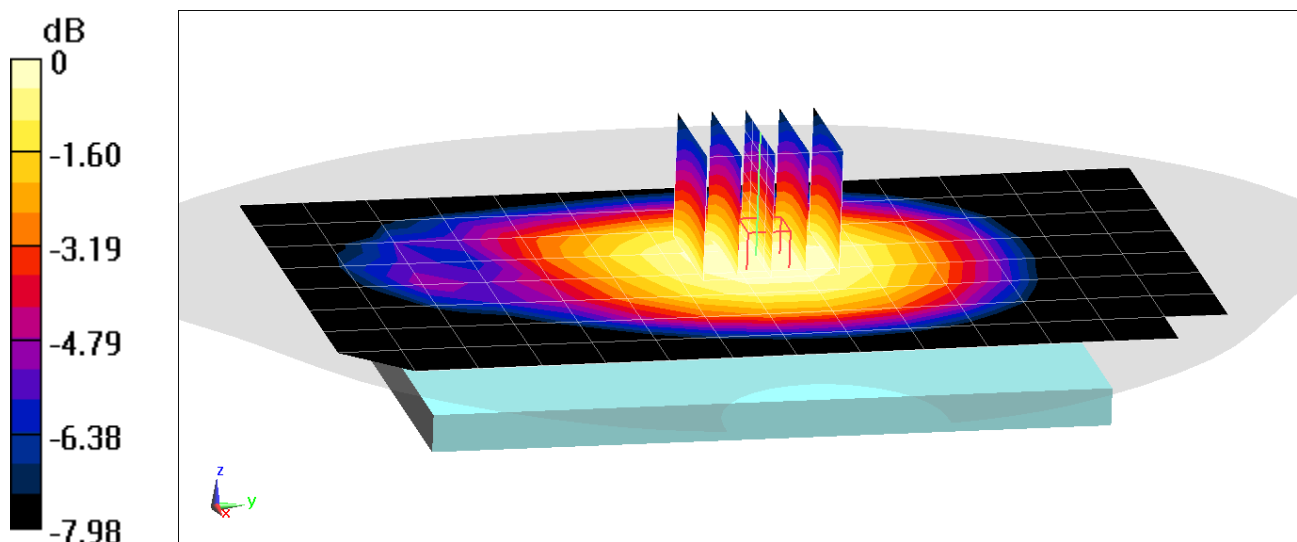
Communication System: UID 0, NR Band n5; Frequency: 836.5 MHz; Duty Cycle: 1:1
Medium: 835 Body; Medium parameters used (interpolated):
 $f = 836.5 \text{ MHz}$; $\sigma = 0.94 \text{ S/m}$; $\epsilon_r = 52.56$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Flat Section; Space: 1.5 cm

Test Date: 07/06/2021; Ambient Temp: 24.4°C; Tissue Temp: 22.7°C

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

**Mode: NR Band n5, Body SAR, Back Side, 20 MHz Bandwidth,
DFT-s-OFDM QPSK, Ch. 167300, 1 RB, 1 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 = 16.71 V/m; Power Drift = -0.03 dB
Peak SAR (extrapolated) = 0.336 W/kg
SAR(1 g) = 0.255 W/kg



0 dB = 0.307 W/kg = -5.13 dBW/kg

PCTEST

DUT: A3LSMA528B; Type: Portable Handset; Serial: 29202

Communication System: UID 0, NR Band n5; Frequency: 836.5 MHz; Duty Cycle: 1:1
Medium: 835 Body; Medium parameters used (interpolated):
 $f = 836.5 \text{ MHz}$; $\sigma = 0.94 \text{ S/m}$; $\epsilon_r = 52.56$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Flat Section; Space: 1.0 cm

Test Date: 07/06/2021; Ambient Temp: 24.4°C; Tissue Temp: 22.7°C

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

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

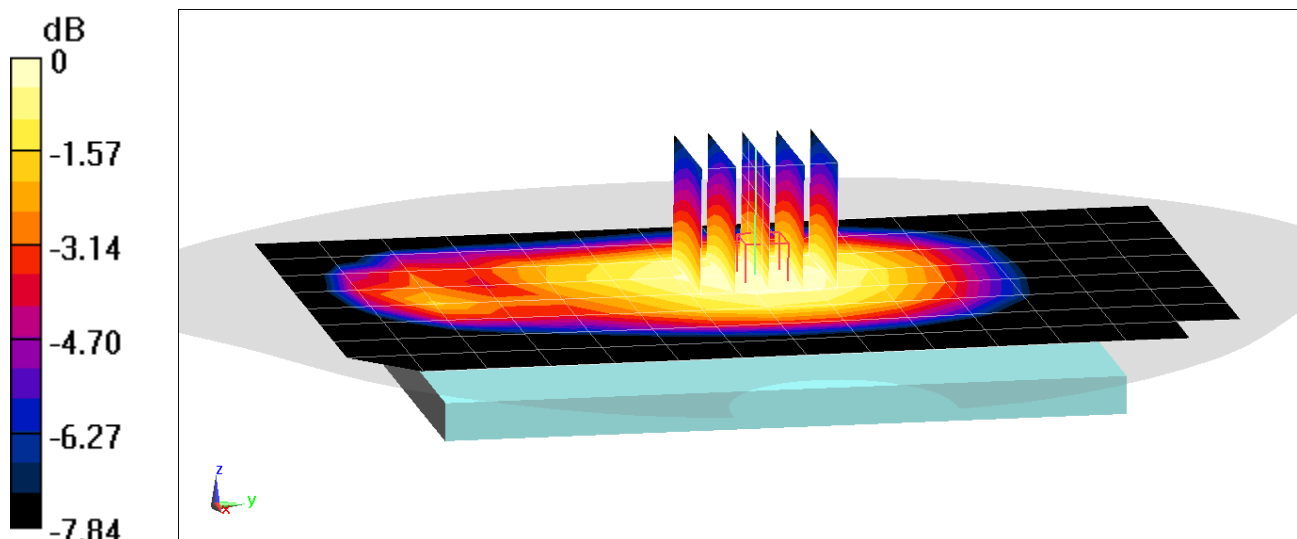
Area Scan (9x15x1): Measurement grid: dx=15mm, dy=15mm

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

Reference Value = 17.97 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.389 W/kg

SAR(1 g) = 0.295 W/kg



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

PCTEST

DUT: A3LSMA528B; Type: Portable Handset; Serial: 30598

Communication System: UID 0, NR Band n66; Frequency: 1720 MHz; Duty Cycle: 1:1

Medium: 1750 Body; Medium parameters used:

