

APPENDIX A: SAR TEST DATA

PCTEST

DUT: A3LSMG996U; Type: Portable Handset; Serial: 0511M

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; $\sigma = 0.933$ S/m; $\epsilon_r = 40.22$; $\rho = 1000$ kg/m³

Phantom section: Right Section

Test Date: 10/08/2020; Ambient Temp: 24.1°C; Tissue Temp: 23.4°C

Probe: EX3DV4 - SN3589; ConvF(8.58, 8.58, 8.58) @ 820.1 MHz; Calibrated: 1/21/2020

Sensor-Surface: 1.4mm (Mechanical Surface Detection)

Electronics: DAE4 Sn1558; Calibrated: 1/13/2020

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: Cell. EVDO Rev. A, BC 10, Right Head, Cheek, Mid.ch

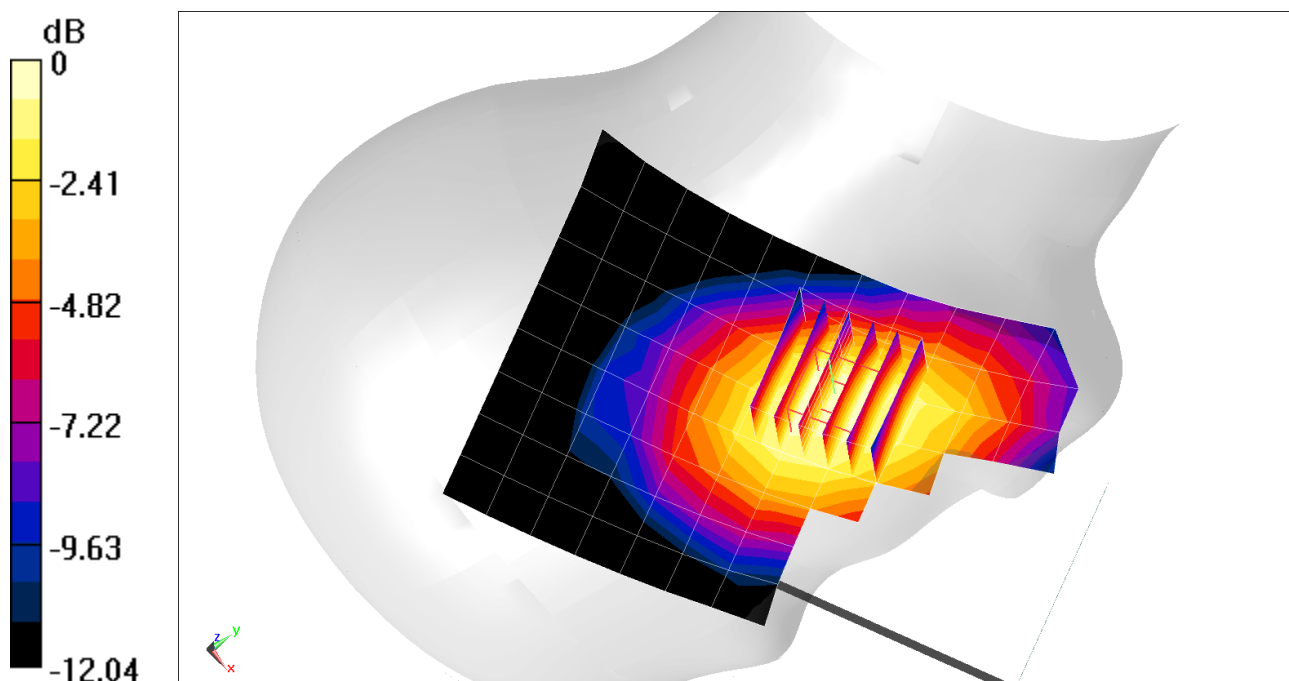
Area Scan (9x15x1): Measurement grid: dx=15mm, dy=15mm

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

Reference Value = 16.76 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 0.341 W/kg

SAR(1 g) = 0.249 W/kg



0 dB = 0.305 W/kg = -5.16 dBW/kg

PCTEST

DUT: A3LSMG996U; Type: Portable Handset; Serial: 0511M

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

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

$f = 836.52$ MHz; $\sigma = 0.946$ S/m; $\epsilon_r = 42.969$; $\rho = 1000$ kg/m³

Phantom section: Right Section

Test Date: 10/02/2020; Ambient Temp: 22.9°C; Tissue Temp: 21.8°C

Probe: EX3DV4 - SN7406; ConvF(9.61, 9.61, 9.61) @ 836.52 MHz; Calibrated: 6/23/2020

Sensor-Surface: 1.4mm (Mechanical Surface Detection)

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

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: Cell. EVDO Rev. A, BC 0, Right Head, Cheek, Mid.ch

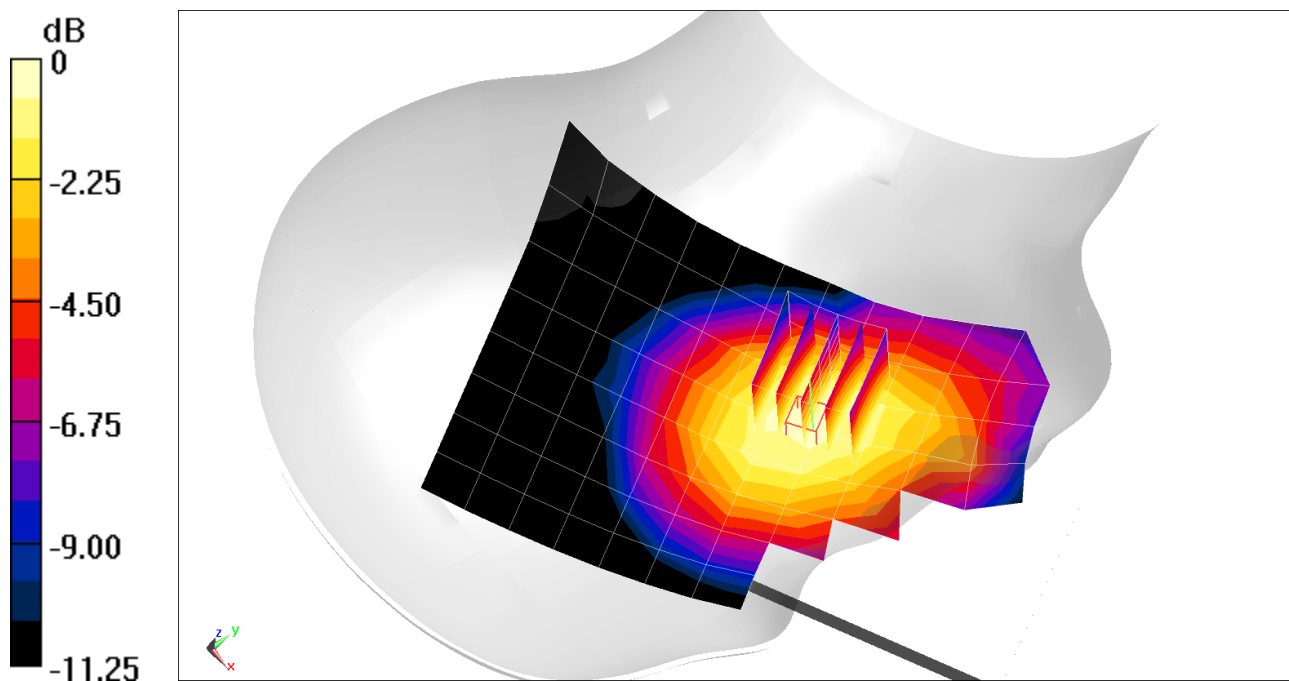
Area Scan (9x13x1): Measurement grid: dx=15mm, dy=15mm

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

Reference Value = 14.20 V/m; Power Drift = 0.12 dB

Peak SAR (extrapolated) = 0.248 W/kg

SAR(1 g) = 0.194 W/kg



0 dB = 0.230 W/kg = -6.38 dBW/kg

PCTEST

DUT: A3LSMG996U; Type: Portable Handset; Serial: 0526M

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

Medium: 1900 Head; Medium parameters used:

$f = 1880 \text{ MHz}$; $\sigma = 1.397 \text{ S/m}$; $\epsilon_r = 38.904$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Left Section

Test Date: 10/07/2020; Ambient Temp: 23.7°C; Tissue Temp: 22.2°C

Probe: EX3DV4 - SN7406; ConvF(7.96, 7.96, 7.96) @ 1880 MHz; Calibrated: 6/23/2020

Sensor-Surface: 1.4mm (Mechanical Surface Detection)

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

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: PCS EVDO Rev A, Left Head, Cheek, Mid.ch

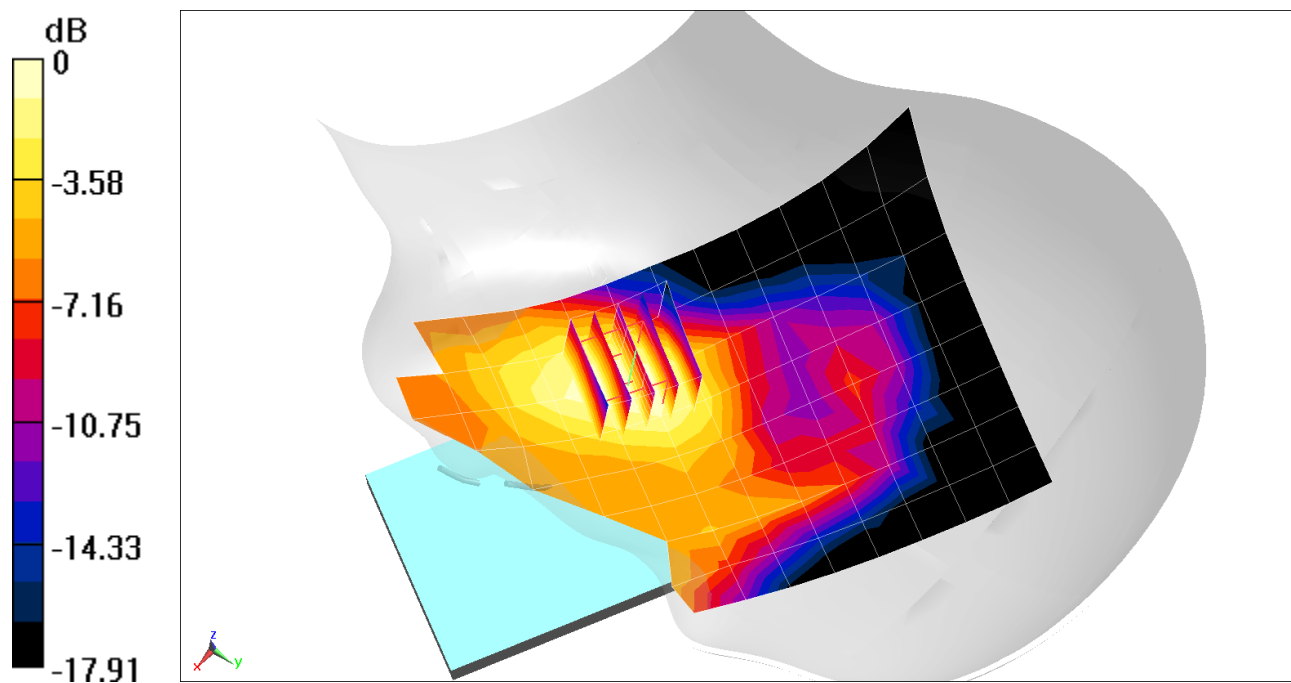
Area Scan (9x15x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Reference Value = 10.24 V/m; Power Drift = 0.12 dB

Peak SAR (extrapolated) = 0.216 W/kg

SAR(1 g) = 0.139 W/kg



0 dB = 0.179 W/kg = -7.47 dBW/kg

PCTEST

DUT: A3LSMG996U; Type: Portable Handset; Serial: 0511M

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

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

$f = 836.6$ MHz; $\sigma = 0.946$ S/m; $\epsilon_r = 42.968$; $\rho = 1000$ kg/m³

Phantom section: Right Section

Test Date: 10/02/2020; Ambient Temp: 22.9°C; Tissue Temp: 21.8°C

Probe: EX3DV4 - SN7406; ConvF(9.61, 9.61, 9.61) @ 836.6 MHz; Calibrated: 6/23/2020

Sensor-Surface: 1.4mm (Mechanical Surface Detection)

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

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 850, Right Head, Cheek, Mid.ch

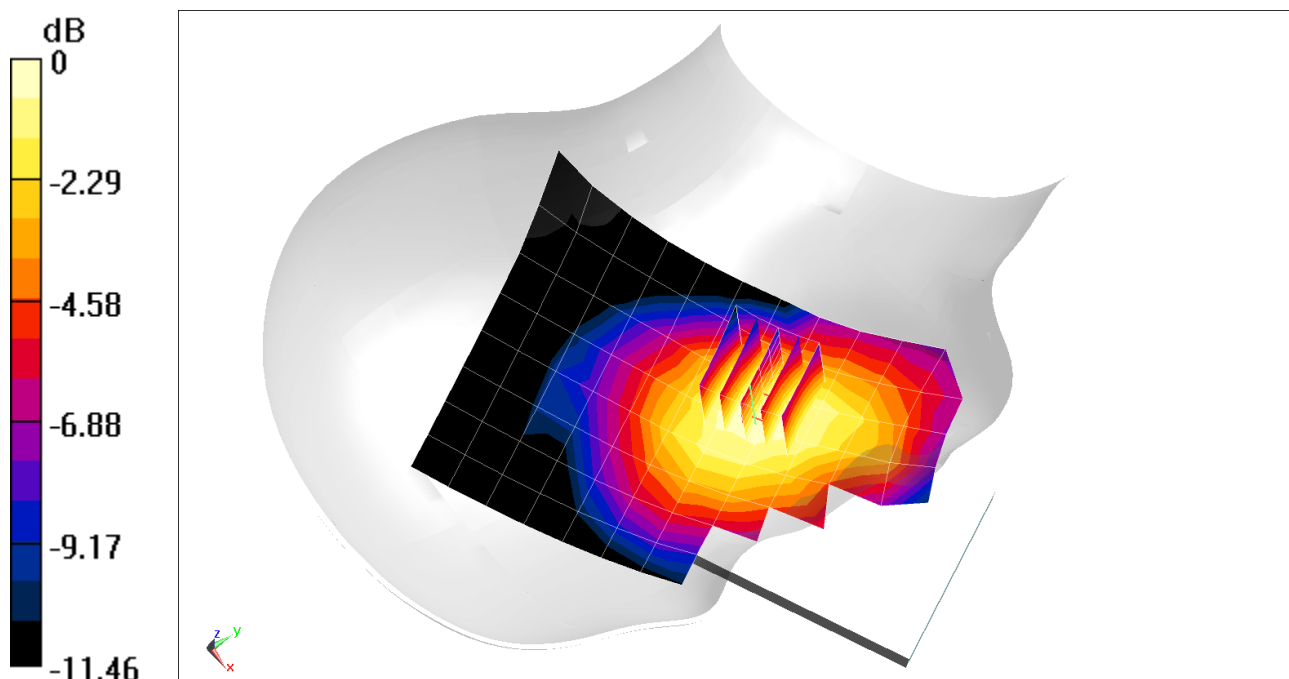
Area Scan (9x13x1): Measurement grid: dx=15mm, dy=15mm

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

Reference Value = 11.71 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 0.162 W/kg

SAR(1 g) = 0.125 W/kg



0 dB = 0.148 W/kg = -8.30 dBW/kg

PCTEST

DUT: A3LSMG996U; Type: Portable Handset; Serial: 0526M

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

Medium: 1900 Head; Medium parameters used:

$f = 1880 \text{ MHz}$; $\sigma = 1.387 \text{ S/m}$; $\epsilon_r = 40.381$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Left Section

Test Date: 10/05/2020; Ambient Temp: 24.8°C; Tissue Temp: 22.7°C

Probe: EX3DV4 - SN7406; ConvF(7.96, 7.96, 7.96) @ 1880 MHz; Calibrated: 6/23/2020

Sensor-Surface: 1.4mm (Mechanical Surface Detection)

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

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

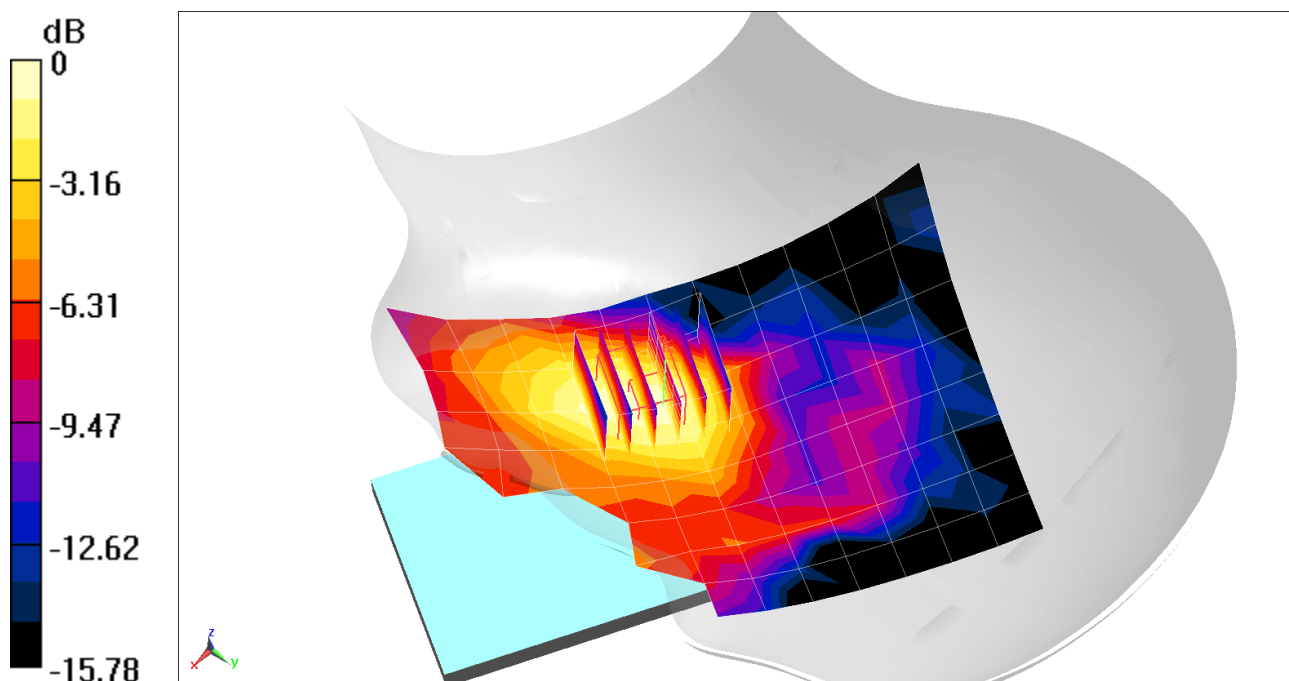
Area Scan (9x15x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Reference Value = 6.997 V/m; Power Drift = 0.13 dB

Peak SAR (extrapolated) = 0.0940 W/kg

SAR(1 g) = 0.064 W/kg



0 dB = 0.0805 W/kg = -10.94 dBW/kg

PCTEST

DUT: A3LSMG996U; Type: Portable Handset; Serial: 0511M

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

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

$f = 836.6 \text{ MHz}$; $\sigma = 0.946 \text{ S/m}$; $\epsilon_r = 42.968$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Right Section

Test Date: 10/02/2020; Ambient Temp: 22.9°C; Tissue Temp: 21.8°C

Probe: EX3DV4 - SN7406; ConvF(9.61, 9.61, 9.61) @ 836.6 MHz; Calibrated: 6/23/2020

Sensor-Surface: 1.4mm (Mechanical Surface Detection)

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

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

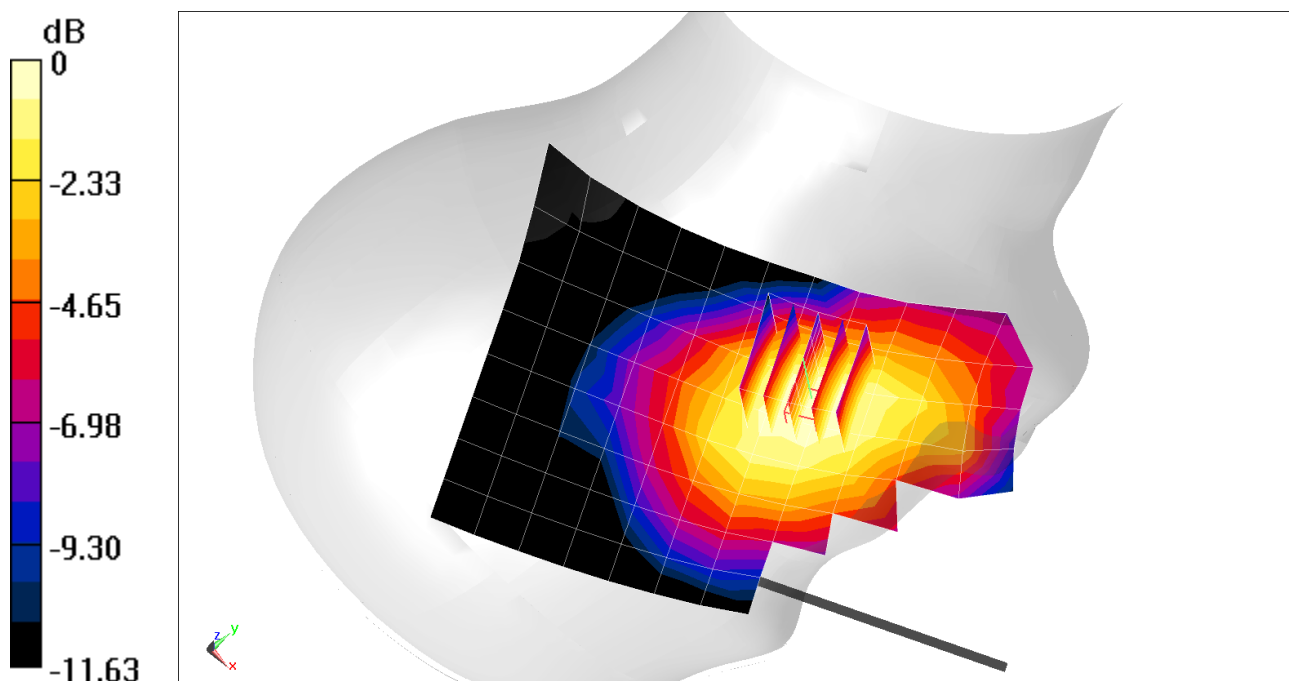
Area Scan (9x13x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Reference Value = 13.95 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 0.227 W/kg

SAR(1 g) = 0.176 W/kg



0 dB = 0.208 W/kg = -6.82 dBW/kg

PCTEST

DUT: A3LSMG996U; Type: Portable Handset; Serial: 0526M

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

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

$f = 1732.4$ MHz; $\sigma = 1.36$ S/m; $\epsilon_r = 39.984$; $\rho = 1000$ kg/m³

Phantom section: Left Section

Test Date: 10/12/2020; Ambient Temp: 22.9°C; Tissue Temp: 22.8°C

Probe: EX3DV4 - SN7406; ConvF(8.32, 8.32, 8.32) @ 1732.4 MHz; Calibrated: 6/23/2020

Sensor-Surface: 1.4mm (Mechanical Surface Detection)

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

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: UMTS 1750, Left Head, Cheek, Mid.ch

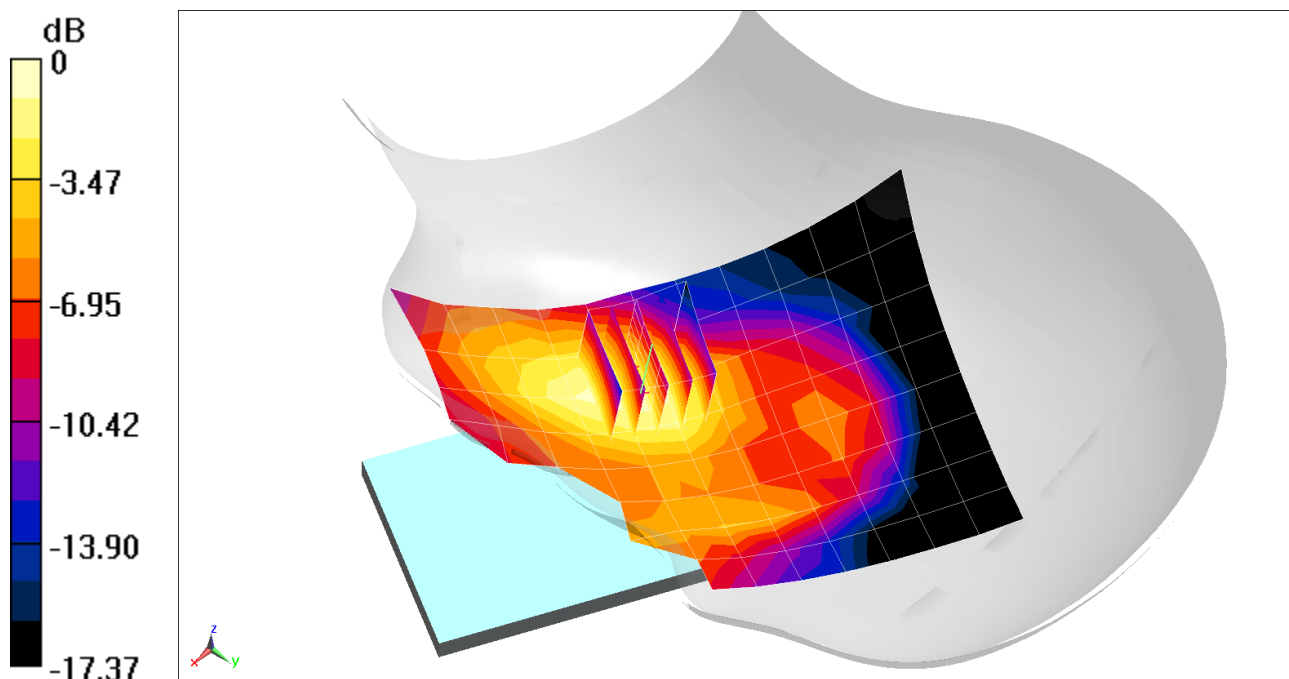
Area Scan (9x13x1): Measurement grid: dx=15mm, dy=15mm