$f = 1720$ MHz; $\sigma = 1.425$ S/m; $\epsilon_r = 52.294$; $\rho = 1000$ kg/m³

Phantom section: Flat Section; Space: 1.5 cm

Test Date: 07/13/2021; Ambient Temp: 24.1°C; Tissue Temp: 23.5°C

Probe: EX3DV4 - SN3589; ConvF(7, 7, 7) @ 1720 MHz; Calibrated: 1/20/2021

Sensor-Surface: 1.4mm (Mechanical Surface Detection)

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

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

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

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

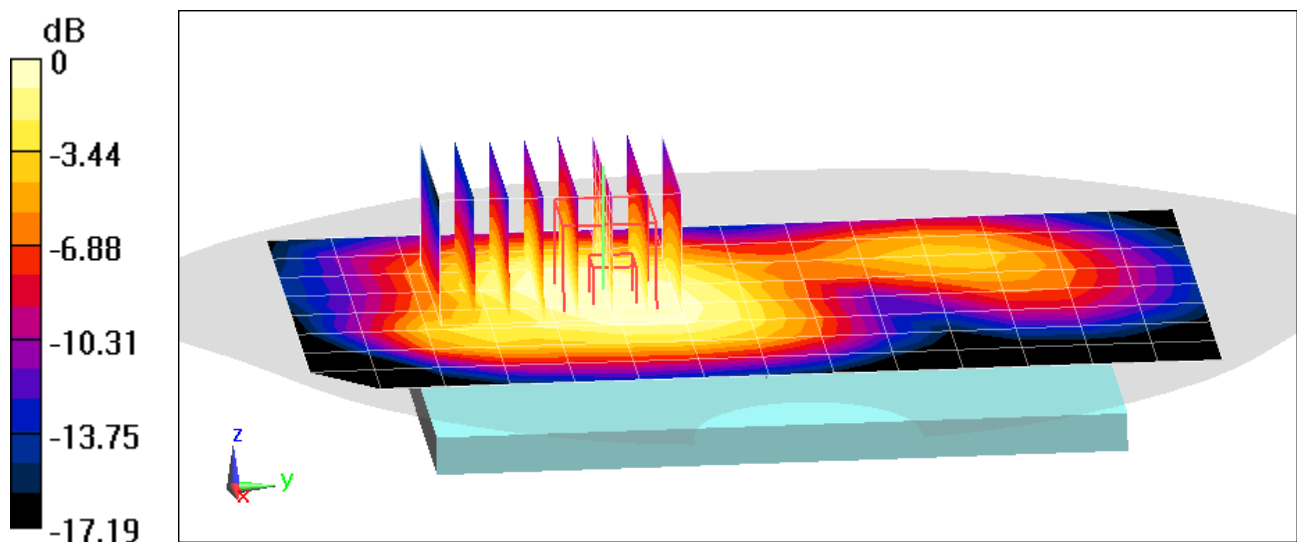
Area Scan (9x15x1): Measurement grid: dx=15mm, dy=15mm

Zoom Scan (7x8x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 10.44 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 0.320 W/kg

SAR(1 g) = 0.209 W/kg



PCTEST

DUT: A3LSMA528B; Type: Portable Handset; Serial: 30598

Communication System: UID 0, NR Band n66; Frequency: 1720 MHz; Duty Cycle: 1:1

Medium: 1750 Body; Medium parameters used:

$f = 1720$ MHz; $\sigma = 1.502$ S/m; $\epsilon_r = 52.048$; $\rho = 1000$ kg/m³

Phantom section: Flat Section; Space: 1.0 cm

Test Date: 07/21/2021; Ambient Temp: 21.5°C; Tissue Temp: 20.3°C

Probe: EX3DV4 - SN7308; ConvF(8.2, 8.2, 8.2) @ 1720 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 n66, Body SAR, Front Side, 20 MHz Bandwidth,
CP-OFDM QPSK, Ch. 344000, 1 RB, 1 RB Offset**

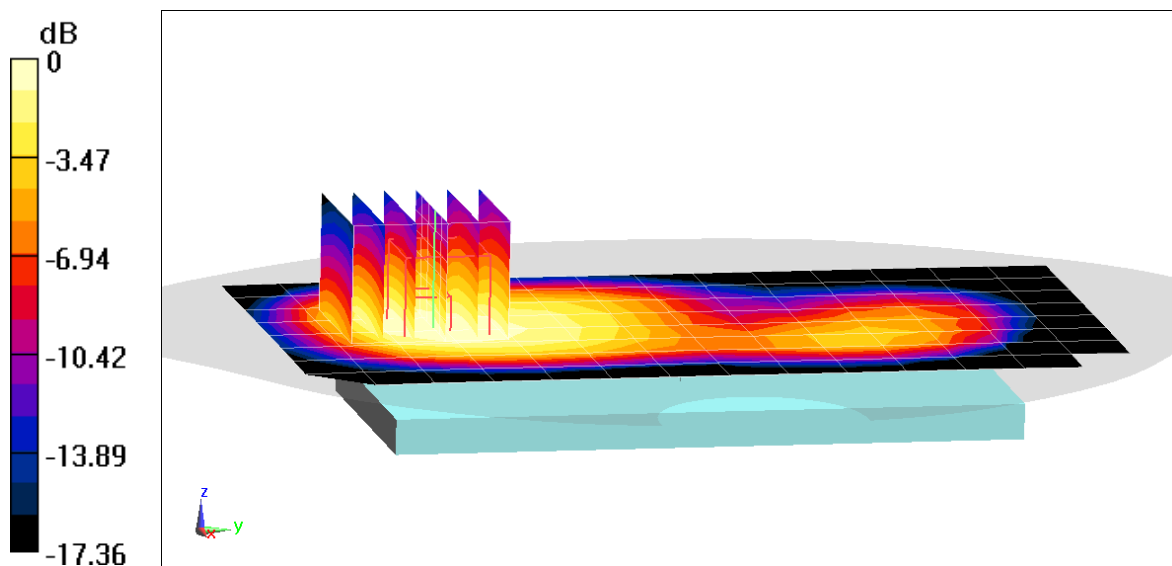
Area Scan (9x15x1): Measurement grid: dx=15mm, dy=15mm

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

Reference Value = 15.25 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 0.06 W/kg

SAR(1 g) = 0.357 W/kg



0 dB = 0.471 W/kg = -3.27 dBW/kg

PCTEST

DUT: A3LSMA528B; Type: Portable Handset; S/N: 26679

Communication System: UID:10415-AAA; MAIA: Y; Frequency: 2462.0 MHz

Medium: 2450 Body; Medium parameters used:

f = 2462.0 MHz; cond = 1.96 S/m; perm = 52.1; density = 1000 kg/m³

Phantom Section: Flat; Space: 15.00 mm

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

Probe: EX3DV4 - SN7539; ConvF:(7.62,7.62,7.62); Calibrated: 2020-10-20

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

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

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

Measurement SW: cDASY6 Module SAR V16.0.0.116

Mode: IEEE 802.11b, 22 MHz Bandwidth, Body SAR, Back side, Ch. 11, 1 Mbps

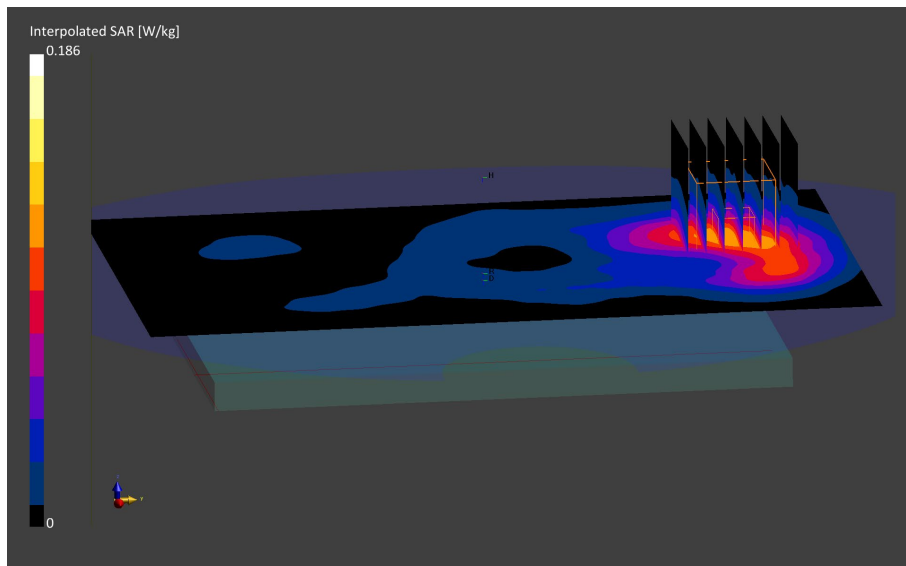
Area Scan (120.0 x 200.0): Measurement grid: dx=10mm, dy=10mm

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

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

Peak SAR (extrapolated) = 0.186 W/kg

SAR(1 g) = 0.102 W/kg



PCTEST

DUT: A3LSMA528B; Type: Portable Handset; S/N: 26679

Communication System: UID:10415-AAA; MAIA: Y; Frequency: 2462.0 MHz

Medium: 2450 Body; Medium parameters used:

f = 2462.0 MHz; cond = 1.96 S/m; perm = 52.1; density = 1000 kg/m³

Phantom Section: Flat; Space: 10.00 mm

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

Probe: EX3DV4 - SN7539; ConvF:(7.62,7.62,7.62); Calibrated: 2020-10-20

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

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

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

Measurement SW: cDASY6 Module SAR V16.0.0.116

Mode: IEEE 802.11b, 22 MHz Bandwidth, Body SAR, Top Edge, Ch. 11, 1 Mbps

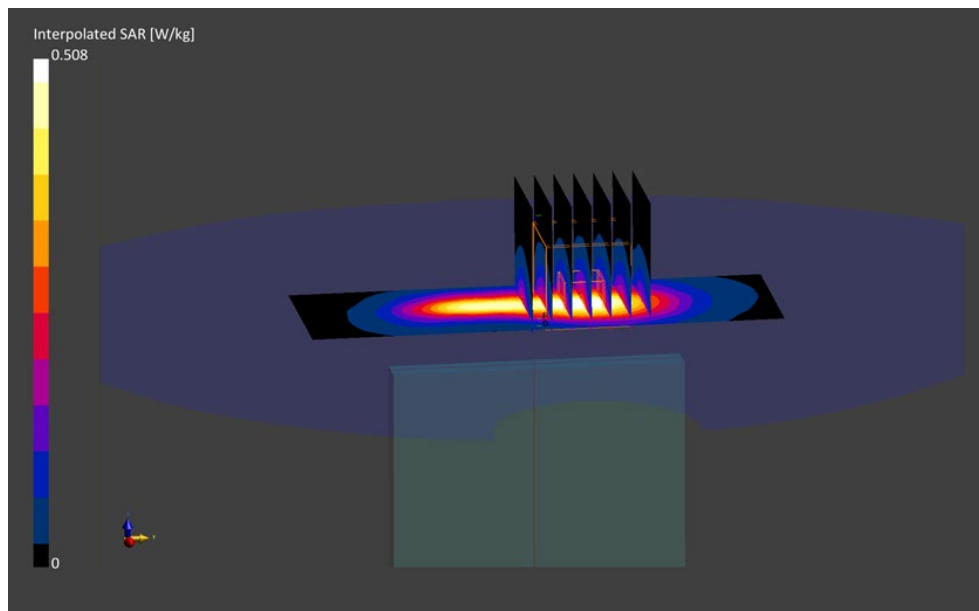
Area Scan (48.0 x 120.0): Measurement grid: dx=5mm, dy=10mm

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

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

Peak SAR (extrapolated) = 0.508 W/kg

SAR(1 g) = 0.263 W/kg



PCTEST

DUT: A3LSMA528B; Type: Portable Handset; Serial: 25580

Communication System: UID:10417-AAC, WLAN; MAIA: Y; Frequency: 5280.0 MHz
Medium: 5200-5800 Body; Medium parameters used:
f = 5280.0 MHz; cond = 5.35 S/m; perm = 47.9; density = 1000 kg/m³
Phantom Section: Flat; Space: 15.00 mm