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

Reference Value = 11.27 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 0.234 W/kg

SAR(1 g) = 0.155 W/kg



0 dB = 0.206 W/kg = -6.86 dBW/kg

PCTEST

DUT: A3LSMG996U; Type: Portable Handset; Serial: 0526M

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

Medium: 1900 Head; Medium parameters used:

$f = 1880 \text{ MHz}$; $\sigma = 1.387 \text{ S/m}$; $\epsilon_r = 40.381$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Left Section

Test Date: 10/05/2020; Ambient Temp: 24.8°C; Tissue Temp: 22.7°C

Probe: EX3DV4 - SN7406; ConvF(7.96, 7.96, 7.96) @ 1880 MHz; Calibrated: 6/23/2020

Sensor-Surface: 1.4mm (Mechanical Surface Detection)

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

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

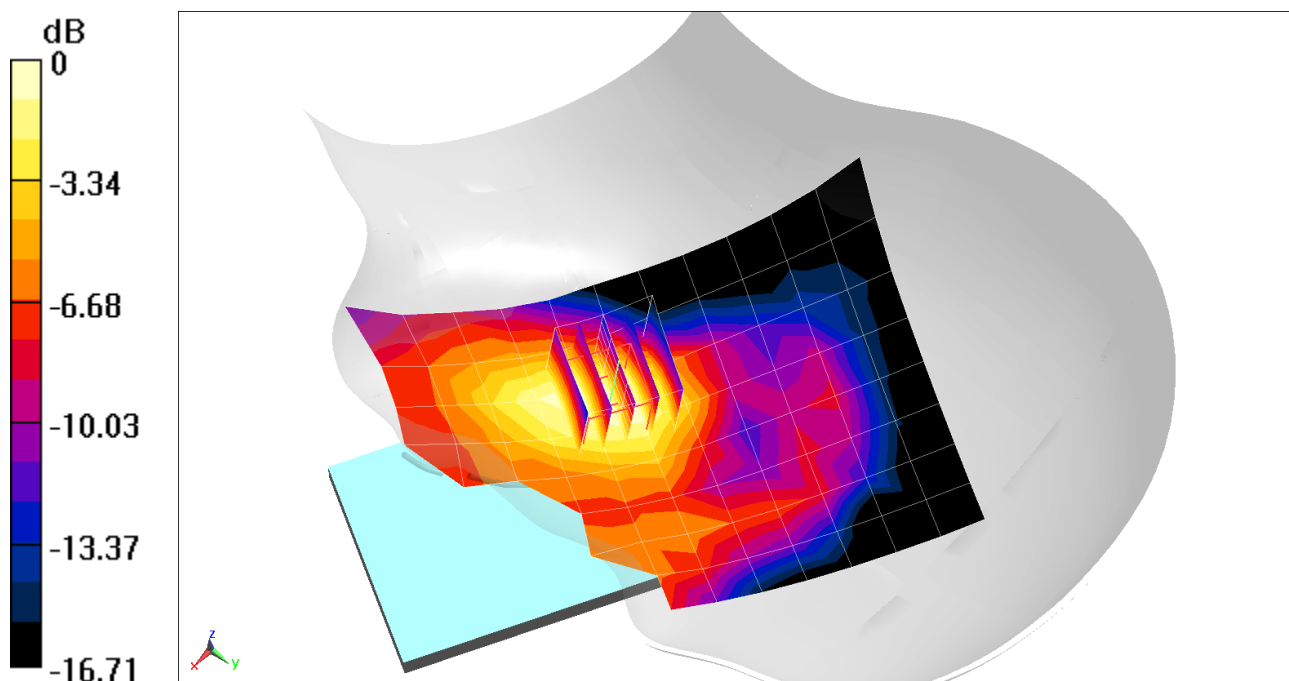
Area Scan (9x15x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Reference Value = 10.02 V/m; Power Drift = 0.10 dB

Peak SAR (extrapolated) = 0.195 W/kg

SAR(1 g) = 0.127 W/kg



0 dB = 0.169 W/kg = -7.72 dBW/kg

PCTEST

DUT: A3LSMG996U; Type: Portable Handset; Serial: 0554M

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

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

$f = 680.5 \text{ MHz}$; $\sigma = 0.879 \text{ S/m}$; $\epsilon_r = 41.136$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Right Section

Test Date: 11/03/2020; Ambient Temp: 23.1°C; Tissue Temp: 21.9°C

Probe: EX3DV4 - SN3589; ConvF(8.7, 8.7, 8.7) @ 680.5 MHz; Calibrated: 1/21/2020

Sensor-Surface: 1.4mm (Mechanical Surface Detection)

Electronics: DAE4 Sn1558; Calibrated: 1/13/2020

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

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

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

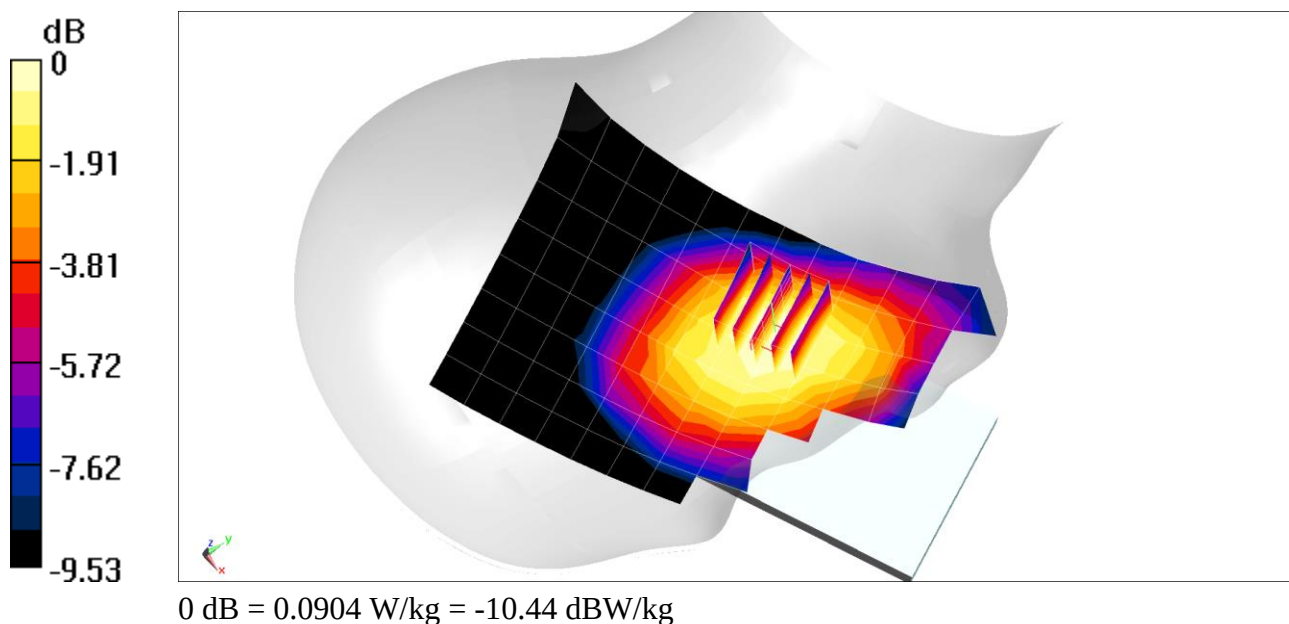
Area Scan (9x15x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Reference Value = 9.794 V/m; Power Drift = 0.14 dB

Peak SAR (extrapolated) = 0.0980 W/kg

SAR(1 g) = 0.077 W/kg



PCTEST

DUT: A3LSMG996U; Type: Portable Handset; Serial: 0509M

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

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

$f = 707.5 \text{ MHz}$; $\sigma = 0.9 \text{ S/m}$; $\epsilon_r = 43.943$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Right Section

Test Date: 09/25/2020; Ambient Temp: 22.9°C; Tissue Temp: 21.9°C

Probe: EX3DV4 - SN7406; ConvF(10.04, 10.04, 10.04) @ 707.5 MHz; Calibrated: 6/23/2020

Sensor-Surface: 1.4mm (Mechanical Surface Detection)

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

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

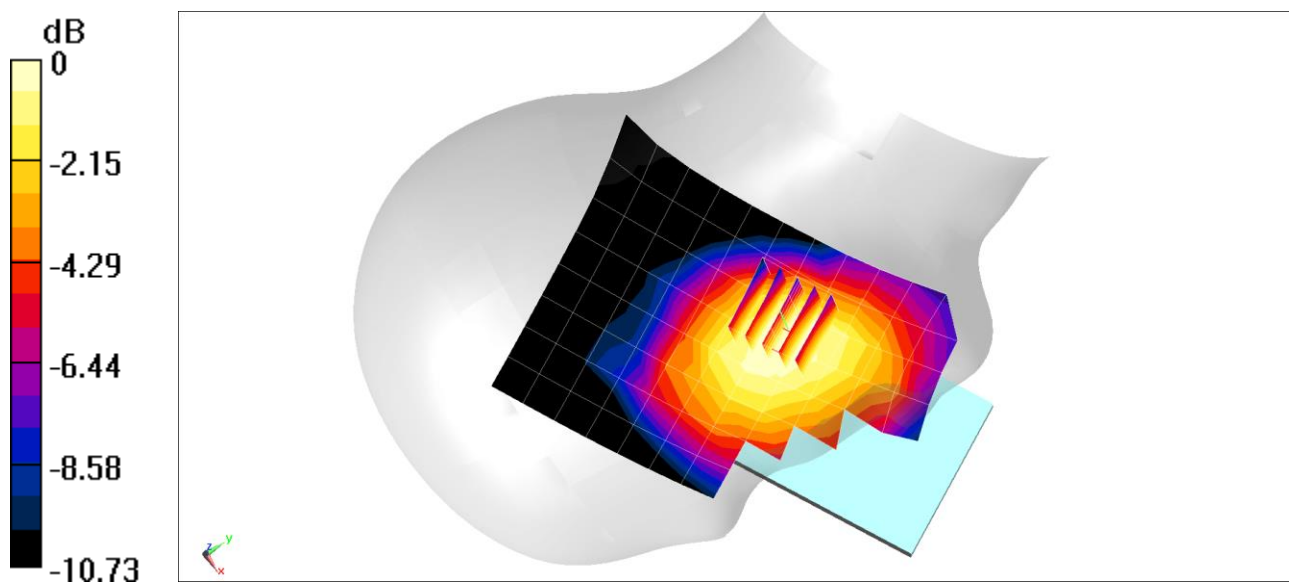
Area Scan (9x13x1): Measurement grid: dx=15mm, dy=15mm

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

Reference Value = 12.64 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 0.168 W/kg

SAR(1 g) = 0.133 W/kg



0 dB = 0.154 W/kg = -8.12 dBW/kg

PCTEST

DUT: A3LSMG996U; Type: Portable Handset; Serial: 0554M

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

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

$f = 782 \text{ MHz}$; $\sigma = 0.92 \text{ S/m}$; $\epsilon_r = 42.522$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Right Section

Test Date: 10/14/2020; Ambient Temp: 22.8°C; Tissue Temp: 21.9°C

Probe: EX3DV4 - SN7488; ConvF(10.64, 10.64, 10.64) @ 782 MHz; Calibrated: 1/21/2020

Sensor-Surface: 1.4mm (Mechanical Surface Detection)

Electronics: DAE4 Sn1530; Calibrated: 1/13/2020

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 13, Right Head, Cheek, Mid.ch
10 MHz Bandwidth, QPSK, 1 RB, 49 RB Offset

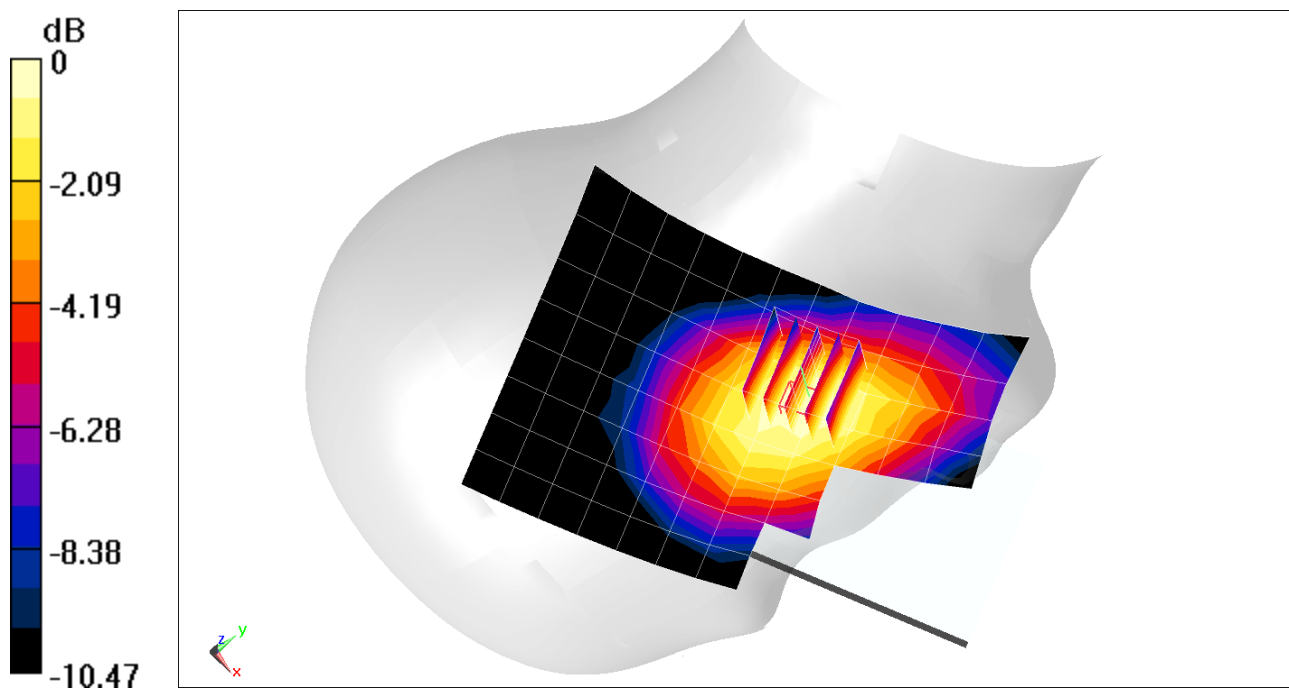
Area Scan (9x13x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Reference Value = 13.26 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 0.182 W/kg

SAR(1 g) = 0.142 W/kg



0 dB = 0.168 W/kg = -7.75 dBW/kg

PCTEST

DUT: A3LSMG996U; Type: Portable Handset; Serial: 0554M

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

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

$f = 793 \text{ MHz}$; $\sigma = 0.924 \text{ S/m}$; $\epsilon_r = 42.495$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Right Section

Test Date: 10/14/2020; Ambient Temp: 22.8°C; Tissue Temp: 21.9°C

Probe: EX3DV4 - SN7488; ConvF(10.64, 10.64, 10.64) @ 793 MHz; Calibrated: 1/21/2020

Sensor-Surface: 1.4mm (Mechanical Surface Detection)

Electronics: DAE4 Sn1530; Calibrated: 1/13/2020

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 14, Right Head, Cheek, Mid.ch
10 MHz Bandwidth, QPSK, 1 RB, 49 RB Offset

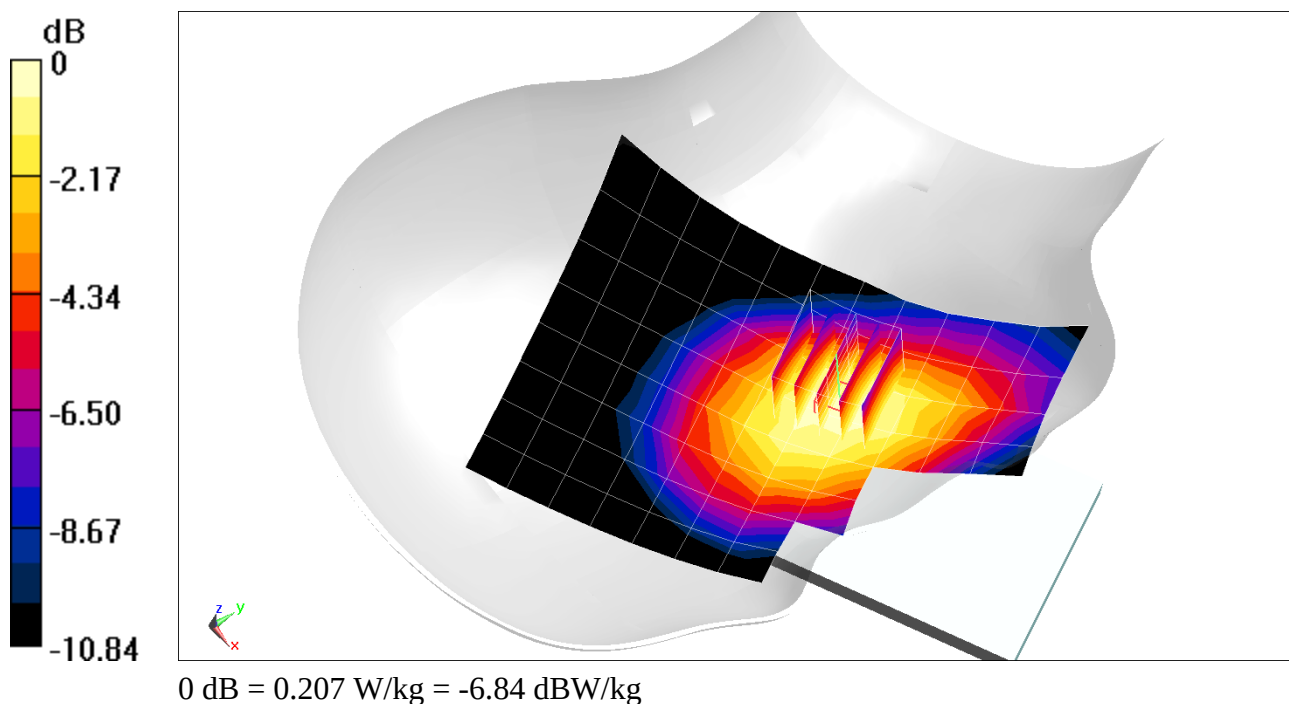
Area Scan (9x13x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Reference Value = 14.43 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.224 W/kg

SAR(1 g) = 0.173 W/kg



PCTEST

DUT: A3LSMG996U; Type: Portable Handset; Serial: 0427M

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; $\sigma = 0.924$ S/m; $\epsilon_r = 39.718$; $\rho = 1000$ kg/m³

Phantom section: Right Section

Test Date: 10/06/2020; Ambient Temp: 22.9°C; Tissue Temp: 21.8°C

Probe: EX3DV4 - SN3589; ConvF(8.58, 8.58, 8.58) @ 836.5 MHz; Calibrated: 1/21/2020

Sensor-Surface: 1.4mm (Mechanical Surface Detection)

Electronics: DAE4 Sn1558; Calibrated: 1/13/2020

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

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

Mode: LTE Band 5 (Cell.), Right Head, Cheek, Mid.ch
10 MHz Bandwidth, QPSK, 1 RB, 25 RB Offset

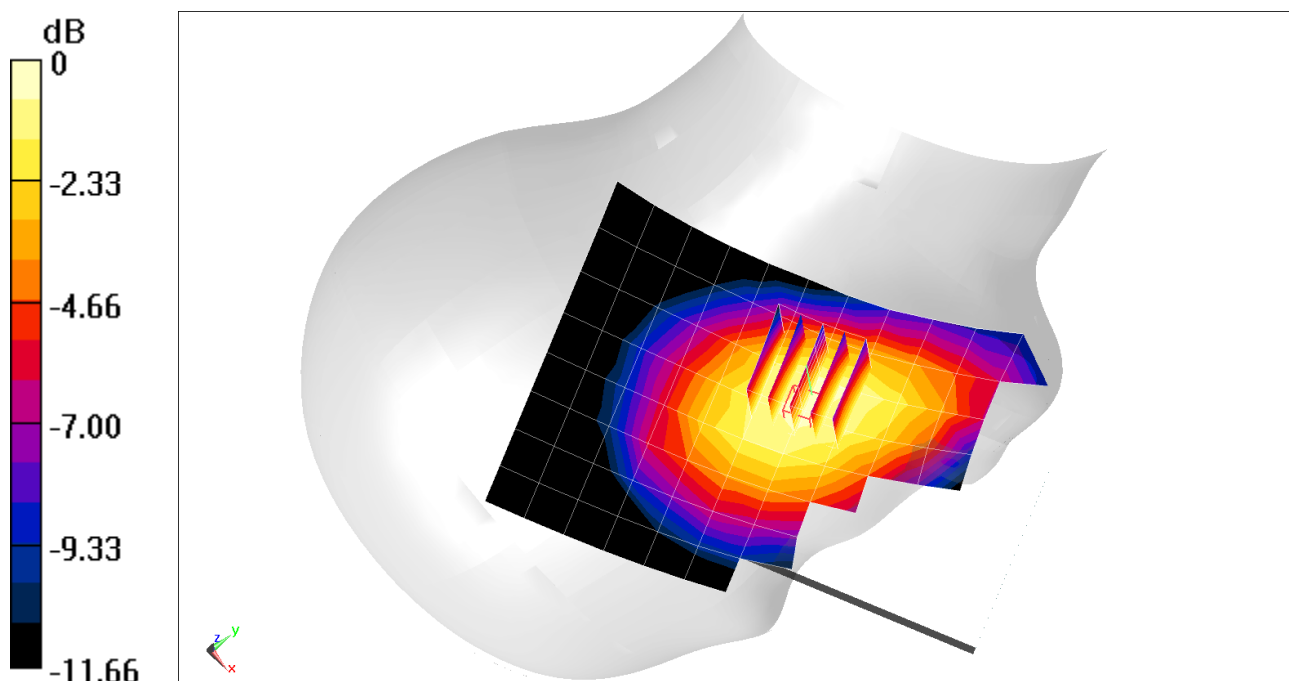
Area Scan (9x14x1): Measurement grid: dx=15mm, dy=15mm

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

Reference Value = 13.97 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 0.231 W/kg

SAR(1 g) = 0.171 W/kg



0 dB = 0.206 W/kg = -6.86 dBW/kg

PCTEST

DUT: A3LSMG996U; Type: Portable Handset; Serial: 0554M

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; $\sigma = 0.923$ S/m; $\epsilon_r = 39.732$; $\rho = 1000$ kg/m³

Phantom section: Right Section

Test Date: 10/06/2020; Ambient Temp: 22.9°C; Tissue Temp: 21.8°C

Probe: EX3DV4 - SN3589; ConvF(8.58, 8.58, 8.58) @ 831.5 MHz; Calibrated: 1/21/2020

Sensor-Surface: 1.4mm (Mechanical Surface Detection)

Electronics: DAE4 Sn1558; Calibrated: 1/13/2020

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

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

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

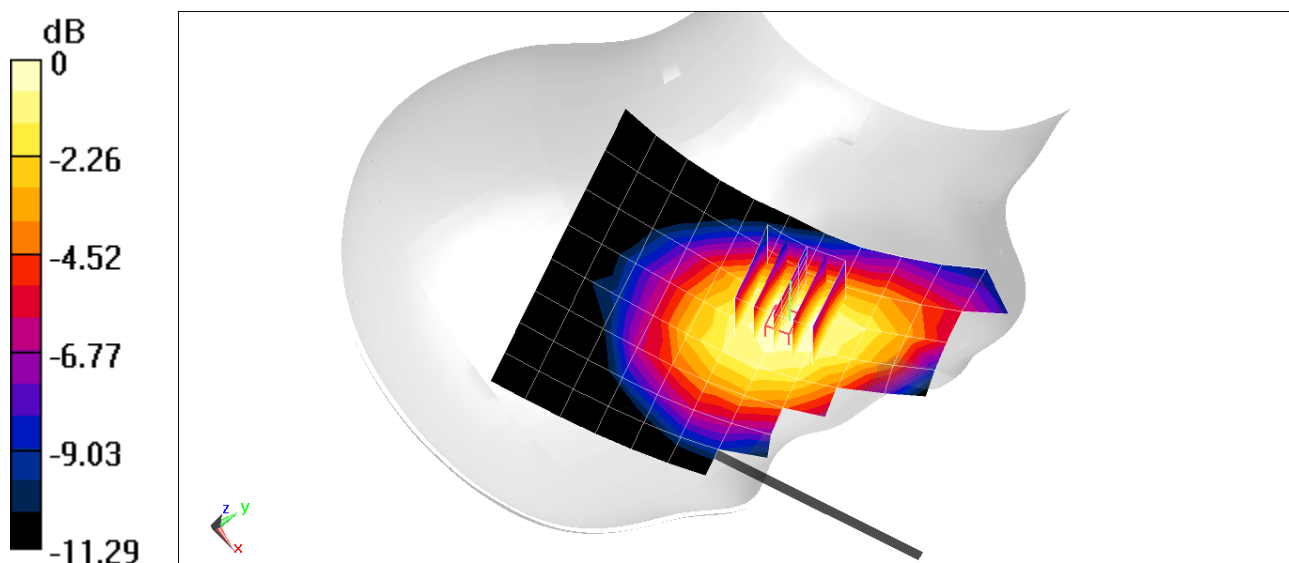
Area Scan (9x14x1): Measurement grid: dx=15mm, dy=15mm

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

Reference Value = 14.89 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 0.241 W/kg

SAR(1 g) = 0.181 W/kg



0 dB = 0.218 W/kg = -6.62 dBW/kg

PCTEST

DUT: A3LSMG996U; Type: Portable Handset; Serial: 0421M

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

Medium: 1750 Head; Medium parameters used:

$f = 1720 \text{ MHz}$; $\sigma = 1.346 \text{ S/m}$; $\epsilon_r = 40.04$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Left Section

Test Date: 10/12/2020; Ambient Temp: 22.9°C; Tissue Temp: 22.8°C

Probe: EX3DV4 - SN7406; ConvF(8.32, 8.32, 8.32) @ 1720 MHz; Calibrated: 6/23/2020

Sensor-Surface: 1.4mm (Mechanical Surface Detection)

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

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: LTE Band 66 (AWS), CA _66C ULCA, Left Head, Cheek
PCC: Ch. 132072, 20 MHz Bandwidth, QPSK, 1 RB, 99 RB Offset
SCC: Ch. 132270, 20 MHz Bandwidth, QPSK, 1 RB, 0 RB Offset

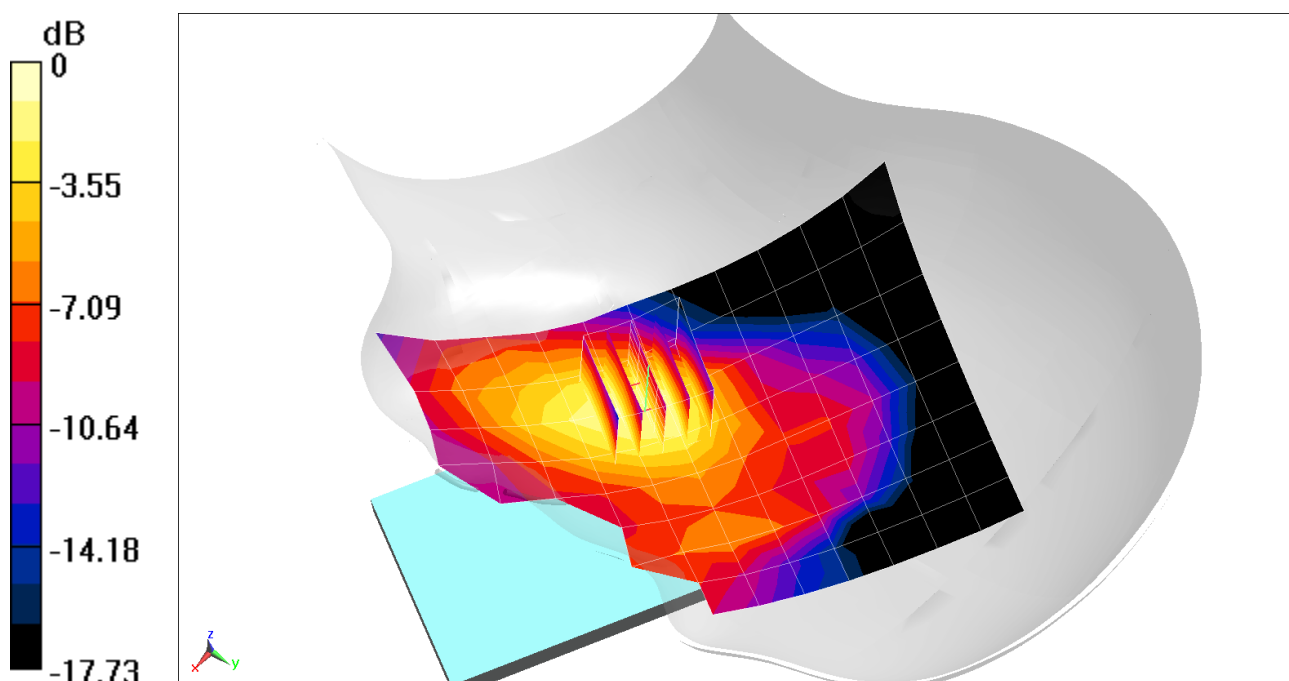
Area Scan (9x13x1): Measurement grid: dx=15mm, dy=15mm

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

Reference Value = 13.93 V/m; Power Drift = 0.19 dB

Peak SAR (extrapolated) = 0.344 W/kg

SAR(1 g) = 0.229 W/kg



0 dB = 0.303 W/kg = -5.19 dBW/kg

PCTEST

DUT: A3LSMG996U; Type: Portable Handset; Serial: 0520M

Communication System: UID 0, LTE Band 25 (PCS); Frequency: 1860 MHz; Duty Cycle: 1:1

Medium: 1900 Head; Medium parameters used:

$f = 1860$ MHz; $\sigma = 1.371$ S/m; $\epsilon_r = 39.841$; $\rho = 1000$ kg/m³

Phantom section: Left Section

Test Date: 10/19/2020; Ambient Temp: 20.7°C; Tissue Temp: 22.8°C

Probe: EX3DV4 - SN7406; ConvF(7.96, 7.96, 7.96) @ 1860 MHz; Calibrated: 6/23/2020

Sensor-Surface: 1.4mm (Mechanical Surface Detection)

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

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: LTE Band 25 (PCS), Left Head, Cheek, Low.ch
20 MHz Bandwidth, QPSK, 1 RB, 0 RB Offset

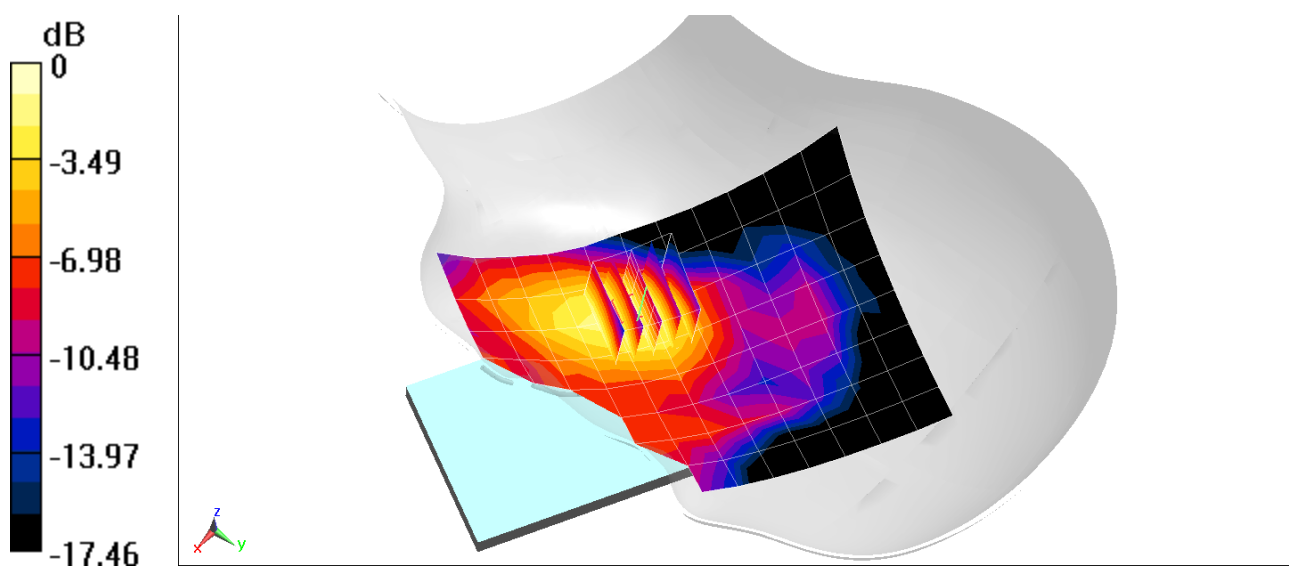
Area Scan (9x13x1): Measurement grid: dx=15mm, dy=15mm

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

Reference Value = 11.40 V/m; Power Drift = -0.18 dB

Peak SAR (extrapolated) = 0.220 W/kg

SAR(1 g) = 0.145 W/kg



0 dB = 0.187 W/kg = -7.28 dBW/kg

PCTEST

DUT: A3LSMG996U; Type: Portable Handset; Serial: 0560M

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

Medium: 2450 Head; Medium parameters used:

$f = 2310$ MHz; $\sigma = 1.681$ S/m; $\epsilon_r = 40.386$; $\rho = 1000$ kg/m³

Phantom section: Left Section

Test Date: 09/16/2020; Ambient Temp: 23.7°C; Tissue Temp: 23.3°C

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

Sensor-Surface: 1.4mm (Mechanical Surface Detection)

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

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

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

Mode: LTE Band 30, Left Head, Cheek, Mid.ch
10 MHz Bandwidth, QPSK, 1 RB, 25 RB Offset

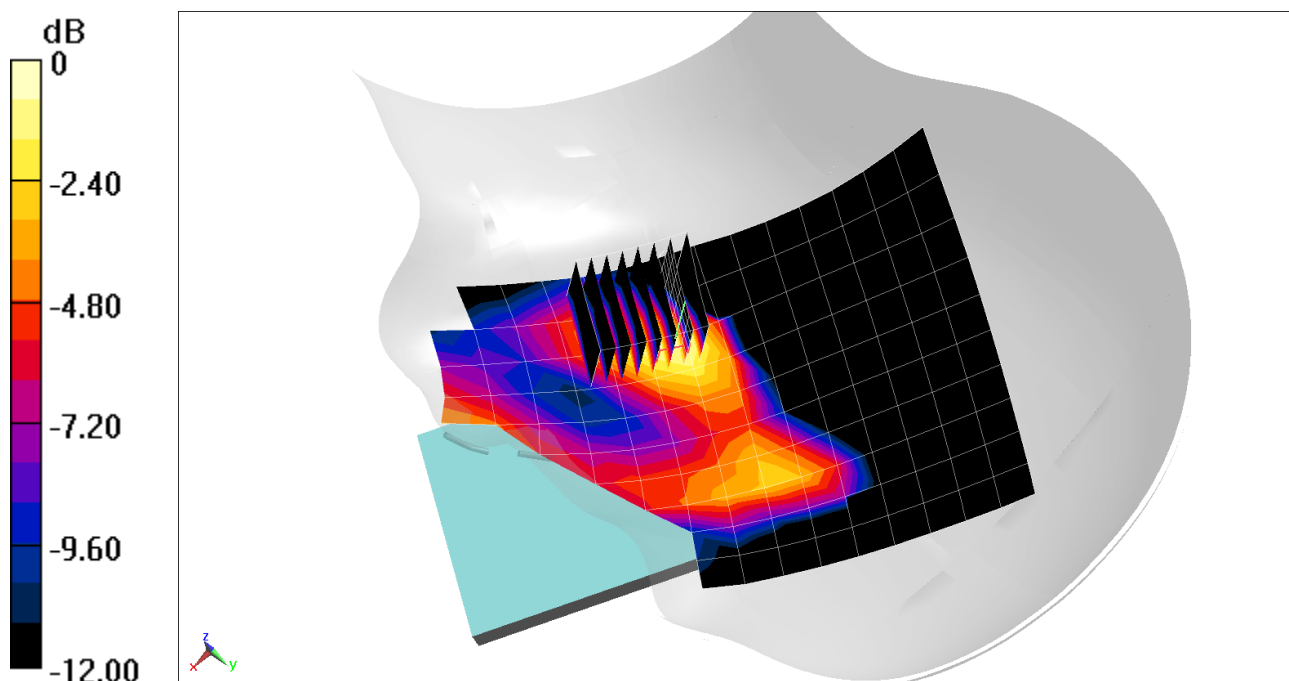
Area Scan (11x16x1): Measurement grid: dx=12mm, dy=12mm

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

Reference Value = 4.902 V/m; Power Drift = 0.17 dB

Peak SAR (extrapolated) = 0.0790 W/kg

SAR(1 g) = 0.042 W/kg



0 dB = 0.0641 W/kg = -11.93 dBW/kg

PCTEST

DUT: A3LSMG996U; Type: Portable Handset; Serial: 0579M

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

Medium: 2450 Head; Medium parameters used:

$f = 2535 \text{ MHz}$; $\sigma = 1.896 \text{ S/m}$; $\epsilon_r = 38.197$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Left Section

Test Date: 10/02/2020; Ambient Temp: 23.1°C; Tissue Temp: 22.9°C

Probe: EX3DV4 - SN3589; ConvF(6.6, 6.6, 6.6) @ 2535 MHz; Calibrated: 1/21/2020

Sensor-Surface: 1.4mm (Mechanical Surface Detection)

Electronics: DAE4 Sn1558; Calibrated: 1/13/2020

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

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

Mode: LTE Band 7, Left Head, Cheek, Mid.ch, QPSK
20 MHz Bandwidth, 1 RB, 99 RB Offset

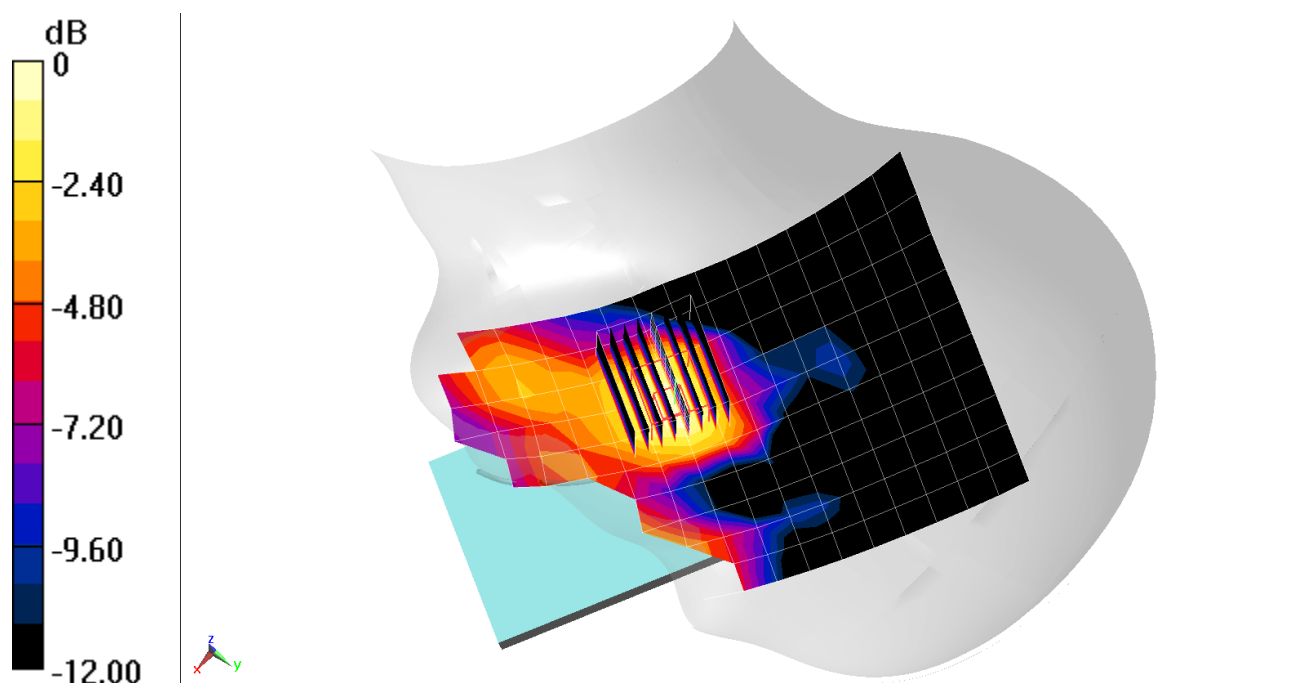
Area Scan (11x18x1): Measurement grid: $dx=12\text{mm}$, $dy=12\text{mm}$

Zoom Scan (9x8x7)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

Reference Value = 5.743 V/m; Power Drift = 0.13 dB

Peak SAR (extrapolated) = 0.103 W/kg

SAR(1 g) = 0.057 W/kg



0 dB = 0.0845 W/kg = -10.73 dBW/kg

PCTEST

DUT: A3LSMG996U; Type: Portable Handset; Serial: 0414M

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

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

$f = 2593$ MHz; $\sigma = 1.963$ S/m; $\epsilon_r = 37.768$; $\rho = 1000$ kg/m³

Phantom section: Right Section

Test Date: 10/14/2020; Ambient Temp: 24.3°C; Tissue Temp: 22.4°C

Probe: EX3DV4 - SN3589; ConvF(6.6, 6.6, 6.6) @ 2593 MHz; Calibrated: 1/21/2020

Sensor-Surface: 1.4mm (Mechanical Surface Detection)

Electronics: DAE4 Sn1558; Calibrated: 1/13/2020

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

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

Mode: LTE Band 41 PC2, Right Head, Tilt, Mid.ch
20 MHz Bandwidth, QPSK, 1 RB, 50 RB Offset

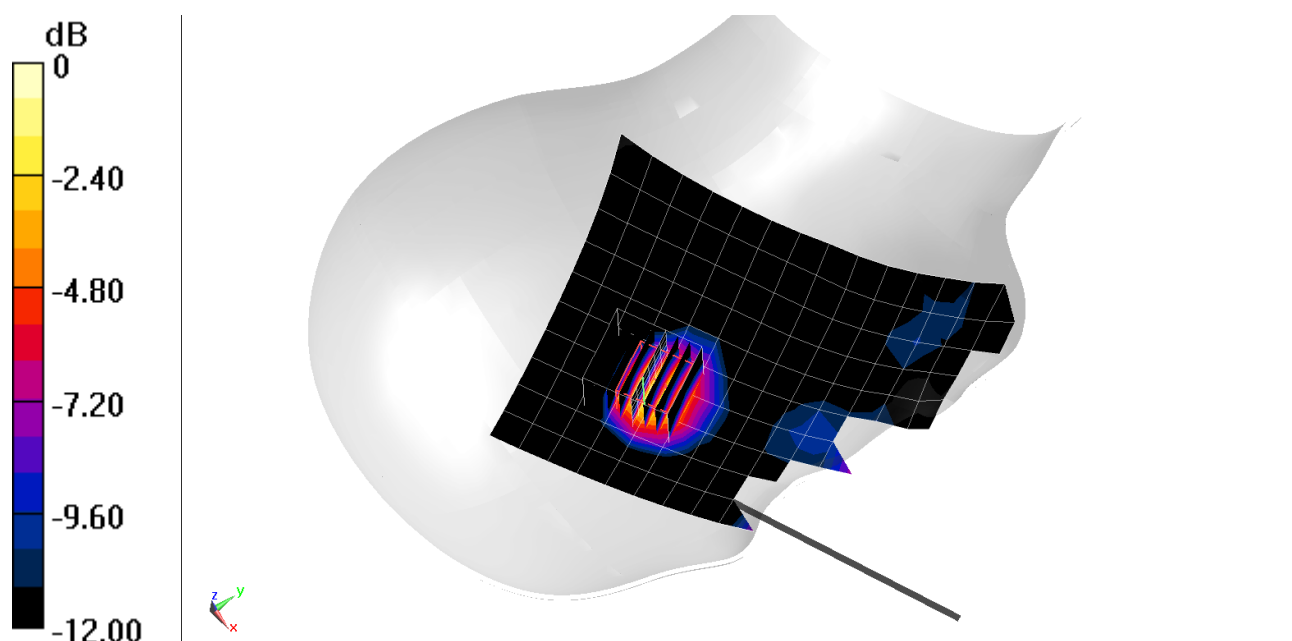
Area Scan (11x17x1): Measurement grid: dx=12mm, dy=12mm

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

Reference Value = 7.132 V/m; Power Drift = 0.19 dB

Peak SAR (extrapolated) = 0.193 W/kg

SAR(1 g) = 0.086 W/kg



0 dB = 0.131 W/kg = -8.83 dBW/kg

PCTEST

DUT: A3LSMG996U; Type: Portable Handset; Serial: 0764M

Communication System: UID 0, LTE Band 48; Frequency: 3560 MHz; Duty Cycle: 1:1.58

Medium: 3600 Head; Medium parameters used:

$f = 3560$ MHz; $\sigma = 2.864$ S/m; $\epsilon_r = 39.09$; $\rho = 1000$ kg/m³

Phantom section: Right Section

Test Date: 11/12/2020; Ambient Temp: 21.3°C; Tissue Temp: 21.4°C

Probe: EX3DV4 - SN7539; ConvF(6.76, 6.76, 6.76) @ 3560 MHz; Calibrated: 10/20/2020

Sensor-Surface: 1.4mm (Mechanical Surface Detection)

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

Phantom: Twin-SAM V8.0 (20); Type: QD 000 P41 Ax; Serial: 1966

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

Mode: LTE Band 48, ULCA, Right Head, Cheek

PCC: Ch. 55340, 20 MHz Bandwidth, QPSK, 50 RB, 50 RB Offset

SCC: Ch. 55538, 20 MHz Bandwidth, QPSK, 50 RB 0 RB Offset

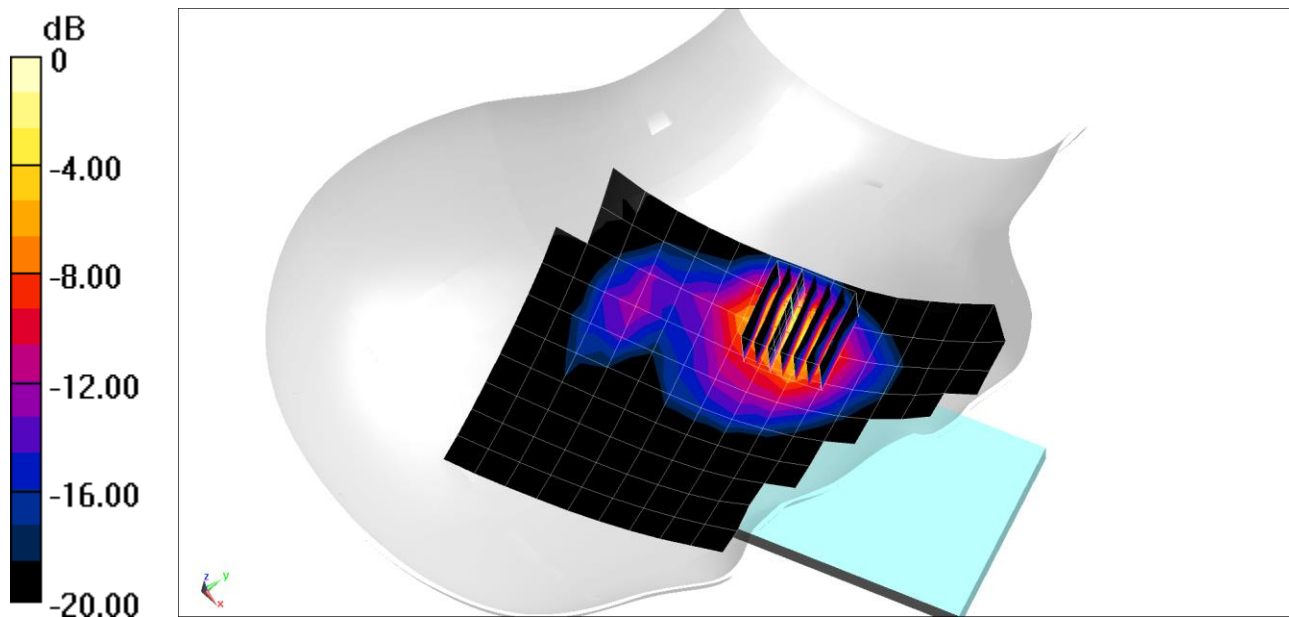
Area Scan (11x16x1): Measurement grid: dx=12mm, dy=12mm

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

Reference Value = 13.69 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 13.7 W/kg