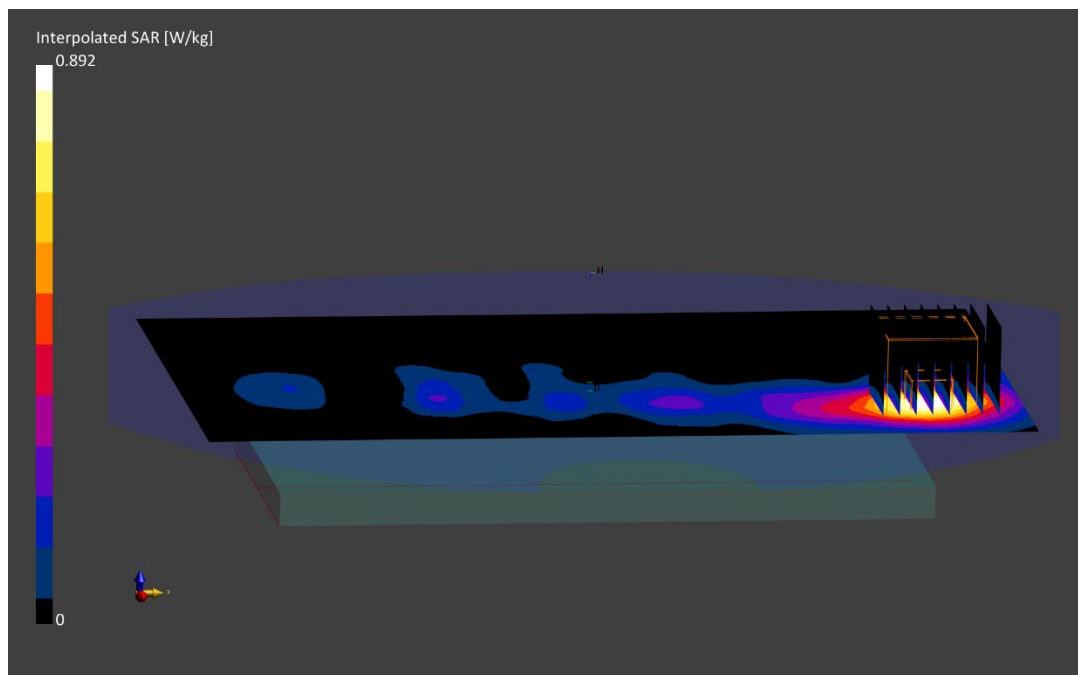
Test Date: 07/04/2021; Ambient Temp: 21.3°C; Tissue Temp: 22.5°C

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

Mode: IEEE 802.11a, 20 MHz Bandwidth, UNII-2A, Ch. 56, Body SAR, Back side, 6 Mbps

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

Zoom Scan (22.0 x 22.0 x 22.0): Measurement grid: dx=4.0mm, dy=4.0mm, dz=1.4mm; Graded Ratio: 1.4
Reference Value = 0.35 W/kg; Power Drift = 0.00 dB
Peak SAR (extrapolated) = 0.892 W/kg
SAR(1 g) = 0.252 W/kg



PCTEST

DUT: A3LSMA528B; Type: Portable Handset; Serial: 25580

Communication System: UID:10417-AAC, WLAN; MAIA: Y; Frequency: 5825.0 MHz
Medium: 5200-5800 Body; Medium parameters used:
f = 5825.0 MHz; cond = 6.12 S/m; perm = 47.0; density = 1000 kg/m³
Phantom Section: Flat; Space: 10.00 mm

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

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

Mode: IEEE 802.11a, 20 MHz Bandwidth, UNII-3, Ch. 165, Body SAR, Left Edge, 6 Mbps

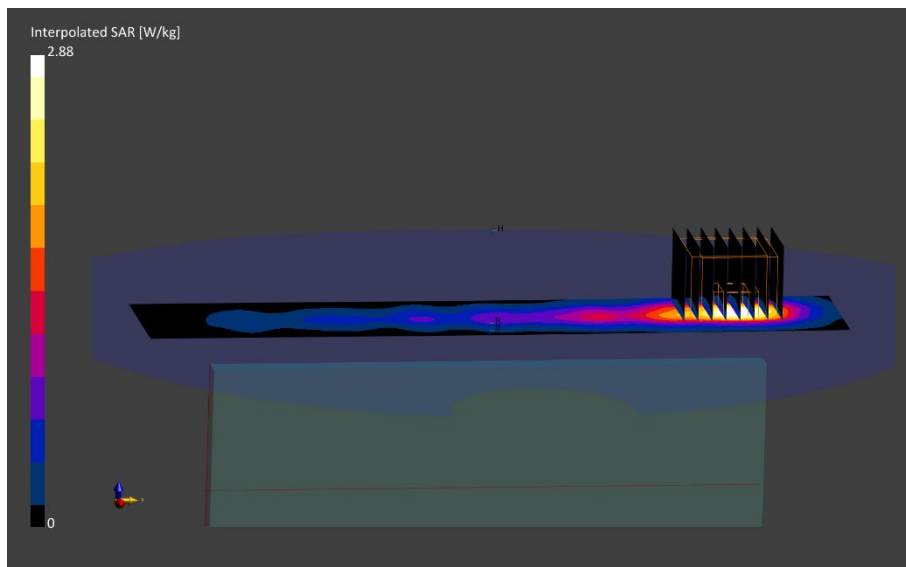
Area Scan (48.0 x 200.0): Measurement grid: dx= 5mm, dy= 10mm

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

Reference Value = 0.91 W/kg; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 2.88 W/kg

SAR(1 g) = 0.681 W/kg



PCTEST

DUT: A3LSMA528B; Type: Portable Handset; S/N: 26679

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

Medium: 2450 Body; Medium parameters used:

f = 2441.0 MHz; cond = 1.93 S/m; perm = 52.2; density = 1000 kg/m³

Phantom Section: Flat; Space: 15.00 mm

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

Probe: EX3DV4 - SN7539; ConvF:(7.62,7.62,7.62); Calibrated: 2020-10-20

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

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

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

Measurement SW: cDASY6 Module SAR V16.0.0.116

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

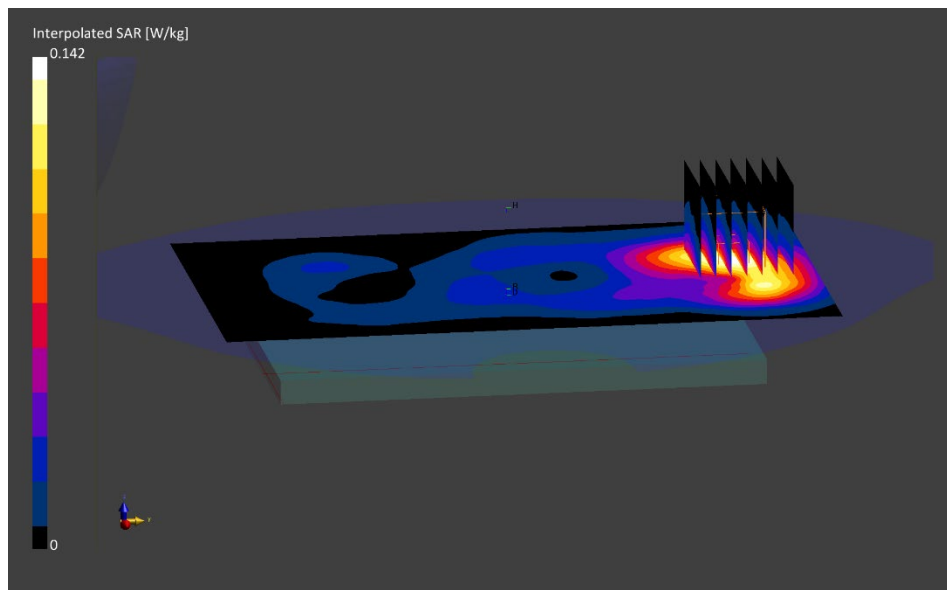
Area Scan (120.0 x 200.0): Measurement grid: dx=10.0mm, dy=10.0mm