SAR(1 g) = 0.452 W/kg



0 dB = 0.956 W/kg = -0.20 dBW/kg

PCTEST

DUT: A3LSMG996U; Type: Portable Handset; Serial: 0413M

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

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

$f = 680.5 \text{ MHz}$; $\sigma = 0.879 \text{ S/m}$; $\epsilon_r = 41.136$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Left Section

Test Date: 11/03/2020; Ambient Temp: 23.1°C; Tissue Temp: 21.9°C

Probe: EX3DV4 - SN3589; ConvF(8.7, 8.7, 8.7) @ 680.5 MHz; Calibrated: 1/21/2020

Sensor-Surface: 1.4mm (Mechanical Surface Detection)

Electronics: DAE4 Sn1558; Calibrated: 1/13/2020

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

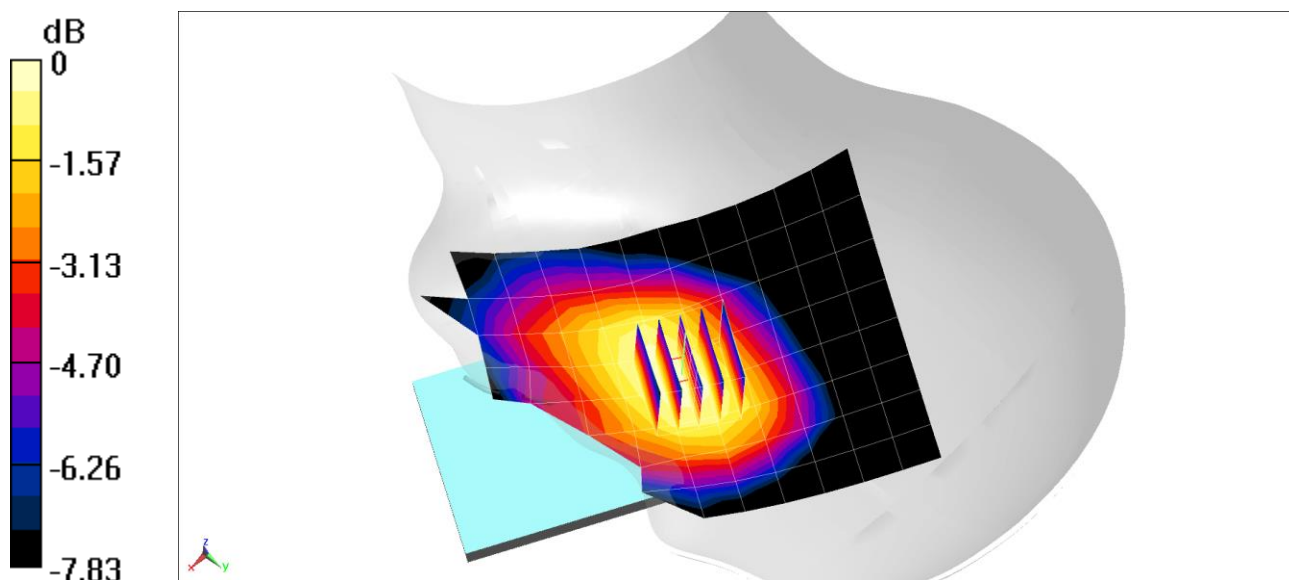
Area Scan (9x14x1): Measurement grid: dx=15mm, dy=15mm

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

Reference Value = 9.883 V/m; Power Drift = 0.12 dB

Peak SAR (extrapolated) = 0.101 W/kg

SAR(1 g) = 0.078 W/kg



0 dB = 0.0926 W/kg = -10.33 dBW/kg

PCTEST

DUT: A3LSMG996U; Type: Portable Handset; Serial: 0406M

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

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

$f = 707.5 \text{ MHz}$; $\sigma = 0.889 \text{ S/m}$; $\epsilon_r = 41.059$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Right Section

Test Date: 11/03/2020; Ambient Temp: 23.1°C; Tissue Temp: 21.9°C

Probe: EX3DV4 - SN3589; ConvF(8.7, 8.7, 8.7) @ 707.5 MHz; Calibrated: 1/21/2020

Sensor-Surface: 1.4mm (Mechanical Surface Detection)

Electronics: DAE4 Sn1558; Calibrated: 1/13/2020

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

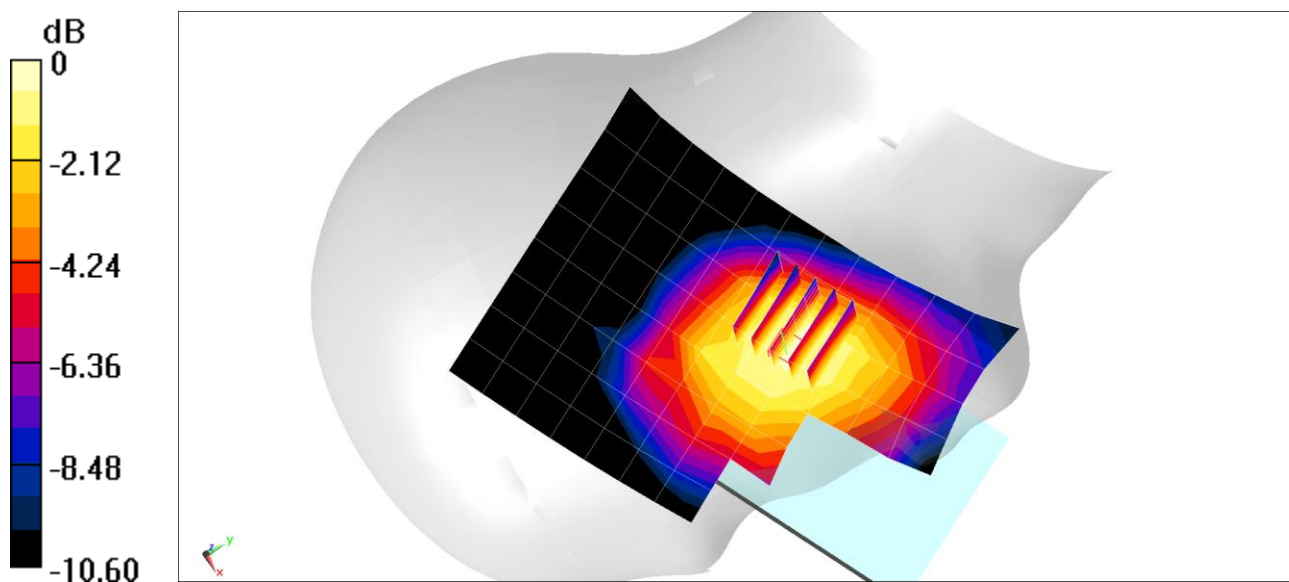
Area Scan (9x13x1): Measurement grid: dx=15mm, dy=15mm

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

Reference Value = 11.34 V/m; Power Drift = 0.00 dB

Peak SAR (extrapolated) = 0.133 W/kg

SAR(1 g) = 0.103 W/kg



0 dB = 0.122 W/kg = -9.14 dBW/kg

PCTEST

DUT: A3LSMG996U; Type: Portable Handset; Serial: 0407M

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

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

$f = 836.5 \text{ MHz}$; $\sigma = 0.924 \text{ S/m}$; $\epsilon_r = 39.718$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Left Section

Test Date: 10/06/2020; Ambient Temp: 22.9°C; Tissue Temp: 21.8°C

Probe: EX3DV4 - SN3589; ConvF(8.58, 8.58, 8.58) @ 836.5 MHz; Calibrated: 1/21/2020

Sensor-Surface: 1.4mm (Mechanical Surface Detection)

Electronics: DAE4 Sn1558; Calibrated: 1/13/2020

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: NR Band n5, Left Head, Cheek, 20 MHz Bandwidth

DFT-s-OFDM QPSK, Ch. 167300, 50 RB, 28 RB Offset

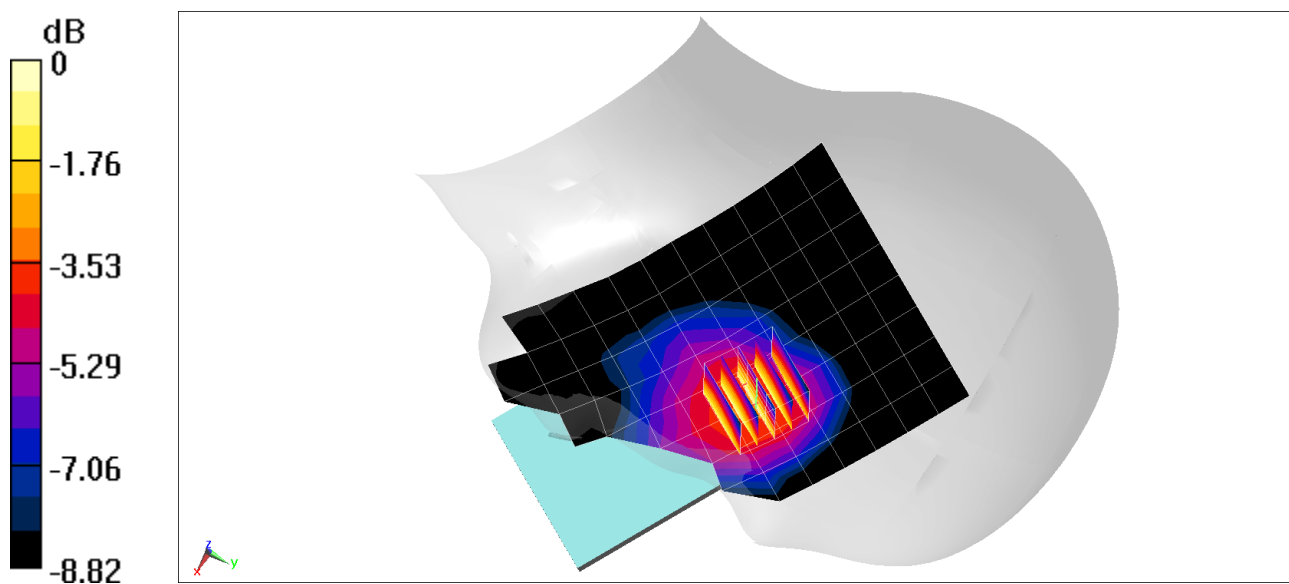
Area Scan (9x14x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Reference Value = 13.16 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 0.193 W/kg

SAR(1 g) = 0.146 W/kg



0 dB = 0.176 W/kg = -7.54 dBW/kg

PCTEST

DUT: A3LSMG996U; Type: Portable Handset; Serial: 0247M

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

Medium: 1750 Head; Medium parameters used:

$f = 1745 \text{ MHz}$; $\sigma = 1.345 \text{ S/m}$; $\epsilon_r = 40.036$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Left Section

Test Date: 10/14/2020; Ambient Temp: 22.1°C; Tissue Temp: 24.5°C

Probe: EX3DV4 - SN7406; ConvF(8.32, 8.32, 8.32) @ 1745 MHz; Calibrated: 6/23/2020

Sensor-Surface: 1.4mm (Mechanical Surface Detection)

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

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: NR Band n66, Antenna I, Left Head, Tilt, 40 MHz Bandwidth
DFT-s-OFDM QPSK, Ch. 349000, 1 RB, 108 RB Offset**

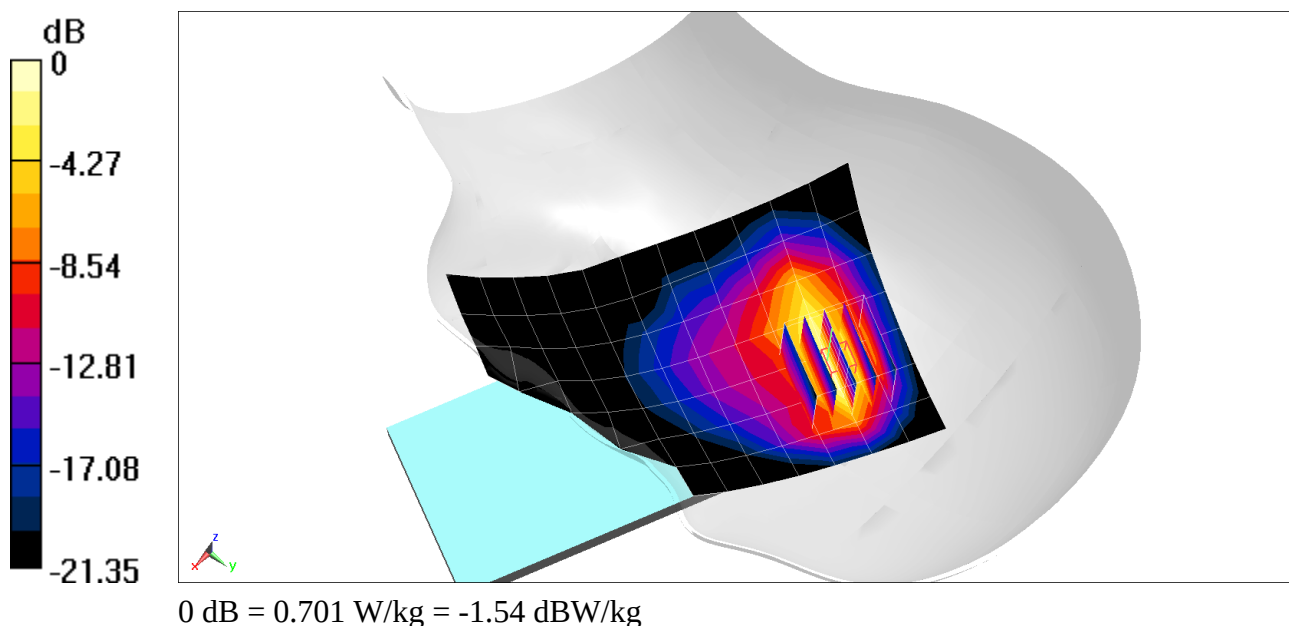
Area Scan (8x13x1): Measurement grid: dx=15mm, dy=15mm

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

Reference Value = 18.82 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 0.916 W/kg

SAR(1 g) = 0.404 W/kg



PCTEST

DUT: A3LSMG996U; Type: Portable Handset; Serial: 0303M

Communication System: UID 0, NR Band n25; Frequency: 1882.5 MHz; Duty Cycle: 1:1
Medium: 1900 Head; Medium parameters used (interpolated):
 $f = 1882.5 \text{ MHz}$; $\sigma = 1.395 \text{ S/m}$; $\epsilon_r = 39.748$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Left Section

Test Date: 10/19/2020; Ambient Temp: 20.7°C; Tissue Temp: 22.8°C

Probe: EX3DV4 - SN7406; ConvF(7.96, 7.96, 7.96) @ 1882.5 MHz; Calibrated: 6/23/2020
Sensor-Surface: 1.4mm (Mechanical Surface Detection)
Electronics: DAE4 Sn1583; Calibrated: 5/14/2020
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: NR Band n25, Antenna I, Left Head, Cheek, 40 MHz Bandwidth
CP-OFDM QPSK, Ch. 376500, 1 RB, 1 RB Offset**

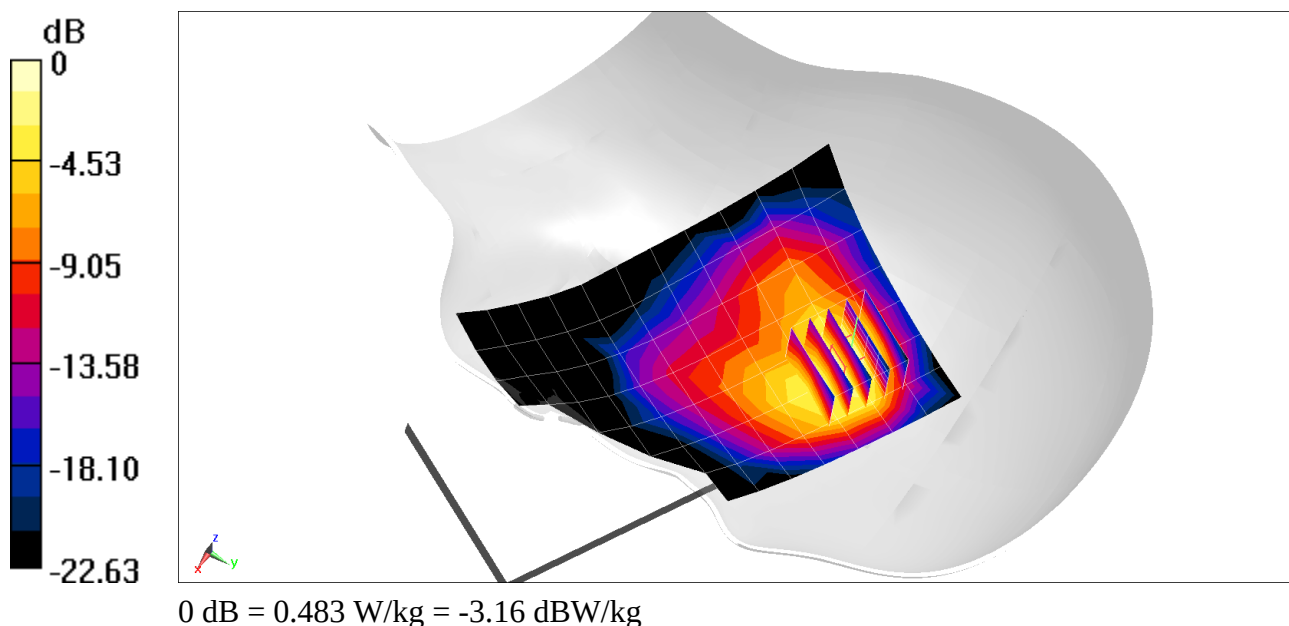
Area Scan (8x13x1): Measurement grid: dx=15mm, dy=15mm

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

Reference Value = 15.42 V/m; Power Drift = 0.09 dB

Peak SAR (extrapolated) = 0.691 W/kg

SAR(1 g) = 0.315 W/kg



PCTEST

DUT: A3LSMG996U; Type: Portable Handset; Serial: 0419M

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

Medium: 2450 Head; Medium parameters used:

$f = 2310$ MHz; $\sigma = 1.736$ S/m; $\epsilon_r = 38.075$; $\rho = 1000$ kg/m³

Phantom section: Left Section

Test Date: 10/25/2020; Ambient Temp: 23.2°C; Tissue Temp: 24.0°C

Probe: EX3DV4 - SN3589; ConvF(7.11, 7.11, 7.11) @ 2310 MHz; Calibrated: 1/21/2020

Sensor-Surface: 1.4mm (Mechanical Surface Detection)

Electronics: DAE4 Sn1558; Calibrated: 1/13/2020

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

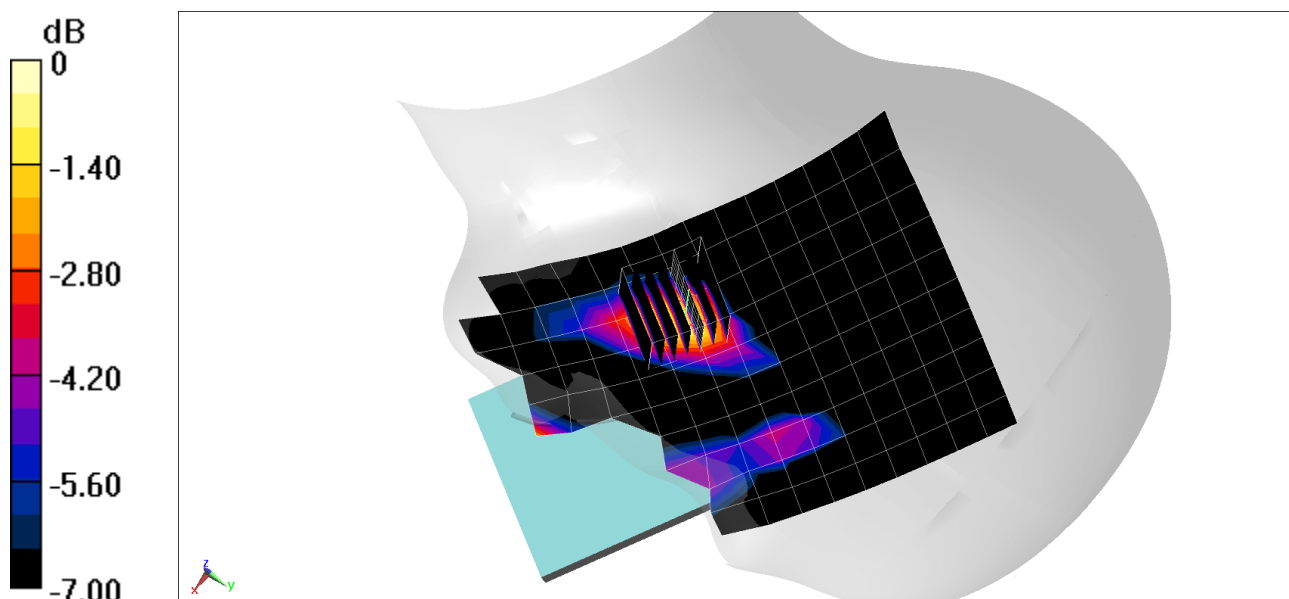
Area Scan (11x18x1): Measurement grid: dx=12mm, dy=12mm

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

Reference Value = 5.272 V/m; Power Drift = 0.10 dB

Peak SAR (extrapolated) = 0.0660 W/kg

SAR(1 g) = 0.035 W/kg



0 dB = 0.0546 W/kg = -12.63 dBW/kg

PCTEST

DUT: A3LSMG996U; Type: Portable Handset; Serial: 0289M

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; $\sigma = 1.963$ S/m; $\epsilon_r = 37.768$; $\rho = 1000$ kg/m³

Phantom section: Left Section

Test Date: 10/14/2020; Ambient Temp: 24.3°C; Tissue Temp: 22.4°C

Probe: EX3DV4 - SN3589; ConvF(6.6, 6.6, 6.6) @ 2592.99 MHz; Calibrated: 1/21/2020

Sensor-Surface: 1.4mm (Mechanical Surface Detection)

Electronics: DAE4 Sn1558; Calibrated: 1/13/2020

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: NR Band n41, Antenna I, Left Head, Tilt, 100 MHz Bandwidth
DFT-s-OFDM QPSK, Ch. 518598, 135 RB, 0 RB Offset**

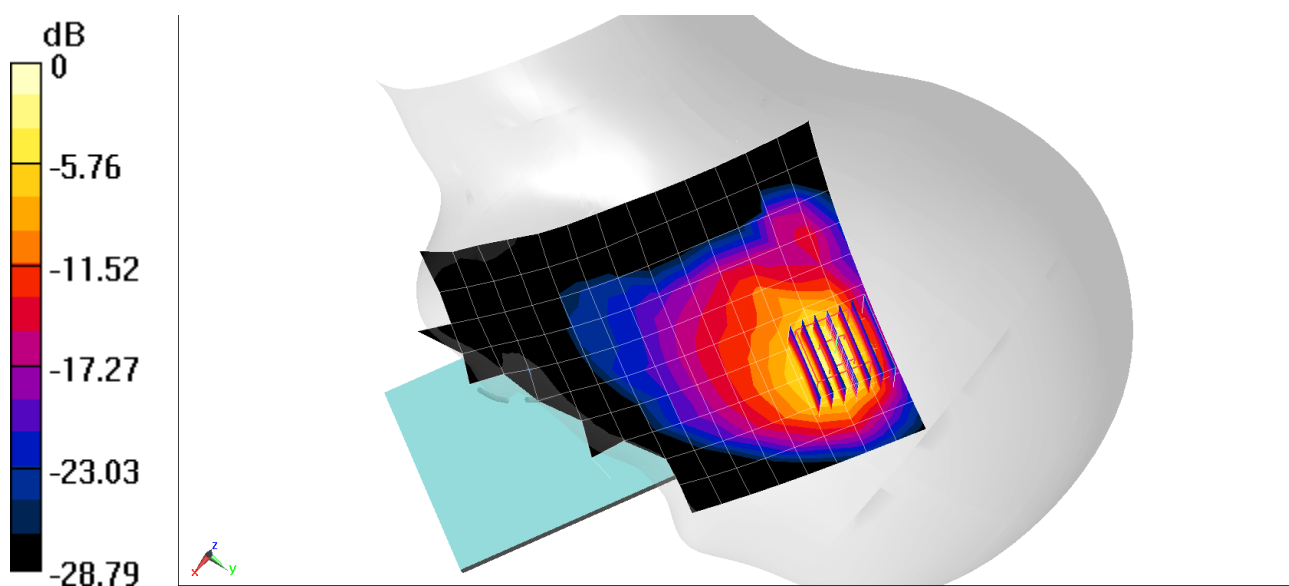
Area Scan (11x17x1): Measurement grid: dx=12mm, dy=12mm

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

Reference Value = 19.22 V/m; Power Drift = 0.10 dB

Peak SAR (extrapolated) = 1.61 W/kg

SAR(1 g) = 0.548 W/kg



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

PCTEST

DUT: A3LSMG996U; Type: Portable Handset; Serial: 0870M

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

Medium: 3600 Head; Medium parameters used:

$f = 3750$ MHz; $\sigma = 3.054$ S/m; $\epsilon_r = 36.677$; $\rho = 1000$ kg/m³

Phantom section: Right Section

Test Date: 11/09/2020; Ambient Temp: 23.1°C; Tissue Temp: 22.5°C

Probe: EX3DV4 - SN7539; ConvF(6.55, 6.55, 6.55) @ 3750 MHz; Calibrated: 10/20/2020

Sensor-Surface: 1.4mm (Mechanical Surface Detection)

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

Phantom: Twin-SAM V8.0 (20); Type: QD 000 P41 Ax; Serial: 1966

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

**Mode: NR Band n77, Right Head, Cheek, Ch. 650000, 100 MHz Bandwidth
DFT-s-OFDM QPSK, 270 RB, 0 RB Offset**

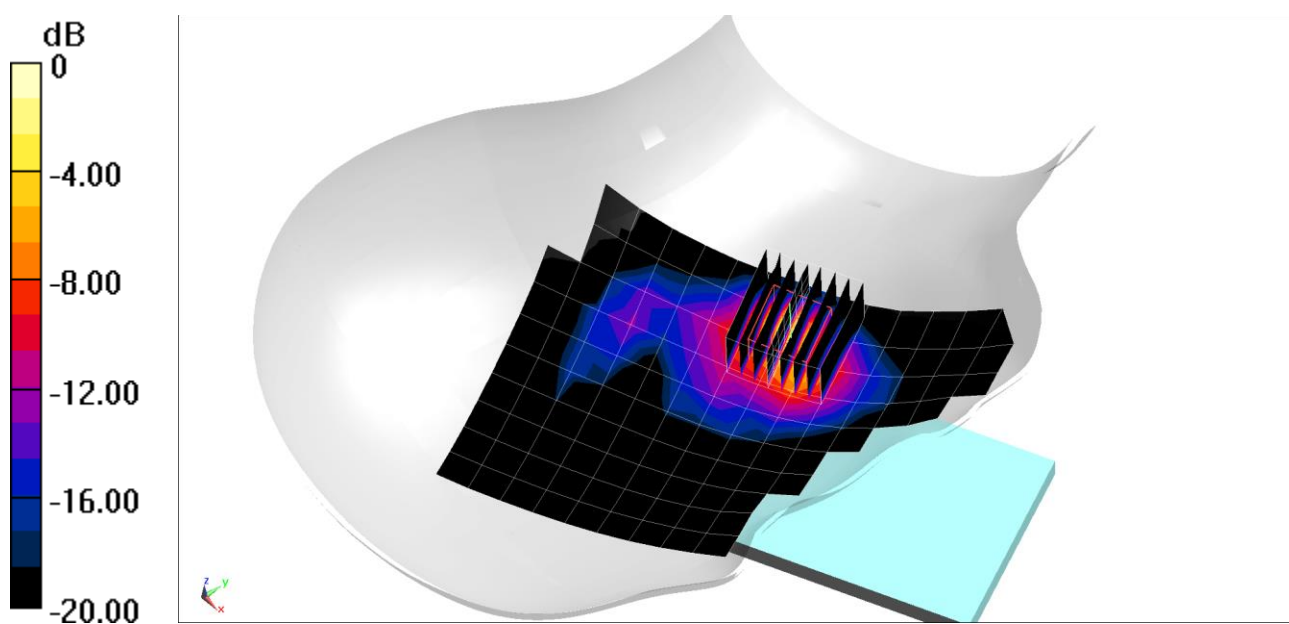
Area Scan (11x16x1): Measurement grid: dx=12mm, dy=12mm

Zoom Scan (8x8x8)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=1.4mm; Graded Ratio: 1.4

Reference Value = 14.71 V/m; Power Drift = -0.12 dB

Peak SAR (extrapolated) = 1.68 W/kg

SAR(1 g) = 0.530 W/kg



0 dB = 1.21 W/kg = 0.83 dBW/kg

PCTEST

DUT: A3LSMG996U; Type: Portable Handset; Serial: 0412M

Communication System: UID 0, _IEEE 802.11b; Frequency: 2462 MHz; Duty Cycle: 1:1

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

$f = 2462 \text{ MHz}$; $\sigma = 1.874 \text{ S/m}$; $\epsilon_r = 38.614$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Right Section

Test Date: 10/18/2020; Ambient Temp: 23.2°C; Tissue Temp: 22.8°C

Probe: EX3DV4 - SN3589; ConvF(6.85, 6.85, 6.85) @ 2462 MHz; Calibrated: 1/21/2020

Sensor-Surface: 1.4mm (Mechanical Surface Detection)

Electronics: DAE4 Sn1558; Calibrated: 1/13/2020

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, Antenna 1, 22 MHz Bandwidth, Right Head, Cheek, Ch 11, 1 Mbps

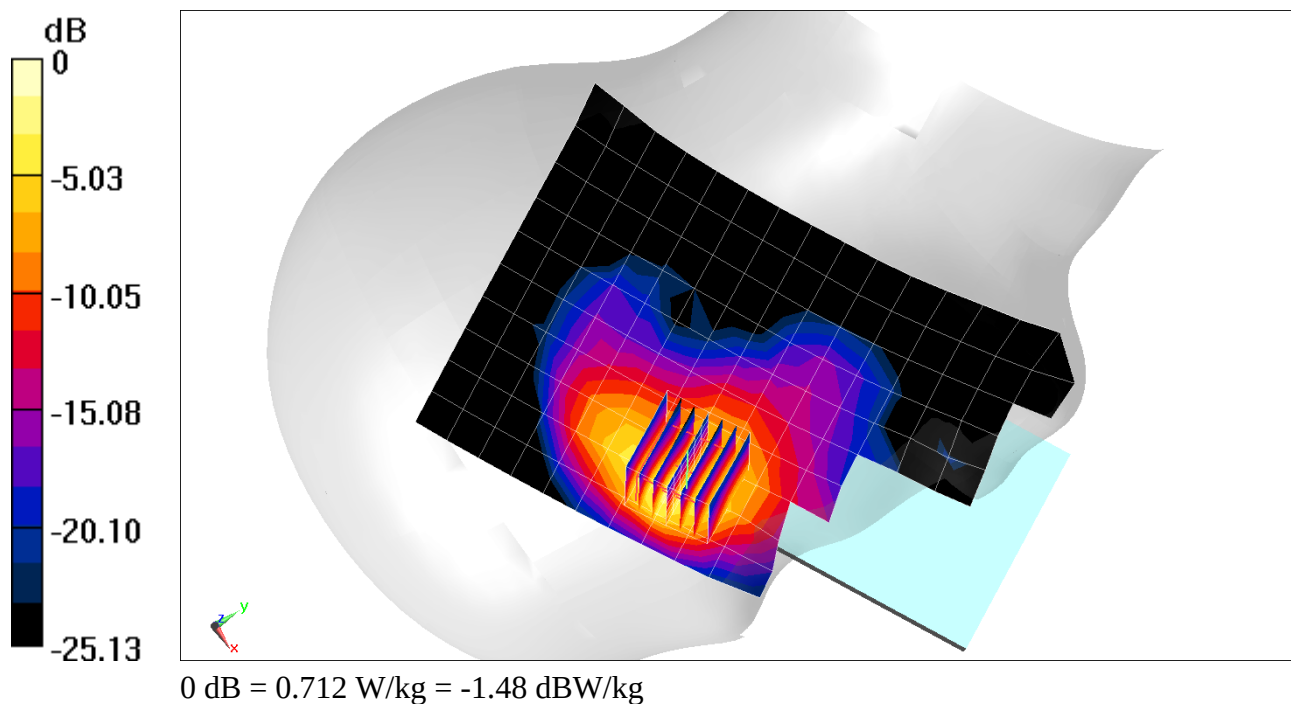
Area Scan (11x18x1): Measurement grid: $dx=12\text{mm}$, $dy=12\text{mm}$

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

Reference Value = 2.356 V/m; Power Drift = 0.12 dB

Peak SAR (extrapolated) = 1.00 W/kg

SAR(1 g) = 0.403 W/kg



PCTEST

DUT: A3LSMG996U; Type: Portable Handset; Serial: 0287M

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

Medium: 5200-5800 Head; Medium parameters used:

$f = 5290$ MHz; $\sigma = 4.735$ S/m; $\epsilon_r = 35.413$; $\rho = 1000$ kg/m³

Phantom section: Right Section

Test Date: 10/19/2020; Ambient Temp: 22.4°C; Tissue Temp: 21.2°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, MIMO, U-NII-2A, 80 MHz Bandwidth
Right Head, Cheek, Ch 58, 58.5 Mbps

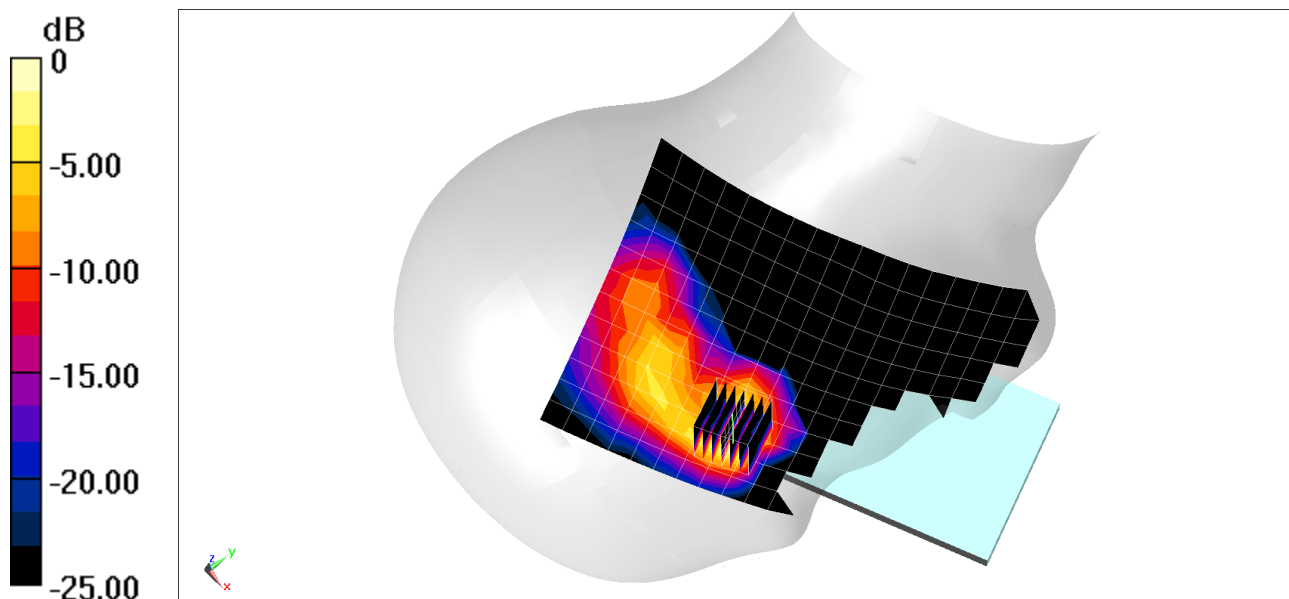
Area Scan (13x21x1): Measurement grid: dx=10mm, dy=10mm

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm; Graded Ratio: 1.4

Reference Value = 2.177 V/m; Power Drift = 0.16 dB

Peak SAR (extrapolated) = 2.17 W/kg

SAR(1 g) = 0.490 W/kg



0 dB = 1.33 W/kg = 1.24 dBW/kg

PCTEST

DUT: A3LSMG996U; Type: Portable Handset; Serial: 0287M

Communication System: UID 0, Bluetooth; Frequency: 2402 MHz; Duty Cycle: 1:1.294

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

$f = 2402 \text{ MHz}$; $\sigma = 1.818 \text{ S/m}$; $\epsilon_r = 38.098$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Left Section

Test Date: 10/14/2020; Ambient Temp: 24.3°C; Tissue Temp: 22.4°C

Probe: EX3DV4 - SN3589; ConvF(6.85, 6.85, 6.85) @ 2402 MHz; Calibrated: 1/21/2020

Sensor-Surface: 1.4mm (Mechanical Surface Detection)

Electronics: DAE4 Sn1558; Calibrated: 1/13/2020

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: Bluetooth, Left Head, Cheek, Ch 0, 1 Mbps

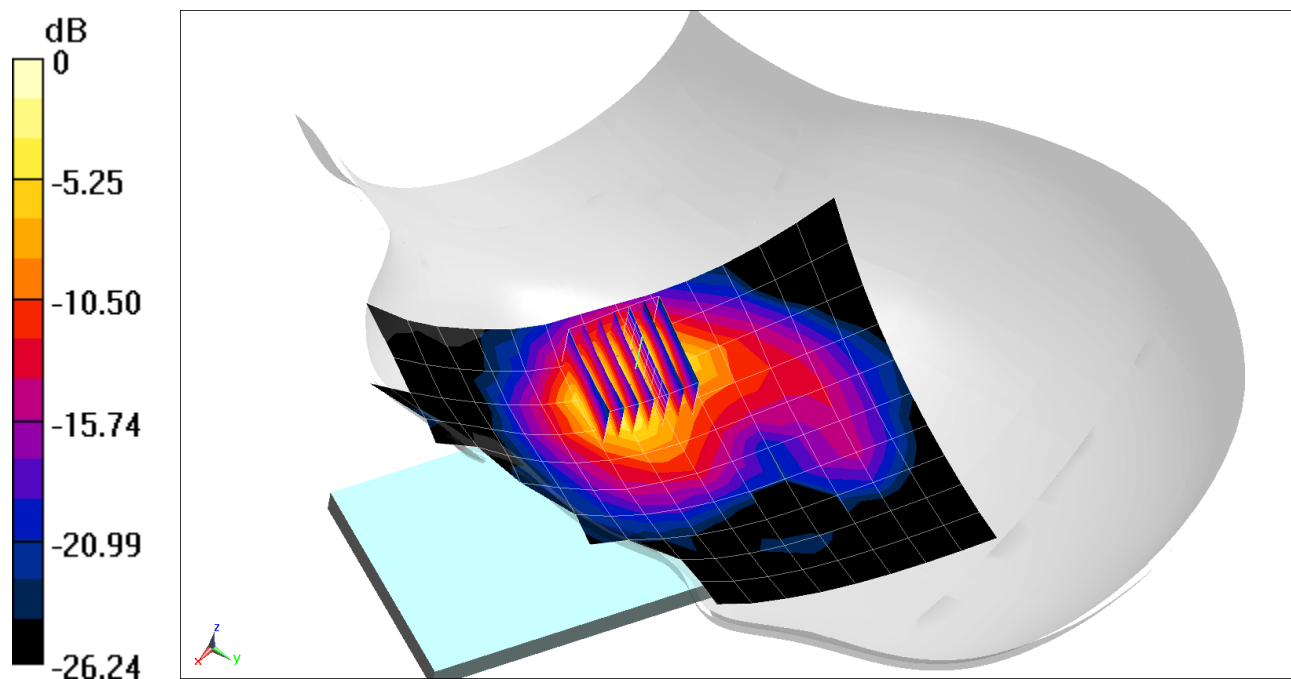
Area Scan (11x17x1): Measurement grid: $dx=12\text{mm}$, $dy=12\text{mm}$

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

Reference Value = 14.41 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 0.879 W/kg

SAR(1 g) = 0.367 W/kg



0 dB = 0.661 W/kg = -1.80 dBW/kg

PCTEST

DUT: A3LSMG996U; Type: Portable Handset; Serial: 0511M

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

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

$f = 820.1$ MHz; $\sigma = 0.938$ S/m; $\epsilon_r = 54.755$; $\rho = 1000$ kg/m³

Phantom section: Flat Section; Space: 1.5 cm

Test Date: 09/28/2020; Ambient Temp: 22.0°C; Tissue Temp: 21.5°C

Probe: EX3DV4 - SN7308; ConvF(9.92, 9.92, 9.92) @ 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 BC10, Body SAR, Back side, Mid.ch

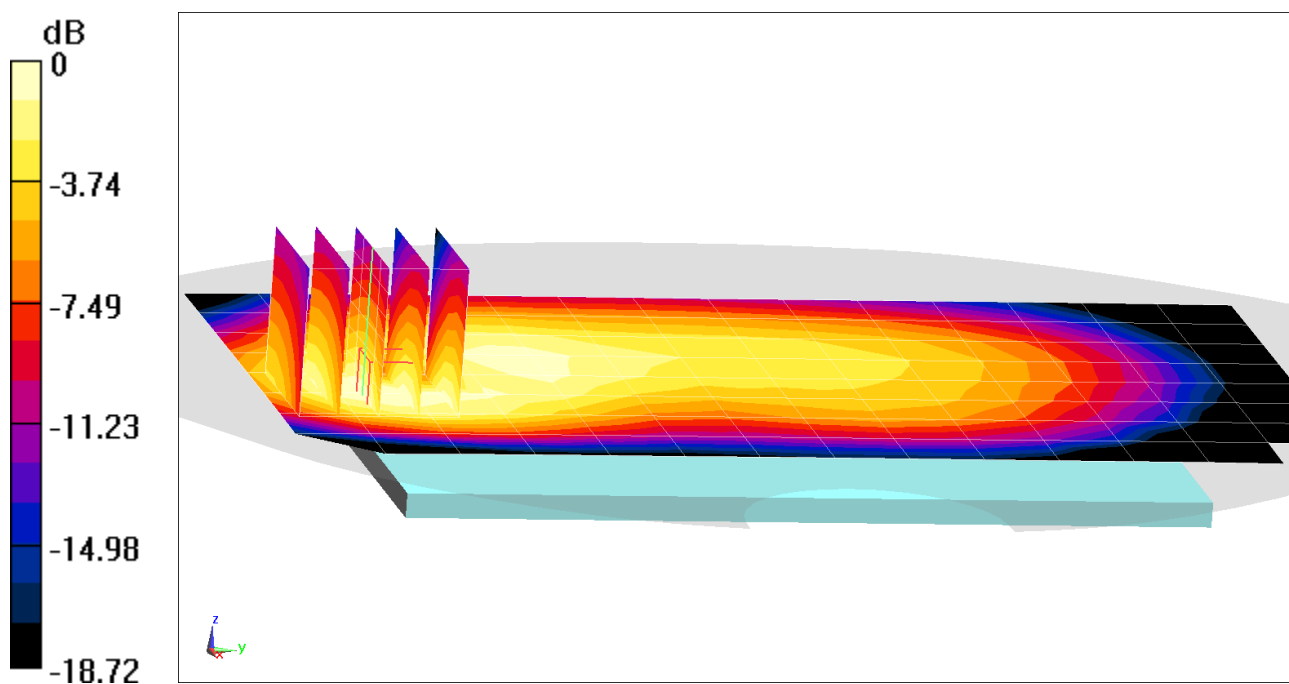
Area Scan (9x15x1): Measurement grid: dx=15mm, dy=15mm

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

Reference Value = 18.14 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 0.491 W/kg

SAR(1 g) = 0.292 W/kg



0 dB = 0.408 W/kg = -3.89 dBW/kg

PCTEST

DUT: A3LSMG996U; Type: Portable Handset; Serial: 0511M

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

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

$f = 820.1$ MHz; $\sigma = 0.938$ S/m; $\epsilon_r = 54.755$; $\rho = 1000$ kg/m³

Phantom section: Flat Section; Space: 1.0 cm

Test Date: 09/28/2020; Ambient Temp: 22.0°C; Tissue Temp: 21.5°C

Probe: EX3DV4 - SN7308; ConvF(9.92, 9.92, 9.92) @ 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. EVDO BC10, Body SAR, Back side, Mid.ch

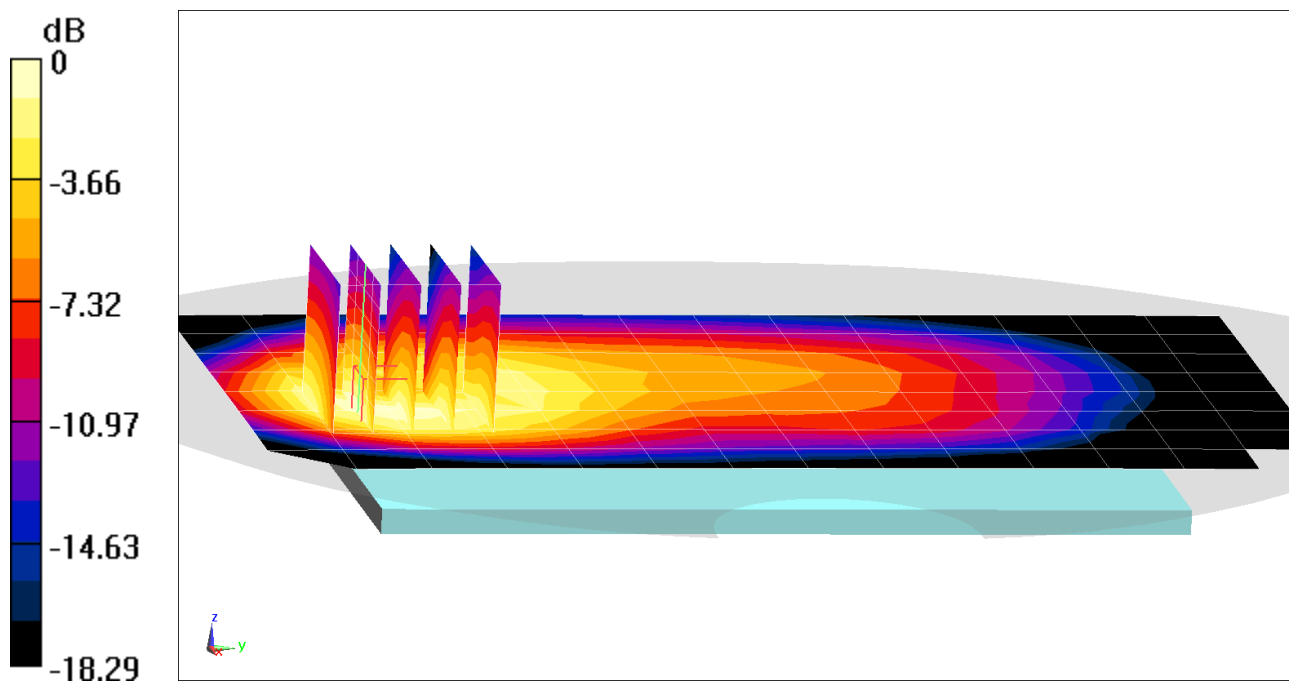
Area Scan (9x15x1): Measurement grid: dx=15mm, dy=15mm

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

Reference Value = 24.91 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 1.05 W/kg

SAR(1 g) = 0.577 W/kg



0 dB = 0.832 W/kg = -0.80 dBW/kg

PCTEST

DUT: A3LSMG996U; Type: Portable Handset; Serial: 0511M

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

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

$f = 836.52$ MHz; $\sigma = 0.956$ S/m; $\epsilon_r = 54.589$; $\rho = 1000$ kg/m³

Phantom section: Flat Section; Space: 1.5 cm

Test Date: 09/28/2020; Ambient Temp: 22.0°C; Tissue Temp: 21.5°C

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

Sensor-Surface: 1.4mm (Mechanical Surface Detection)

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

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

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

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

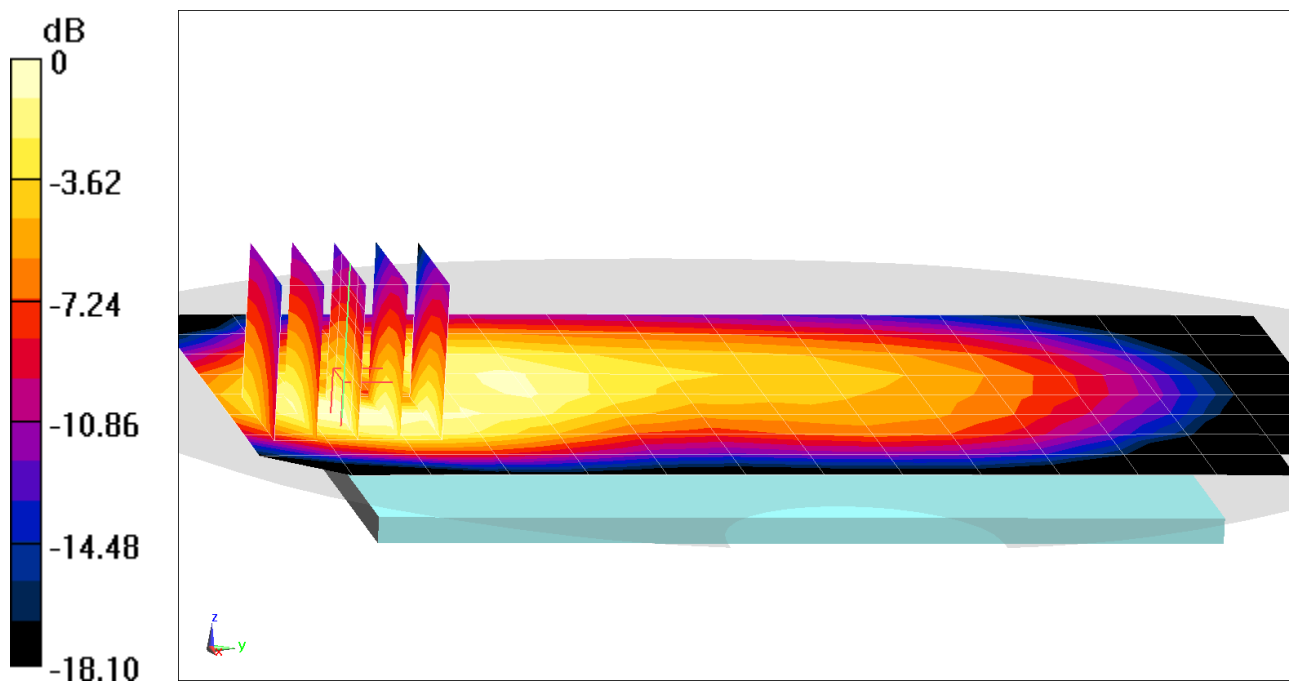
Area Scan (9x15x1): Measurement grid: dx=15mm, dy=15mm