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

Reference Value = 0.07 W/Kg; Power Drift = 0.00 dB

Peak SAR (extrapolated) = 0.142 W/kg

SAR(1 g) = 0.078 W/kg



PCTEST

DUT: A3LSMA528B; Type: Portable Handset; S/N: 26679

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

Medium: 2450 Body; Medium parameters used:

f = 2441.0 MHz; cond = 1.93 S/m; perm = 52.2; density = 1000 kg/m³

Phantom Section: Flat; Space: 10.00 mm

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

Probe: EX3DV4 - SN7539; ConvF:(7.62,7.62,7.62); Calibrated: 2020-10-20

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

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

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

Measurement SW: cDASY6 Module SAR V16.0.0.116

Mode: Bluetooth, Body SAR, Ch.39, 1Mbps, Top Edge

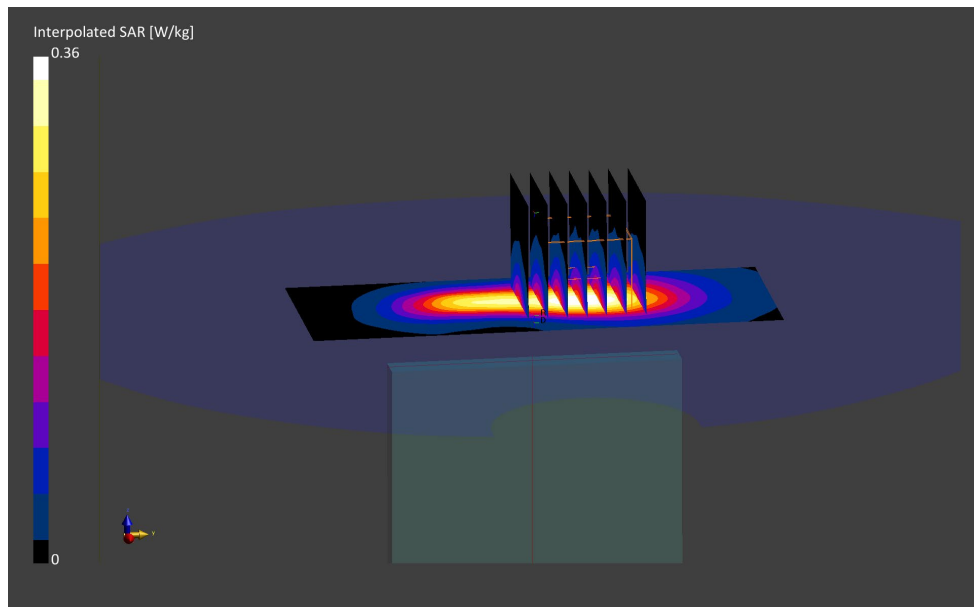
Area Scan (48.0 x 120.0): Measurement grid: dx=8.0mm, dy=10.0mm

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

Reference Value = 0.17 W/Kg; Power Drift = 0.00 dB

Peak SAR (extrapolated) = 0.36 W/kg

SAR(1 g) = 0.188 W/kg



PCTEST

DUT: A3LSMA528B; Type: Portable Handset; Serial: 26349

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

Medium: 1900 Body; Medium parameters used:

$f = 1910$ MHz; $\sigma = 1.574$ S/m; $\epsilon_r = 51.65$; $\rho = 1000$ kg/m³

Phantom section: Flat Section; Space: 0.0 cm

Test Date: 07/07/2021; Ambient Temp: 23.7°C; Tissue Temp: 22.4°C

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

Sensor-Surface: 1.4mm (Mechanical Surface Detection)

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

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

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

Mode: GPRS 1900, Phablet SAR, Front side, High.ch, 2 Tx Slots

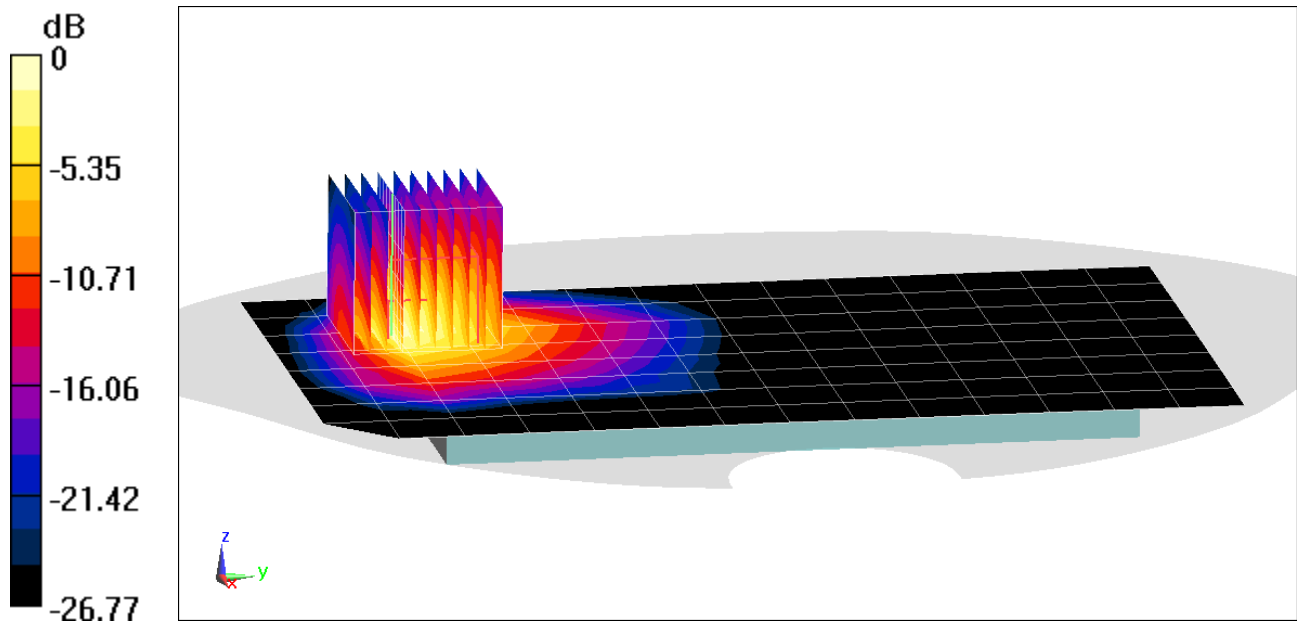
Area Scan (9x15x1): Measurement grid: dx=15mm, dy=15mm