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

Reference Value = 16.97 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.437 W/kg

SAR(1 g) = 0.257 W/kg



0 dB = 0.363 W/kg = -4.40 dBW/kg

PCTEST

DUT: A3LSMG996U; Type: Portable Handset; Serial: 0511M

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

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

$f = 848.31$ MHz; $\sigma = 0.968$ S/m; $\epsilon_r = 54.461$; $\rho = 1000$ kg/m³

Phantom section: Flat Section; Space: 1.0 cm

Test Date: 09/28/2020; Ambient Temp: 22.0°C; Tissue Temp: 21.5°C

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

Sensor-Surface: 1.4mm (Mechanical Surface Detection)

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

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

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

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

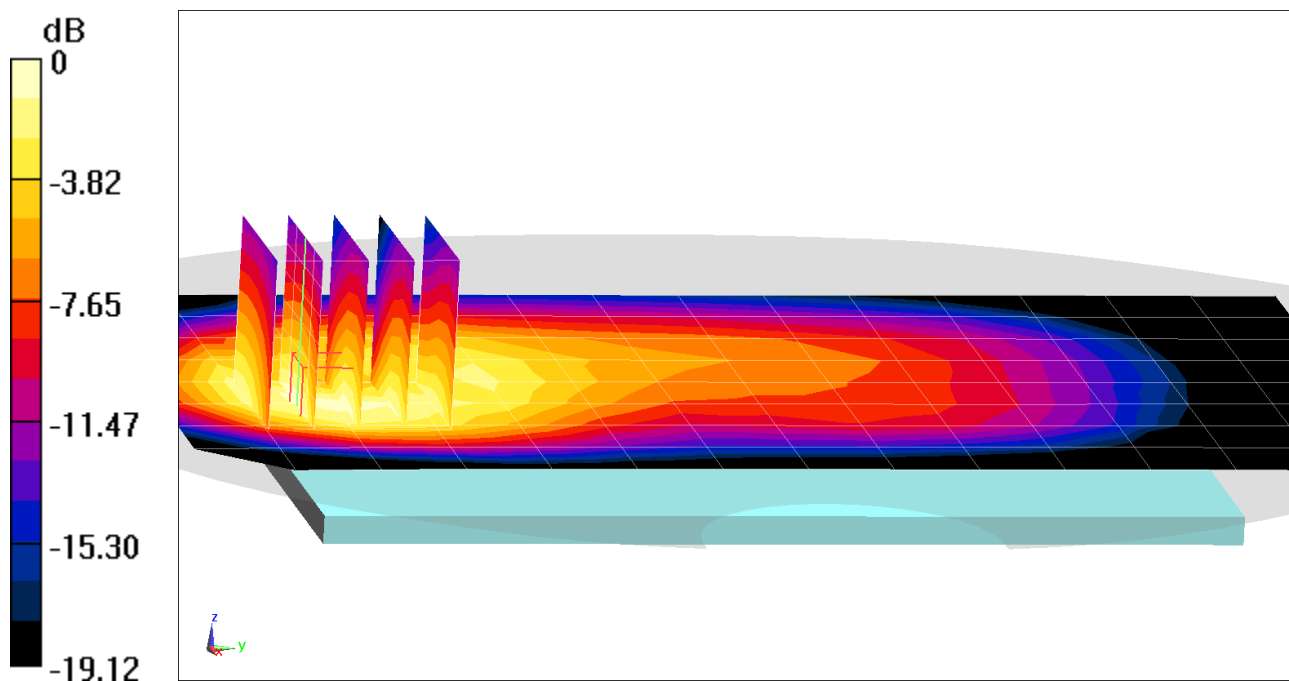
Area Scan (9x15x1): Measurement grid: dx=15mm, dy=15mm

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

Reference Value = 26.27 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 1.20 W/kg

SAR(1 g) = 0.657 W/kg



0 dB = 0.953 W/kg = -0.21 dBW/kg

PCTEST

DUT: A3LSMG996U; Type: Portable Handset; Serial: 0551M

Communication System: UID 0, CDMA; Frequency: 1851.25 MHz; Duty Cycle: 1:1

Medium: 1900 Body; parameters used (interpolated):

$f = 1851.25$ MHz; $\sigma = 1.487$ S/m; $\epsilon_r = 52.987$; $\rho = 1000$ kg/m³

Phantom section: Flat Section; Space: 1.5 cm

Test Date: 09/30/2020; Ambient Temp: 21.5°C; Tissue Temp: 22.6°C

Probe: EX3DV4 - SN7571; ConvF(7.56, 7.56, 7.56) @ 1851.25 MHz; Calibrated: 12/11/2019

Sensor-Surface: 1.4mm (Mechanical Surface Detection)

Electronics: DAE4 Sn1533; Calibrated: 12/5/2019

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, Low.ch

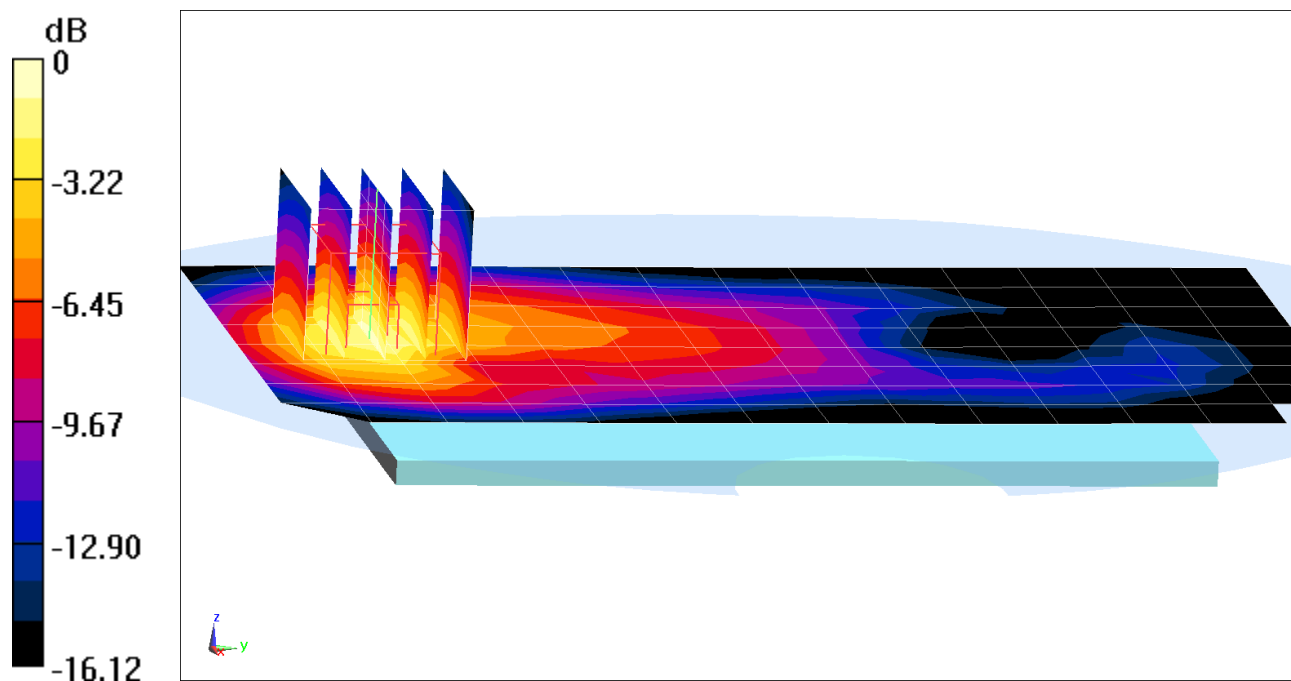
Area Scan (9x15x1): Measurement grid: dx=15mm, dy=15mm

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

Reference Value = 21.24 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 1.01 W/kg

SAR(1 g) = 0.618 W/kg



0 dB = 0.873 W/kg = -0.59 dBW/kg

PCTEST

DUT: A3LSMG996U; Type: Portable Handset; Serial: 0551M

Communication System: UID 0, CDMA; Frequency: 1908.75 MHz; Duty Cycle: 1:1

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

$f = 1908.75$ MHz; $\sigma = 1.557$ S/m; $\epsilon_r = 51.576$; $\rho = 1000$ kg/m³

Phantom section: Flat Section; Space: 1.0 cm

Test Date: 10/07/2020; Ambient Temp: 21.7°C; Tissue Temp: 22.3°C

Probe: EX3DV4 - SN7571; ConvF(7.56, 7.56, 7.56) @ 1908.75 MHz; Calibrated: 12/11/2019

Sensor-Surface: 1.4mm (Mechanical Surface Detection)

Electronics: DAE4 Sn1533; Calibrated: 12/5/2019

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, Bottom Edge, High.ch

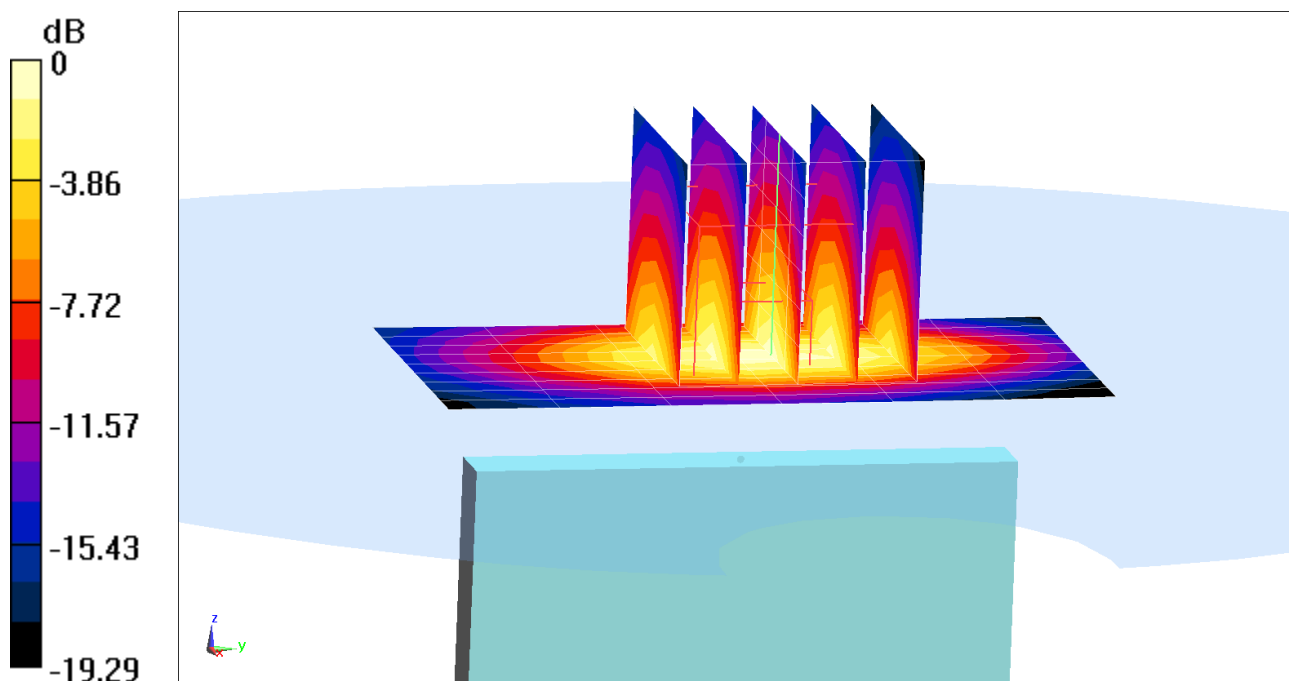
Area Scan (10x7x1): Measurement grid: dx=5mm, dy=15mm

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

Reference Value = 23.80 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 1.42 W/kg

SAR(1 g) = 0.790 W/kg



0 dB = 1.20 W/kg = 0.79 dBW/kg

PCTEST

DUT: A3LSMG996U; Type: Portable Handset; Serial: 0511M

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

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

$f = 836.6$ MHz; $\sigma = 0.954$ S/m; $\epsilon_r = 52.645$; $\rho = 1000$ kg/m³

Phantom section: Flat Section; Space: 1.5 cm

Test Date: 09/24/2020; Ambient Temp: 23.7°C; Tissue Temp: 22.0°C

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

Sensor-Surface: 1.4mm (Mechanical Surface Detection)

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

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

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

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

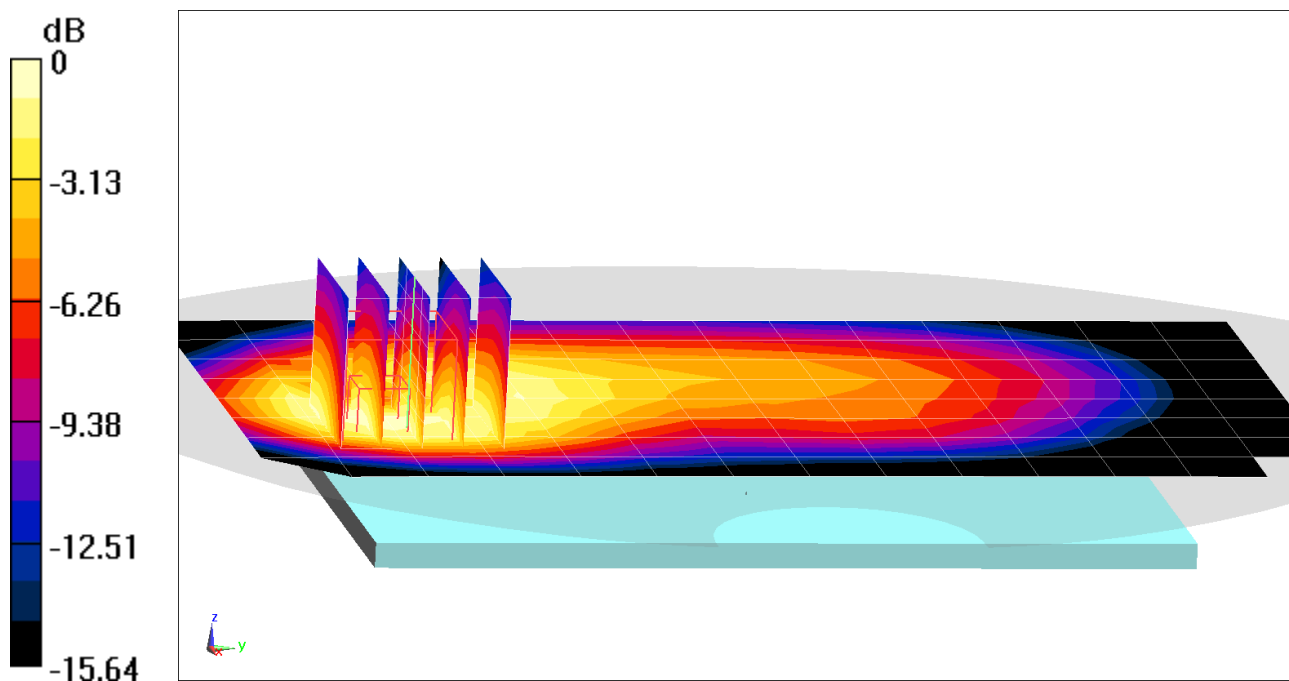
Area Scan (9x15x1): Measurement grid: dx=15mm, dy=15mm

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

Reference Value = 17.32 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 0.463 W/kg

SAR(1 g) = 0.271 W/kg



0 dB = 0.376 W/kg = -4.25 dBW/kg

PCTEST

DUT: A3LSMG996U; Type: Portable Handset; Serial: 0511M

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

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

$f = 848.8$ MHz; $\sigma = 0.967$ S/m; $\epsilon_r = 52.504$; $\rho = 1000$ kg/m³

Phantom section: Flat Section; Space: 1.0 cm

Test Date: 09/24/2020; Ambient Temp: 23.7°C; Tissue Temp: 22.0°C

Probe: EX3DV4 - SN7308; ConvF(9.92, 9.92, 9.92) @ 848.8 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: GPRS 850, Body SAR, Back side, High.ch, 3 Tx Slots

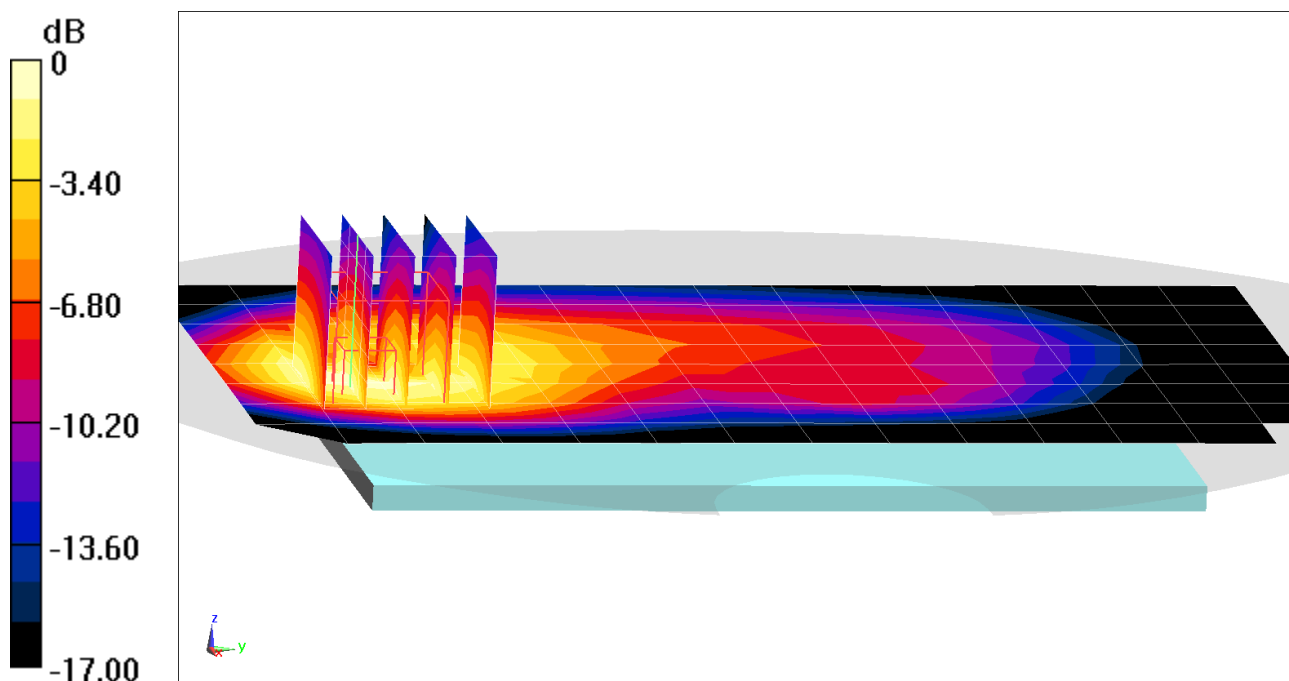
Area Scan (9x15x1): Measurement grid: dx=15mm, dy=15mm

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

Reference Value = 26.54 V/m; Power Drift = -0.13 dB

Peak SAR (extrapolated) = 1.17 W/kg

SAR(1 g) = 0.644 W/kg



0 dB = 0.945 W/kg = -0.25 dBW/kg

PCTEST

DUT: A3LSMG996U; Type: Portable Handset; Serial: 0551M

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

Medium: 1900 Body; Medium parameters used:

$f = 1880$ MHz; $\sigma = 1.554$ S/m; $\epsilon_r = 51.733$; $\rho = 1000$ kg/m³

Phantom section: Flat Section; Space: 1.5 cm

Test Date: 10/05/2020; Ambient Temp: 23.2°C; Tissue Temp: 22.5°C

Probe: EX3DV4 - SN7357; ConvF(7.8, 7.8, 7.8) @ 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 Right 30; Type: QD 000 P40 CD; Serial: 1759

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

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

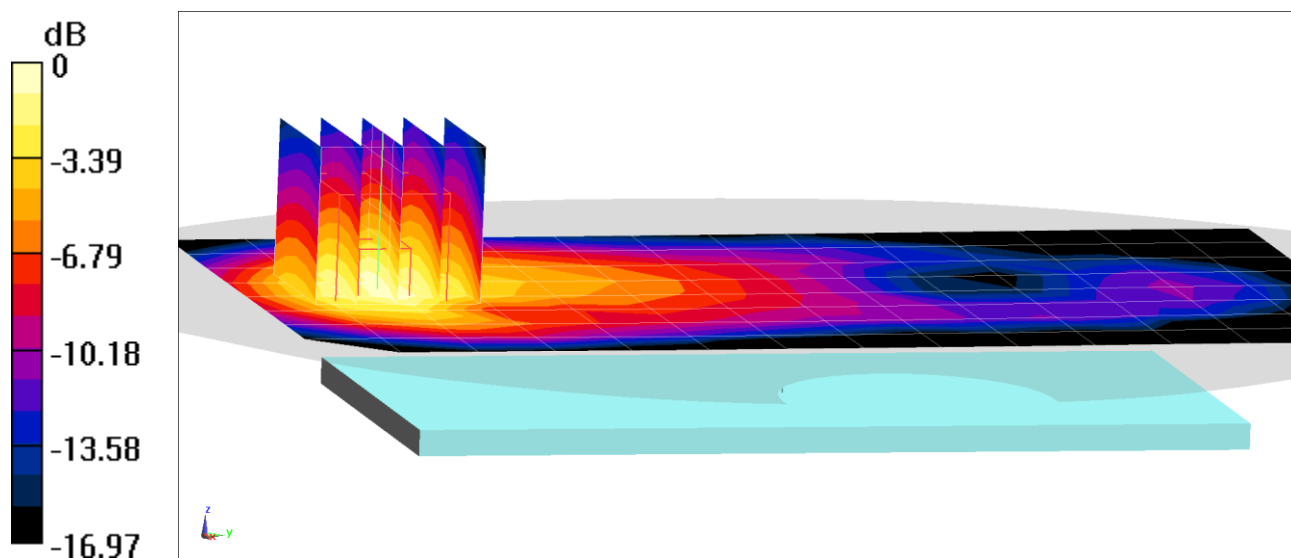
Area Scan (9x15x1): Measurement grid: dx=15mm, dy=15mm

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

Reference Value = 13.16 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 0.397 W/kg

SAR(1 g) = 0.246 W/kg



0 dB = 0.347 W/kg = -4.60 dBW/kg

PCTEST

DUT: A3LSMG996U; Type: Portable Handset; Serial: 0551M

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

Medium: 1900 Body; Medium parameters used:

$f = 1910$ MHz; $\sigma = 1.587$ S/m; $\epsilon_r = 51.605$; $\rho = 1000$ kg/m³

Phantom section: Flat Section; Space: 1.0 cm

Test Date: 10/05/2020; Ambient Temp: 23.2°C; Tissue Temp: 22.5°C

Probe: EX3DV4 - SN7357; ConvF(7.8, 7.8, 7.8) @ 1909.8 MHz; Calibrated: 4/21/2020

Sensor-Surface: 1.4mm (Mechanical Surface Detection)

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

Phantom: Twin-SAM V5.0 Right 30; Type: QD 000 P40 CD; Serial: 1759

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

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

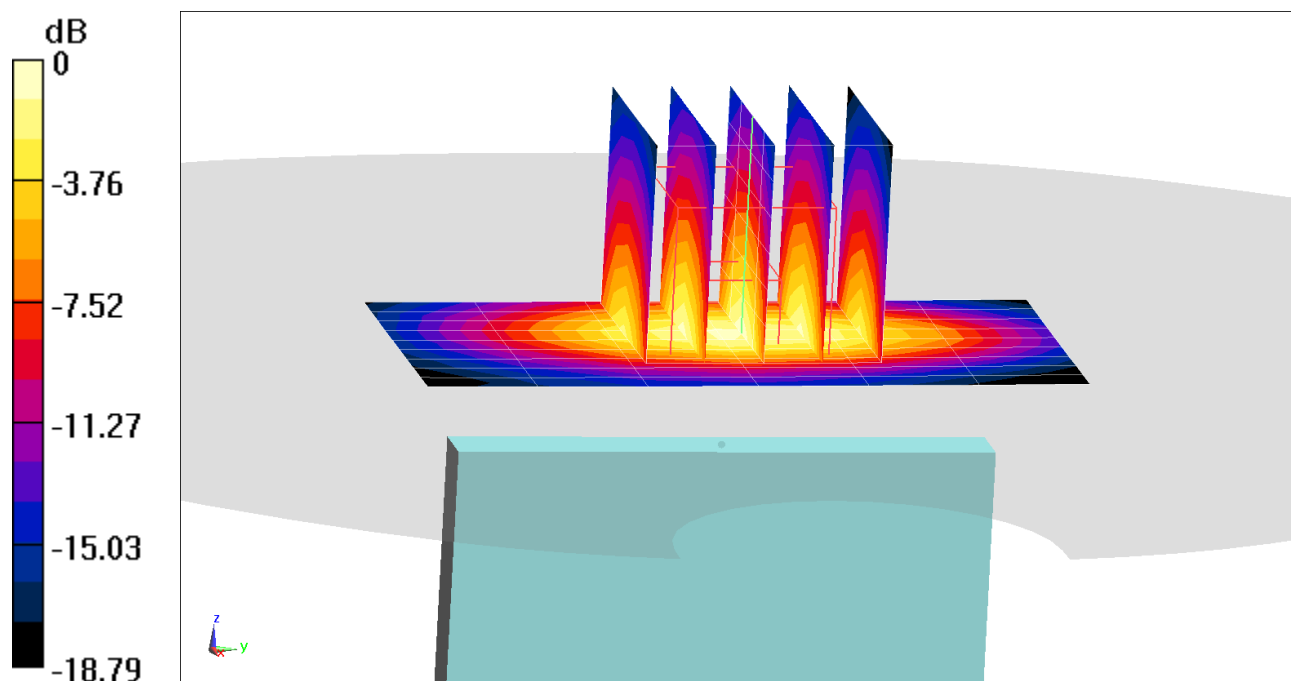
Area Scan (10x7x1): Measurement grid: dx=5mm, dy=15mm

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

Reference Value = 23.92 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 1.42 W/kg

SAR(1 g) = 0.803 W/kg



0 dB = 1.21 W/kg = 0.83 dBW/kg

PCTEST

DUT: A3LSMG996U; Type: Portable Handset; Serial: 0511M

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

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

$f = 836.6$ MHz; $\sigma = 0.954$ S/m; $\epsilon_r = 52.645$; $\rho = 1000$ kg/m³

Phantom section: Flat Section; Space: 1.5 cm

Test Date: 09/24/2020; Ambient Temp: 23.7°C; Tissue Temp: 22.0°C

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

Sensor-Surface: 1.4mm (Mechanical Surface Detection)

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

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

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

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

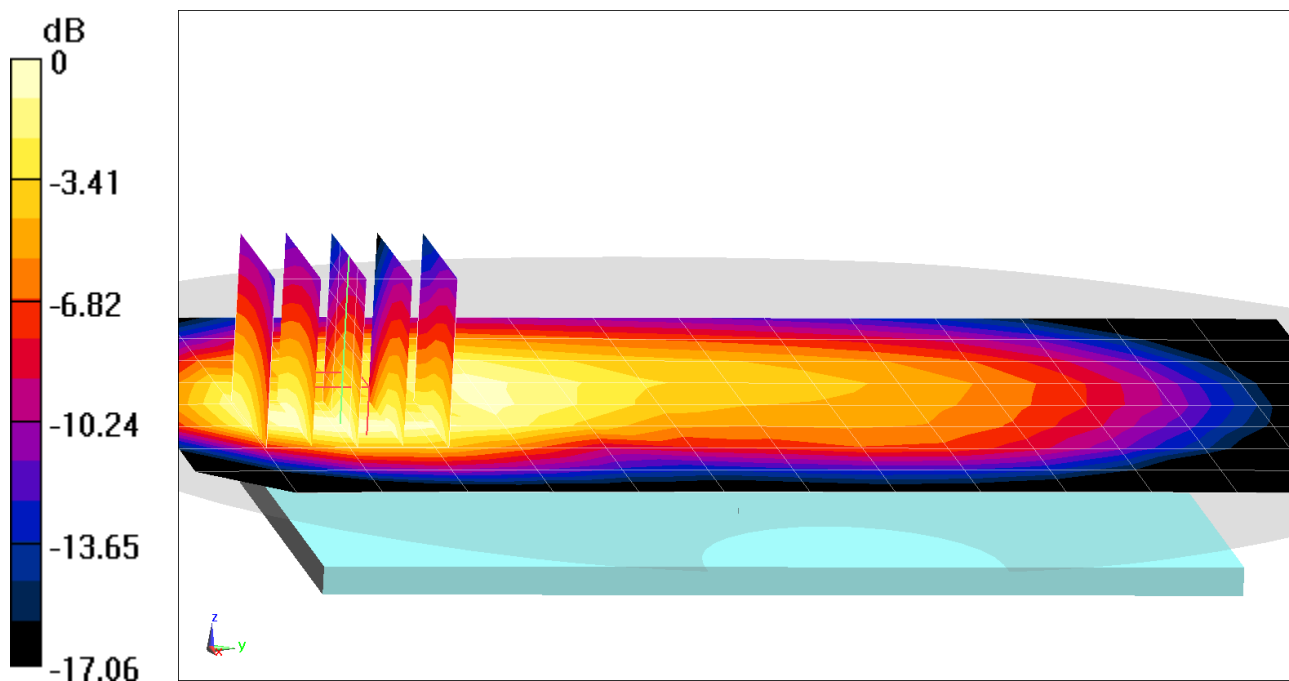
Area Scan (9x15x1): Measurement grid: dx=15mm, dy=15mm

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

Reference Value = 18.63 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 0.552 W/kg

SAR(1 g) = 0.326 W/kg



PCTEST

DUT: A3LSMG996U; Type: Portable Handset; Serial: 0511M

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

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

$f = 846.6 \text{ MHz}$; $\sigma = 0.964 \text{ S/m}$; $\epsilon_r = 52.529$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section; Space: 1.0 cm

Test Date: 09/24/2020; Ambient Temp: 23.7°C; Tissue Temp: 22.0°C

Probe: EX3DV4 - SN7308; ConvF(9.92, 9.92, 9.92) @ 846.6 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, Body SAR, Back side, High.ch

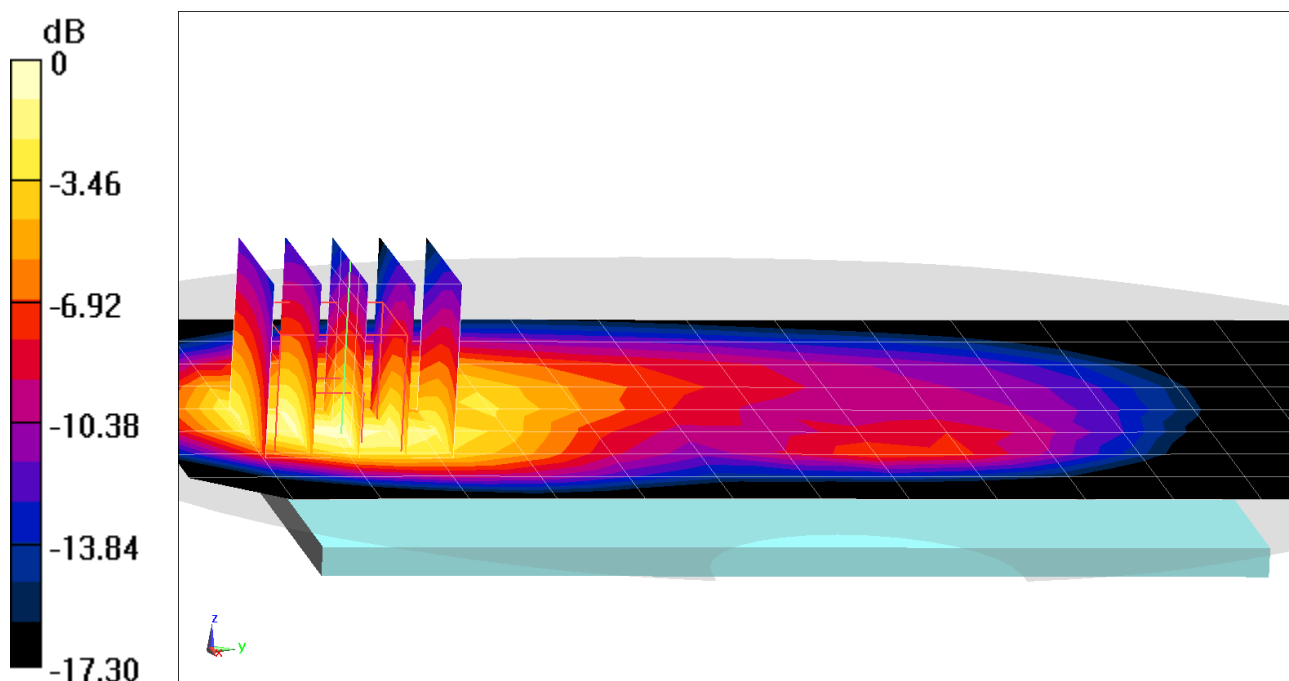
Area Scan (9x15x1): Measurement grid: dx=15mm, dy=15mm

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

Reference Value = 27.55 V/m; Power Drift = -0.13 dB

Peak SAR (extrapolated) = 1.26 W/kg

SAR(1 g) = 0.694 W/kg



0 dB = 1.03 W/kg = 0.13 dBW/kg

PCTEST

DUT: A3LSMG996U; Type: Portable Handset; Serial: 0526M

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

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

$f = 1732.4$ MHz; $\sigma = 1.511$ S/m; $\epsilon_r = 51.674$; $\rho = 1000$ kg/m³

Phantom section: Flat Section; Space: 1.5 cm

Test Date: 09/21/2020; Ambient Temp: 20.9°C; Tissue Temp: 20.9°C

Probe: EX3DV4 - SN7570; ConvF(8.48, 8.48, 8.48) @ 1732.4 MHz; Calibrated: 12/11/2019

Sensor-Surface: 1.4mm (Mechanical Surface Detection)

Electronics: DAE4 Sn1368; Calibrated: 3/12/2020

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 1750, Body SAR, Back side, Mid.ch

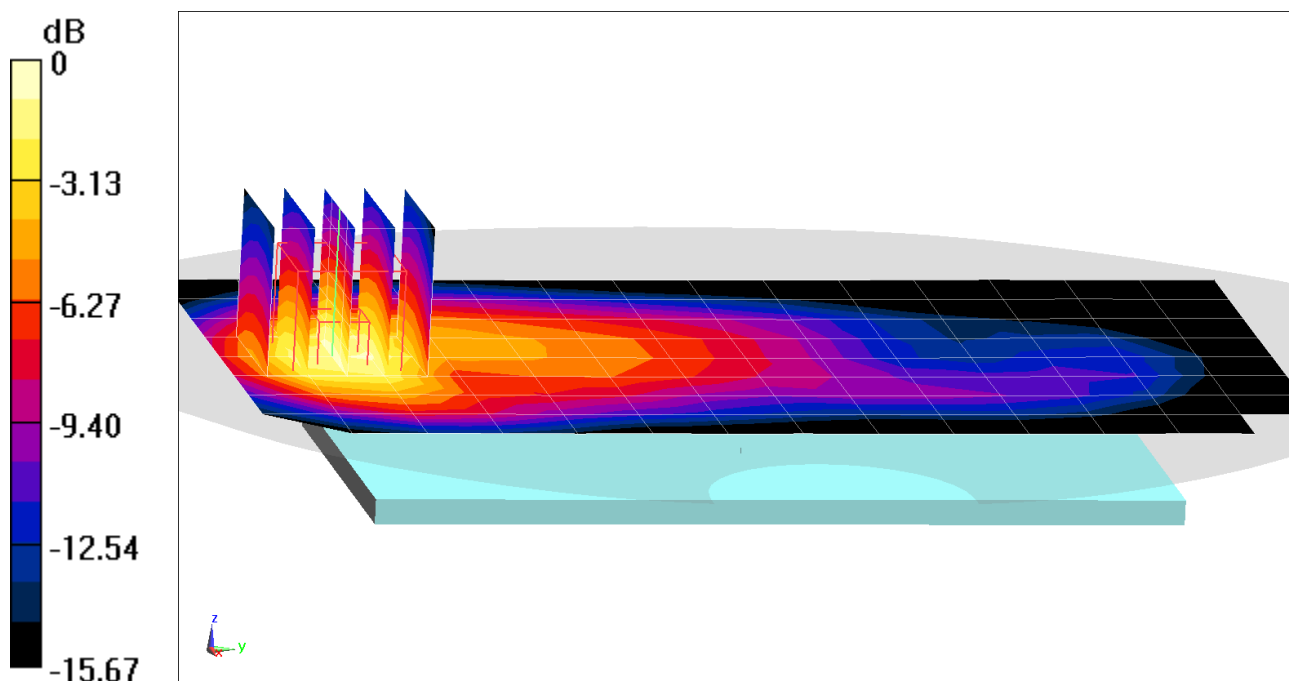
Area Scan (9x15x1): Measurement grid: dx=15mm, dy=15mm

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

Reference Value = 23.20 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 1.19 W/kg

SAR(1 g) = 0.744 W/kg



0 dB = 1.04 W/kg = 0.17 dBW/kg

PCTEST

DUT: A3LSMG996U; Type: Portable Handset; Serial: 0526M

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

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

$f = 1732.4$ MHz; $\sigma = 1.52$ S/m; $\epsilon_r = 51.715$; $\rho = 1000$ kg/m³

Phantom section: Flat Section; Space: 1.0 cm

Test Date: 09/28/2020; Ambient Temp: 20.9°C; Tissue Temp: 20.9°C

Probe: EX3DV4 - SN7570; ConvF(8.48, 8.48, 8.48) @ 1732.4 MHz; Calibrated: 12/11/2019

Sensor-Surface: 1.4mm (Mechanical Surface Detection)

Electronics: DAE4 Sn1368; Calibrated: 3/12/2020

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 1750, Body SAR, Bottom Edge, Mid.ch

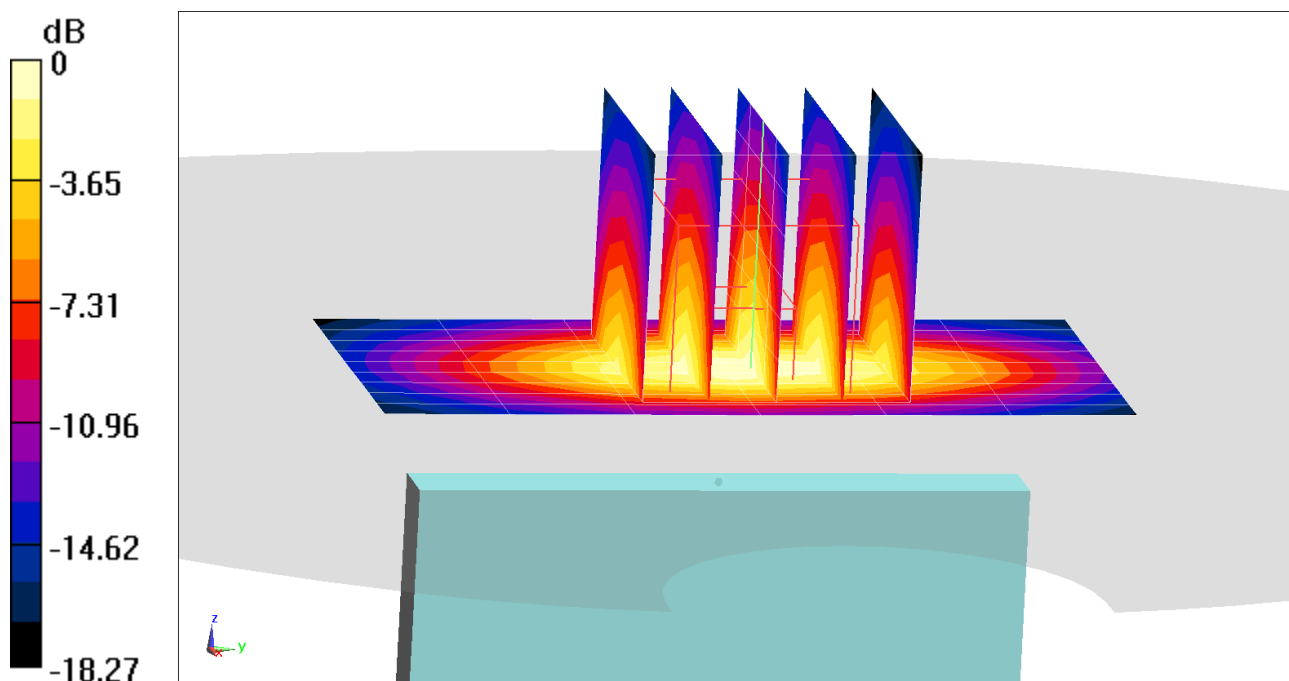
Area Scan (10x7x1): Measurement grid: dx=5mm, dy=15mm

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

Reference Value = 21.60 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 1.11 W/kg

SAR(1 g) = 0.632 W/kg



0 dB = 0.949 W/kg = -0.23 dBW/kg

PCTEST

DUT: A3LSMG996U; Type: Portable Handset; Serial: 0526M

Communication System: UID 0, UMTS; Frequency: 1852.4 MHz; Duty Cycle: 1:1

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

$f = 1852.4$ MHz; $\sigma = 1.52$ S/m; $\epsilon_r = 52.693$; $\rho = 1000$ kg/m³

Phantom section: Flat Section; Space: 1.5 cm

Test Date: 09/20/2020; Ambient Temp: 21.3°C; Tissue Temp: 22.3°C

Probe: EX3DV4 - SN7571; ConvF(7.56, 7.56, 7.56) @ 1852.4 MHz; Calibrated: 12/11/2019

Sensor-Surface: 1.4mm (Mechanical Surface Detection)

Electronics: DAE4 Sn1533; Calibrated: 12/5/2019

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, Low.ch

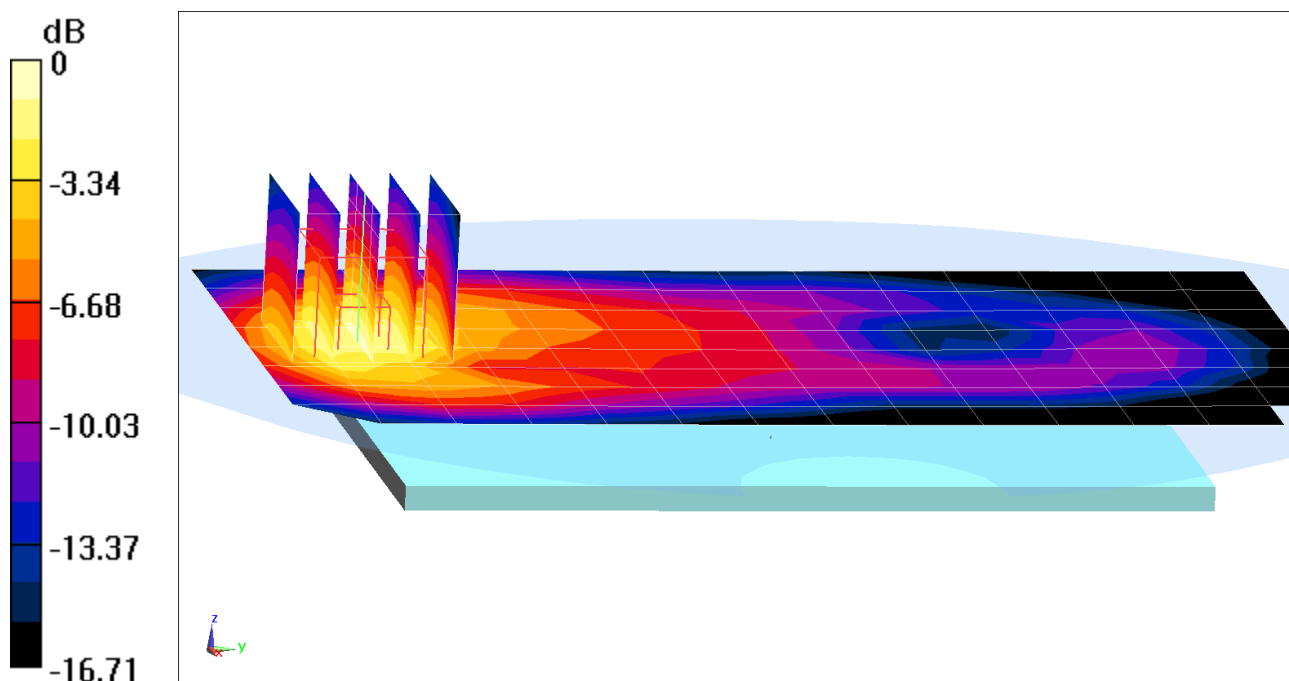
Area Scan (9x15x1): Measurement grid: dx=15mm, dy=15mm

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

Reference Value = 20.63 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 0.954 W/kg

SAR(1 g) = 0.594 W/kg



0 dB = 0.832 W/kg = -0.80 dBW/kg

PCTEST

DUT: A3LSMG996U; Type: Portable Handset; Serial: 0551M

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

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

$f = 1907.6$ MHz; $\sigma = 1.58$ S/m; $\epsilon_r = 51.606$; $\rho = 1000$ kg/m³

Phantom section: Flat Section; Space: 1.0 cm

Test Date: 09/27/2020; Ambient Temp: 23.3°C; Tissue Temp: 24.1°C

Probe: EX3DV4 - SN7571; ConvF(7.56, 7.56, 7.56) @ 1907.6 MHz; Calibrated: 12/11/2019

Sensor-Surface: 1.4mm (Mechanical Surface Detection)

Electronics: DAE4 Sn1533; Calibrated: 12/5/2019

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, Bottom Edge, High.ch

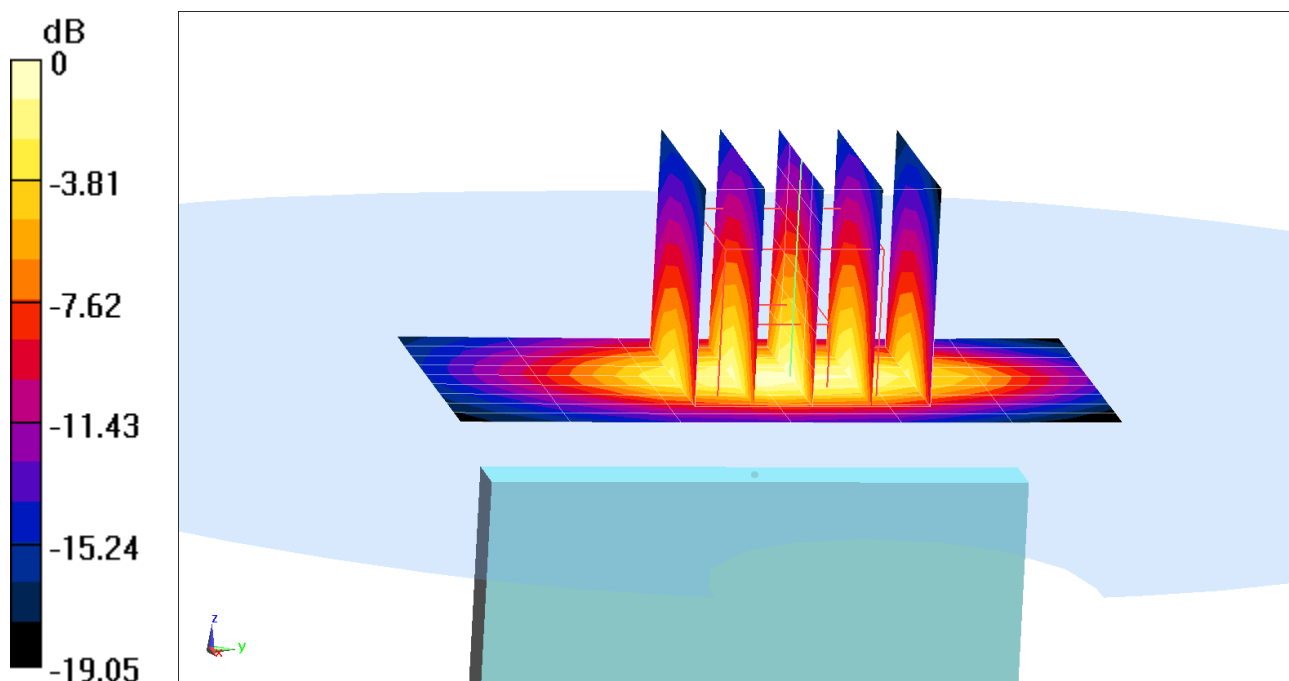
Area Scan (10x7x1): Measurement grid: dx=5mm, dy=15mm

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

Reference Value = 23.26 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 1.37 W/kg

SAR(1 g) = 0.758 W/kg



0 dB = 1.15 W/kg = 0.61 dBW/kg

PCTEST

DUT: A3LSMG996U; Type: Portable Handset; Serial: 0554M

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

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

$f = 680.5$ MHz; $\sigma = 0.924$ S/m; $\epsilon_r = 53.485$; $\rho = 1000$ kg/m³

Phantom section: Flat Section; Space: 1.5 cm

Test Date: 10/10/2020; Ambient Temp: 22.8°C; Tissue Temp: 21.6°C

Probe: EX3DV4 - SN7547; ConvF(9.98, 9.98, 9.98) @ 680.5 MHz; Calibrated: 8/19/2020

Sensor-Surface: 1.4mm (Mechanical Surface Detection)