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

Reference Value = 35.95 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 5.46 W/kg

SAR(10 g) = 0.856 W/kg



0 dB = 3.26 W/kg = 5.13 dBW/kg

PCTEST

DUT: A3LSMA528B; Type: Portable Handset; Serial: 26398

Communication System: UID 0, UMTS; Frequency: 1712.4 MHz; Duty Cycle: 1:1
Medium: 1750 Body; Medium parameters used (interpolated):
 $f = 1712.4$ MHz; $\sigma = 1.428$ S/m; $\epsilon_r = 51.648$; $\rho = 1000$ kg/m³
Phantom section: Flat Section; Space: 0.0 cm

Test Date: 07/16/2021; Ambient Temp: 23.1°C; Tissue Temp: 22.6°C

Probe: EX3DV4 - SN3589; ConvF(7, 7, 7) @ 1712.4 MHz; Calibrated: 1/20/2021
Sensor-Surface: 1.4mm (Mechanical Surface Detection)
Electronics: DAE4 Sn1558; Calibrated: 1/13/2021
Phantom: Twin-SAM V5.0 (30); Type: QD 000 P40 CD; Serial: 1646
Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

Mode: UMTS 1750, Phablet SAR, Front side, Low.ch

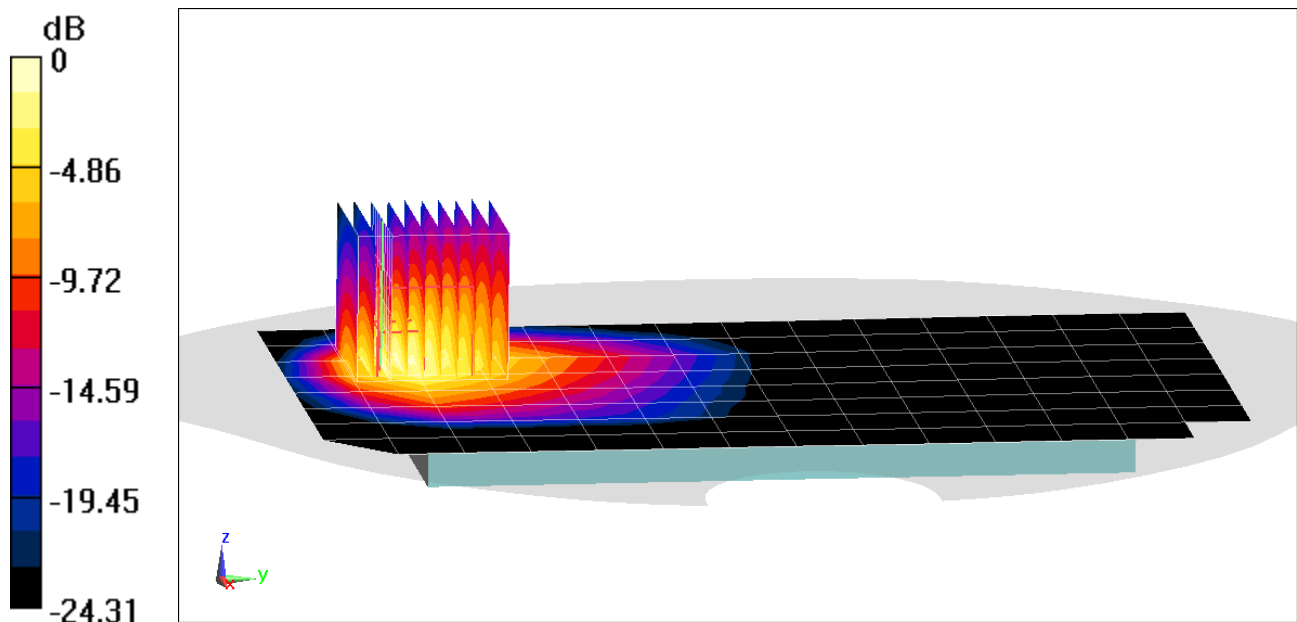
Area Scan (9x15x1): Measurement grid: dx=15mm, dy=15mm

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

Reference Value = 41.23 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 5.82 W/kg

SAR(10 g) = 1.21 W/kg



0 dB = 3.86 W/kg = 5.87 dBW/kg

PCTEST

DUT: A3LSMA528B; Type: Portable Handset; Serial: 26398

Communication System: UID 0, UMTS; Frequency: 1852.4 MHz; Duty Cycle: 1:1
Medium: 1900 Body; Medium parameters used (interpolated):
 $f = 1852.4$ MHz; $\sigma = 1.509$ S/m; $\epsilon_r = 51.842$; $\rho = 1000$ kg/m³
Phantom section: Flat Section; Space: 0.0 cm

Test Date: 07/07/2021; Ambient Temp: 23.7°C; Tissue Temp: 22.4°C

Probe: EX3DV4 - SN3589; ConvF(6.84, 6.84, 6.84) @ 1852.4 MHz; Calibrated: 1/20/2021
Sensor-Surface: 1.4mm (Mechanical Surface Detection)
Electronics: DAE4 Sn1558; Calibrated: 1/13/2021
Phantom: Twin-SAM V5.0 (30); Type: QD 000 P40 CD; Serial: 1646
Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

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

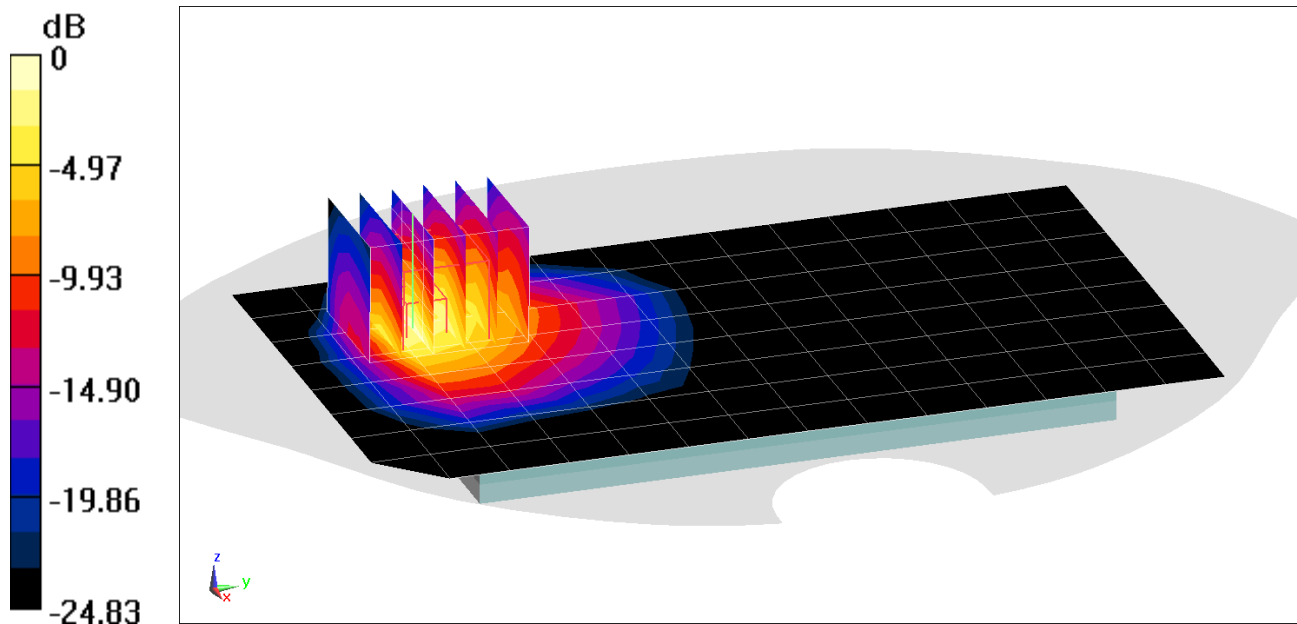
Area Scan (9x15x1): Measurement grid: dx=15mm, dy=15mm

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

Reference Value = 50.60 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 7.21 W/kg

SAR(10 g) = 1.66 W/kg



0 dB = 5.64 W/kg = 7.51 dBW/kg

PCTEST

DUT: A3LSMA528B; Type: Portable Handset; Serial: 26398

Communication System: UID 0, LTE Band 66 (AWS); Frequency: 1745 MHz; Duty Cycle: 1:1
Medium: 1750 Body Medium parameters used: $f = 1745$ MHz; $\sigma = 1.535$ S/m; $\epsilon_r = 51.855$; $\rho = 1000$ kg/m³
Phantom section: Flat Section; Space: 0.0 cm

Test Date: 07/25/2021; Ambient Temp: 21.5°C; Tissue Temp: 22.1°C

Probe: EX3DV4 - SN7308; ConvF(8.2, 8.2, 8.2) @ 1745 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 66 (AWS), Phablet SAR, Back side, Mid.ch,
20 MHz Bandwidth, QPSK, 50 RB, 25 RB Offset**

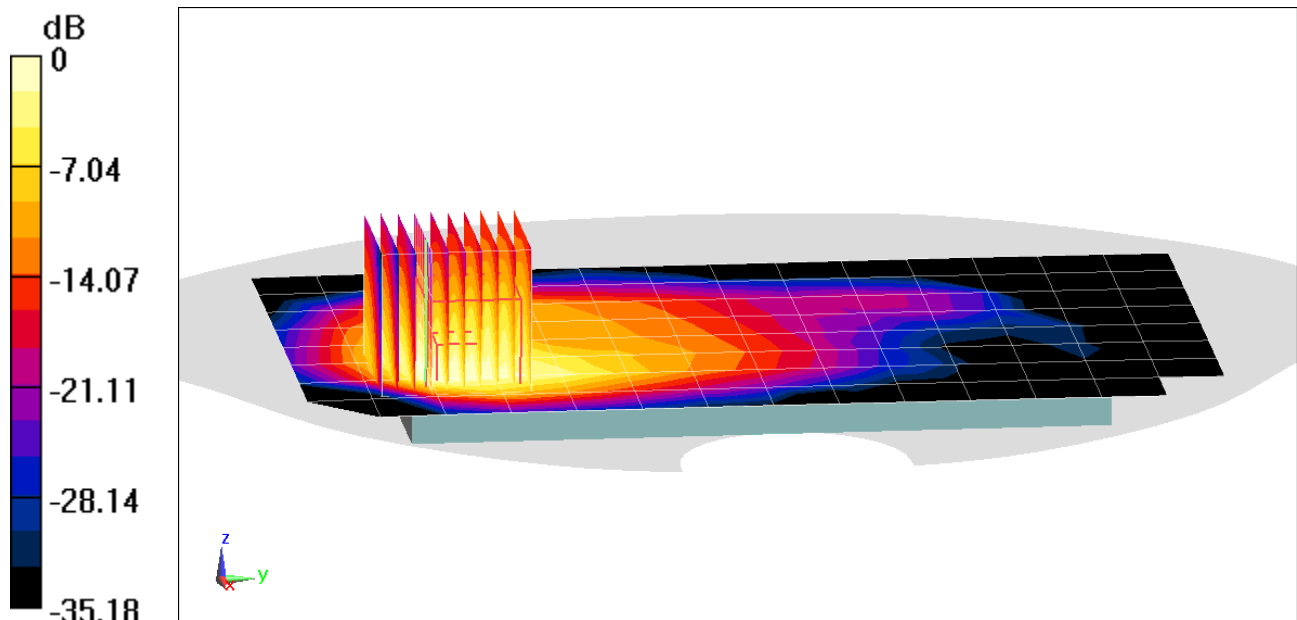
Area Scan (9x15x1): Measurement grid: dx=15mm, dy=15mm

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

Reference Value = 43.25 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 10.1 W/kg

SAR(10 g) = 1.35 W/kg



0 dB = 3.96 W/kg = 5.98 dBW/kg

PCTEST

DUT: A3LSMA528B; Type: Portable Handset; Serial: 26349

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

Medium: 1900 Body; Medium parameters used:

$f = 1860 \text{ MHz}$; $\sigma = 1.513 \text{ S/m}$; $\epsilon_r = 52.983$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section; Space: 0.0 cm

Test Date: 07/09/2021; Ambient Temp: 23.9°C; Tissue Temp: 22.6°C

Probe: EX3DV4 - SN3589; ConvF(6.84, 6.84, 6.84) @ 1860 MHz; Calibrated: 1/20/2021

Sensor-Surface: 1.4mm (Mechanical Surface Detection)

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

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

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

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

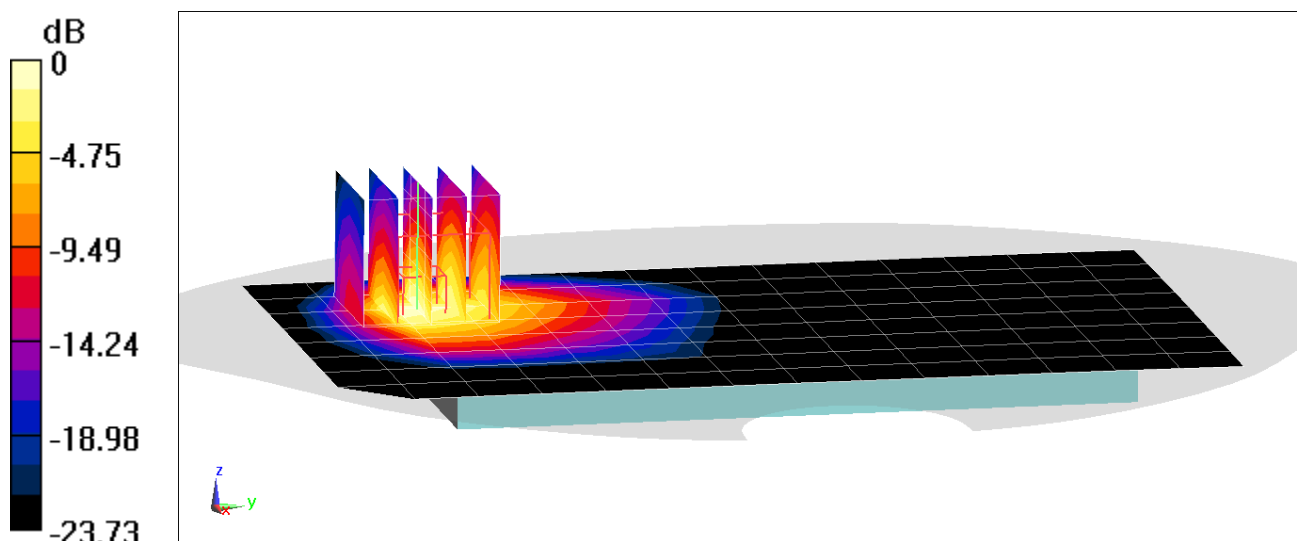
Area Scan (9x15x1): Measurement grid: dx=15mm, dy=15mm

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

Reference Value = 47.81 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 5.99 W/kg

SAR(10 g) = 1.5 W/kg



0 dB = 4.61 W/kg = 6.64 dBW/kg

PCTEST

DUT: A3LSMA528B; Type: Portable Handset; Serial: 30598

Communication System: UID 0, NR Band n66; Frequency: 1745 MHz; Duty Cycle: 1:1
Medium: 1750 Body; Medium parameters used:
 $f = 1745 \text{ MHz}$; $\sigma = 1.532 \text{ S/m}$; $\epsilon_r = 51.968$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Flat Section; Space: 0.0 cm

Test Date: 07/21/2021; Ambient Temp: 21.5°C; Tissue Temp: 20.3°C

Probe: EX3DV4 - SN7308; ConvF(8.2, 8.2, 8.2) @ 1745 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 n66, Phablet SAR, Back Side, 20 MHz Bandwidth,
DFT-s-OFDM QPSK, Ch. 349000, 1 RB, 53 RB Offset**

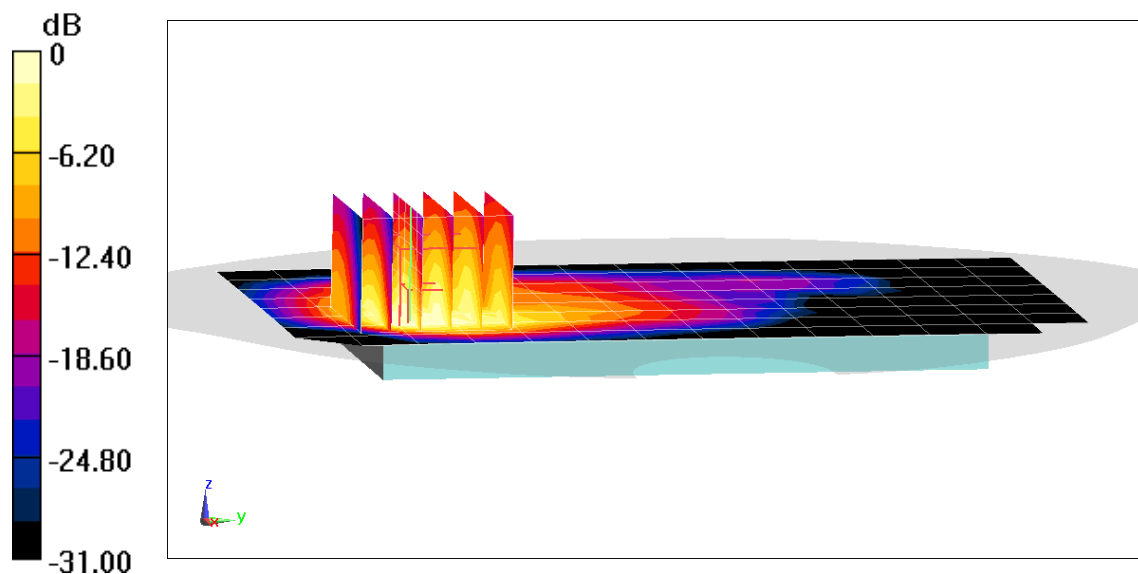
Area Scan (9x15x1): Measurement grid: dx=15mm, dy=15mm

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

Reference Value = 46.68 V/m; Power Drift = 0.16 dB

Peak SAR (extrapolated) = 6.56 W/kg

SAR(10 g) = 1.71 W/kg



0 dB = 4.53 W/kg = 6.56 dBW/kg

PCTEST

DUT: A3LSMA528B; Type: Portable Handset; Serial: 25508

Communication System: UID:10317-AAC, WLAN; MAIA: Y; Frequency: 5280.0 MHz

Medium: 5200-5800 Body; Medium parameters used:

f = 5280.0 MHz; cond = 5.35 S/m; perm = 47.9; density = 1000 kg/m³

Phantom Section: Flat; Space: 0.00 mm

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

Probe: EX3DV4 - SN7526; ConvF:(4.55,4.55,4.55); Calibrated: 2021-03-16

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

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

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

Measurement SW: cDASY6 Module SAR V6.14.0.959

Mode: IEEE 802.11a, 20 MHz Bandwidth, UNII-2A, Ch. 56, Phablet SAR, Left Edge, 6 Mbps

Area Scan (48.0 x 200.0): Measurement grid: dx= 10mm, dy= 10mm

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

Reference Value = 8.85 W/kg; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 27.8 W/kg

SAR(10 g) = 1.35 W/kg