Electronics: DAE4 Sn1323; Calibrated: 8/12/2020

Phantom: Left Twin-SAM V5.0 (30); Type: QD 000 P40 CD; Serial: 1792

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

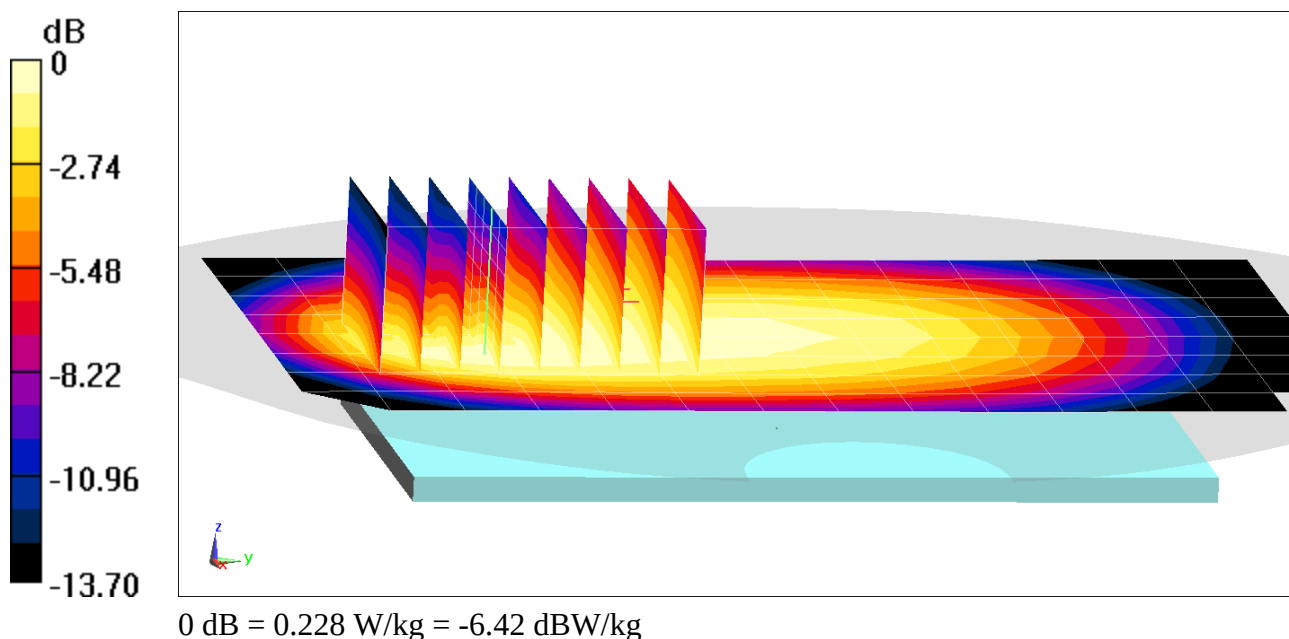
Area Scan (9x15x1): Measurement grid: dx=15mm, dy=15mm

Zoom Scan (6x9x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 13.42 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.268 W/kg

SAR(1 g) = 0.181 W/kg



PCTEST

DUT: A3LSMG996U; Type: Portable Handset; Serial: 0554M

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

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

$f = 680.5$ MHz; $\sigma = 0.953$ S/m; $\epsilon_r = 54.473$; $\rho = 1000$ kg/m³

Phantom section: Flat Section; Space: 1.0 cm

Test Date: 10/14/2020; Ambient Temp: 23.5°C; Tissue Temp: 22.3°C

Probe: EX3DV4 - SN7547; ConvF(9.98, 9.98, 9.98) @ 680.5 MHz; Calibrated: 8/19/2020

Sensor-Surface: 1.4mm (Mechanical Surface Detection)

Electronics: DAE4 Sn1323; Calibrated: 8/12/2020

Phantom: Left Twin-SAM V5.0 (30); Type: QD 000 P40 CD; Serial: 1792

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

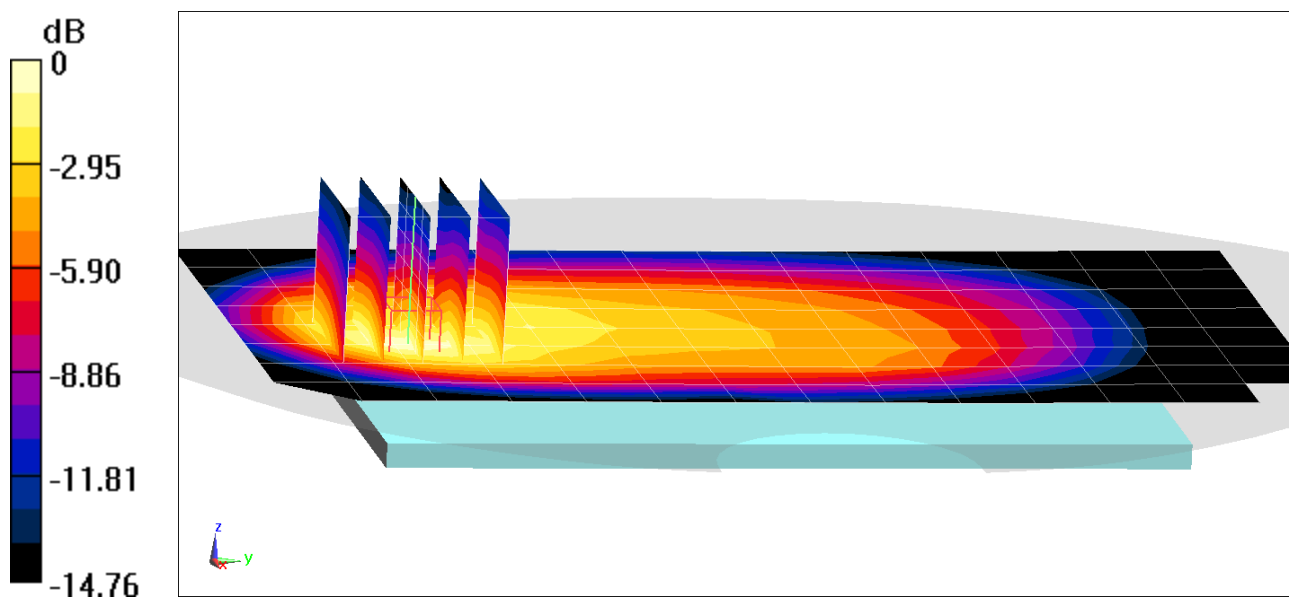
Area Scan (9x15x1): Measurement grid: dx=15mm, dy=15mm

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

Reference Value = 18.31 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 0.556 W/kg

SAR(1 g) = 0.295 W/kg



0 dB = 0.457 W/kg = -3.40 dBW/kg

PCTEST

DUT: A3LSMG996U; Type: Portable Handset; Serial: 0554M

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; $\sigma = 0.943$ S/m; $\epsilon_r = 54.847$; $\rho = 1000$ kg/m³

Phantom section: Flat Section; Space: 1.5 cm

Test Date: 09/23/2020; Ambient Temp: 22.8°C; Tissue Temp: 21.4°C

Probe: EX3DV4 - SN7547; ConvF(9.98, 9.98, 9.98) @ 707.5 MHz; Calibrated: 8/19/2020

Sensor-Surface: 1.4mm (Mechanical Surface Detection)

Electronics: DAE4 Sn1323; Calibrated: 8/12/2020

Phantom: Left Twin-SAM V5.0 (30); Type: QD 000 P40 CD; Serial: 1792

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, 25 RB Offset

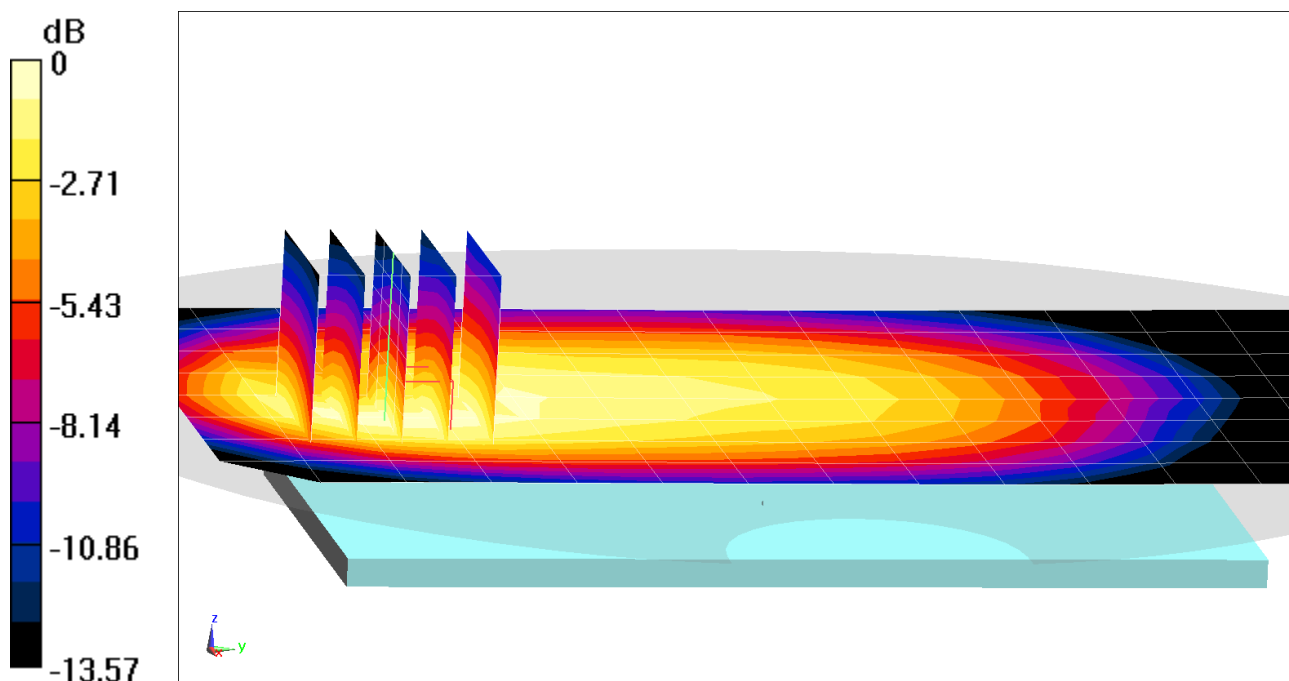
Area Scan (9x15x1): Measurement grid: dx=15mm, dy=15mm

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

Reference Value = 14.50 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 0.311 W/kg

SAR(1 g) = 0.186 W/kg



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

PCTEST

DUT: A3LSMG996U; Type: Portable Handset; Serial: 0554M

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; $\sigma = 0.943$ S/m; $\epsilon_r = 54.847$; $\rho = 1000$ kg/m³

Phantom section: Flat Section; Space: 1.0 cm

Test Date: 09/23/2020; Ambient Temp: 22.8°C; Tissue Temp: 21.4°C

Probe: EX3DV4 - SN7547; ConvF(9.98, 9.98, 9.98) @ 707.5 MHz; Calibrated: 8/19/2020

Sensor-Surface: 1.4mm (Mechanical Surface Detection)

Electronics: DAE4 Sn1323; Calibrated: 8/12/2020

Phantom: Left Twin-SAM V5.0 (30); Type: QD 000 P40 CD; Serial: 1792

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, 25 RB Offset

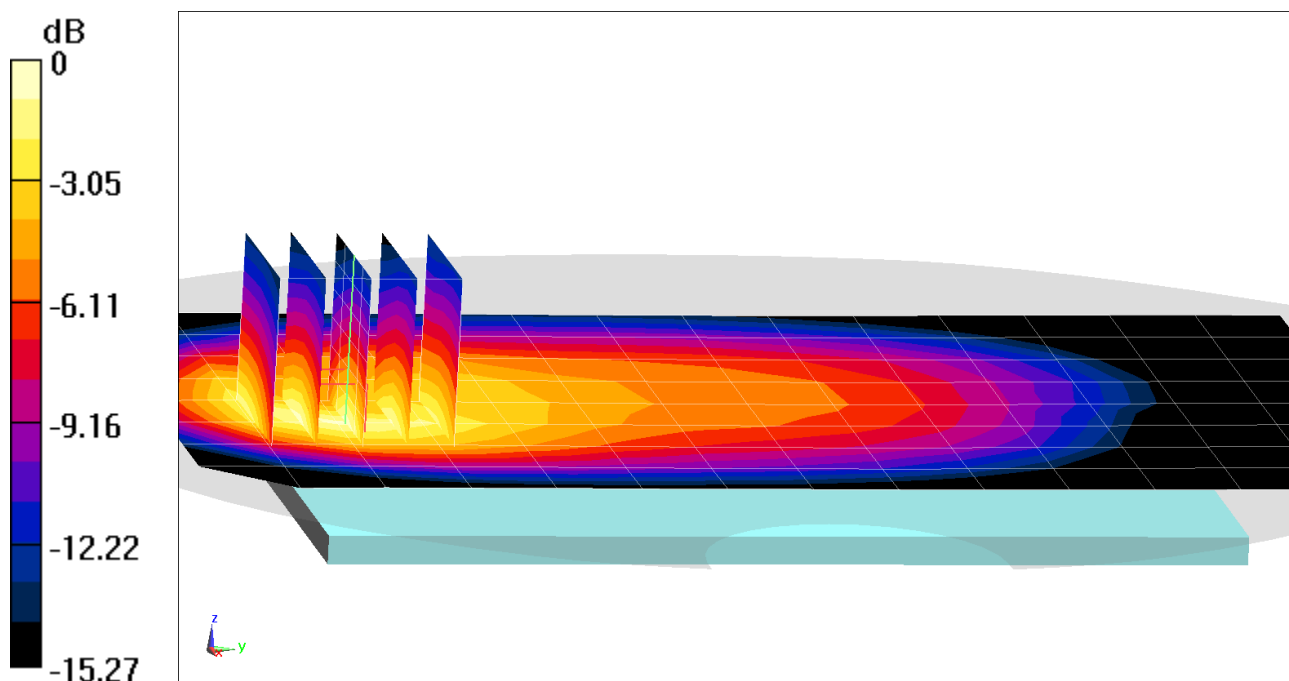
Area Scan (9x15x1): Measurement grid: dx=15mm, dy=15mm

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

Reference Value = 19.56 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 0.735 W/kg

SAR(1 g) = 0.393 W/kg



0 dB = 0.597 W/kg = -2.24 dBW/kg

PCTEST

DUT: A3LSMG996U; Type: Portable Handset; Serial: 0554M

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

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

$f = 782 \text{ MHz}$; $\sigma = 0.975 \text{ S/m}$; $\epsilon_r = 54.125$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section; Space: 1.5 cm

Test Date: 09/28/2020; Ambient Temp: 23.5°C; Tissue Temp: 21.4°C

Probe: EX3DV4 - SN7547; ConvF(9.98, 9.98, 9.98) @ 782 MHz; Calibrated: 8/19/2020

Sensor-Surface: 1.4mm (Mechanical Surface Detection)

Electronics: DAE4 Sn1323; Calibrated: 8/12/2020

Phantom: Left Twin-SAM V5.0 (30); Type: QD 000 P40 CD; Serial: 1792

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

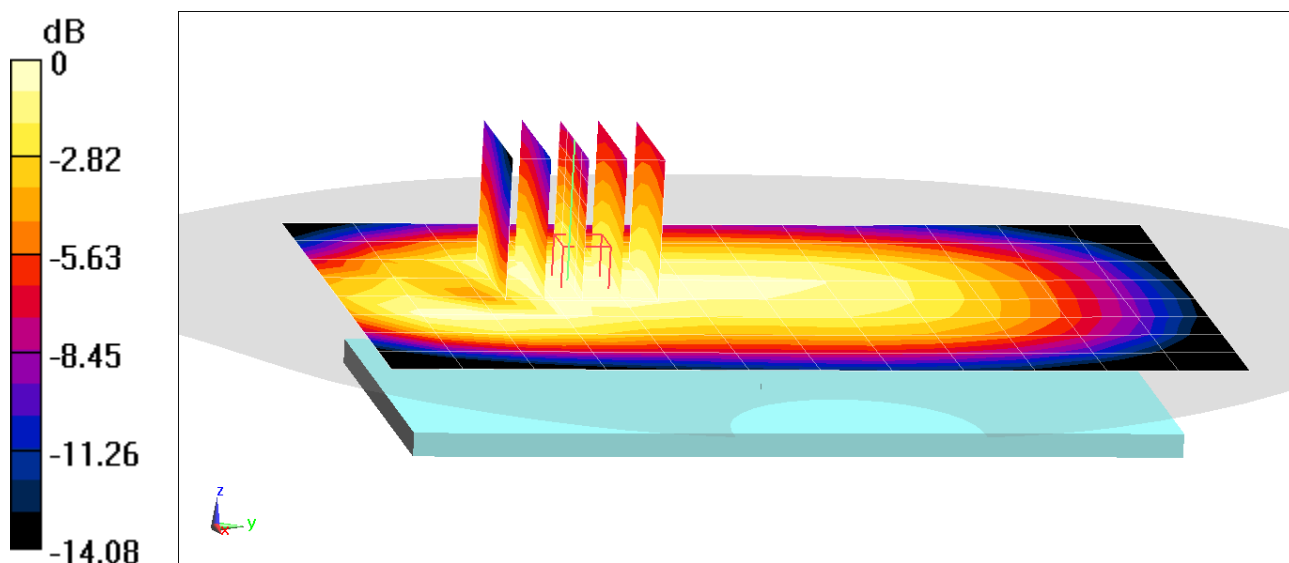
Area Scan (9x13x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Reference Value = 15.91 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.323 W/kg

SAR(1 g) = 0.239 W/kg



0 dB = 0.295 W/kg = -5.30 dBW/kg

PCTEST

DUT: A3LSMG996U; Type: Portable Handset; Serial: 0554M

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

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

$f = 782 \text{ MHz}$; $\sigma = 0.975 \text{ S/m}$; $\epsilon_r = 54.125$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section; Space: 1.0 cm

Test Date: 09/28/2020; Ambient Temp: 23.5°C; Tissue Temp: 21.4°C

Probe: EX3DV4 - SN7547; ConvF(9.98, 9.98, 9.98) @ 782 MHz; Calibrated: 8/19/2020

Sensor-Surface: 1.4mm (Mechanical Surface Detection)

Electronics: DAE4 Sn1323; Calibrated: 8/12/2020

Phantom: Left Twin-SAM V5.0 (30); Type: QD 000 P40 CD; Serial: 1792

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

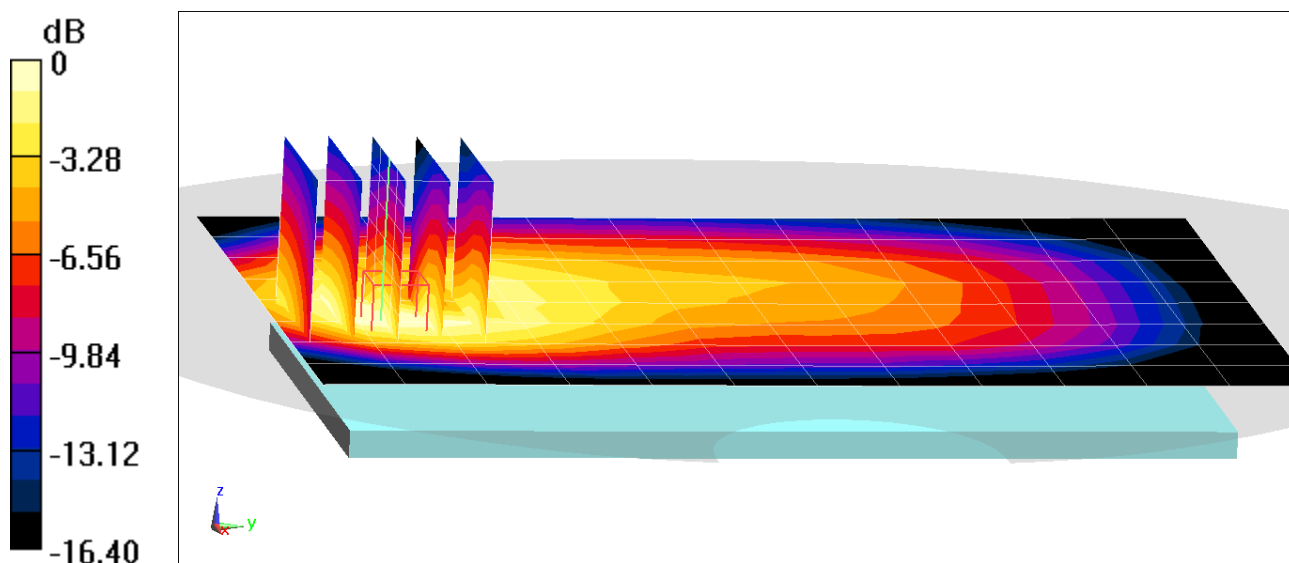
Area Scan (9x13x1): Measurement grid: dx=15mm, dy=15mm

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

Reference Value = 21.50 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 0.752 W/kg

SAR(1 g) = 0.419 W/kg



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

PCTEST

DUT: A3LSMG996U; Type: Portable Handset; Serial: 0554M

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

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

$f = 793 \text{ MHz}$; $\sigma = 0.979 \text{ S/m}$; $\epsilon_r = 54.103$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section; Space: 1.5 cm

Test Date: 09/28/2020; Ambient Temp: 23.5°C; Tissue Temp: 21.4°C

Probe: EX3DV4 - SN7547; ConvF(9.98, 9.98, 9.98) @ 793 MHz; Calibrated: 8/19/2020

Sensor-Surface: 1.4mm (Mechanical Surface Detection)

Electronics: DAE4 Sn1323; Calibrated: 8/12/2020

Phantom: Left Twin-SAM V5.0 (30); Type: QD 000 P40 CD; Serial: 1792

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, 49 RB Offset

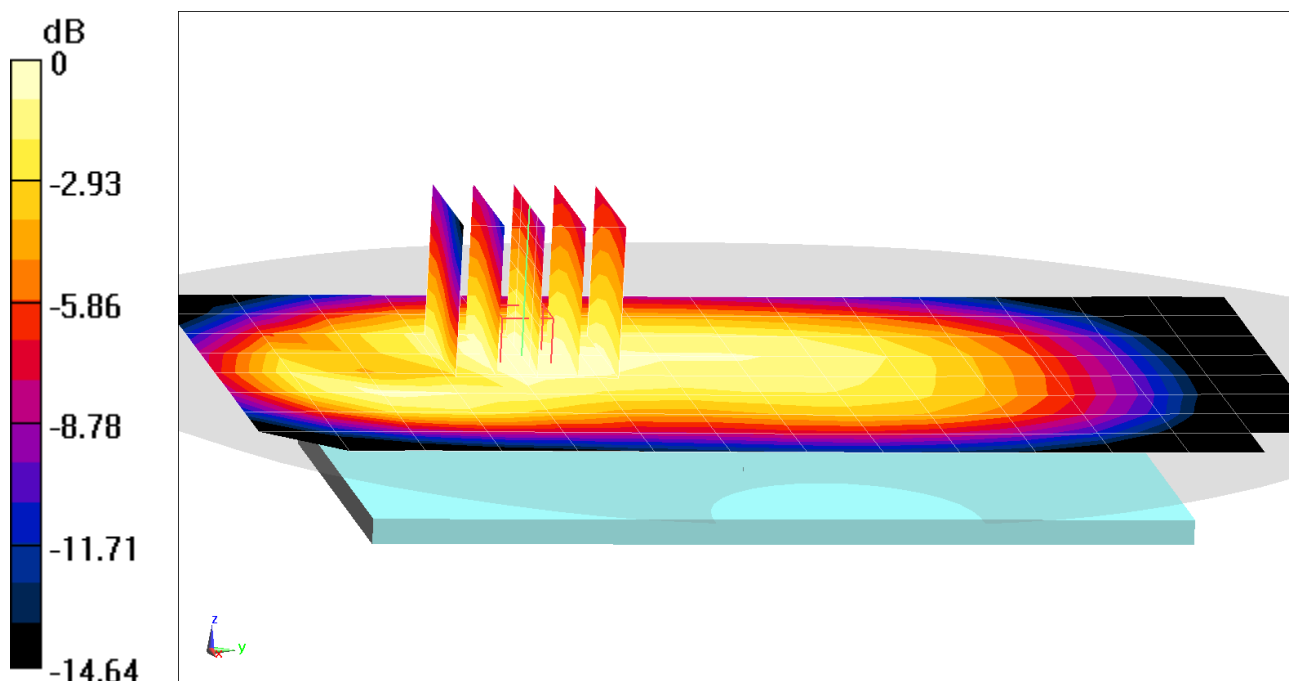
Area Scan (9x15x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Reference Value = 16.56 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 0.350 W/kg

SAR(1 g) = 0.258 W/kg



0 dB = 0.320 W/kg = -4.95 dBW/kg

PCTEST

DUT: A3LSMG996U; Type: Portable Handset; Serial: 0554M

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

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

$f = 793 \text{ MHz}$; $\sigma = 0.979 \text{ S/m}$; $\epsilon_r = 54.103$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section; Space: 1.0 cm

Test Date: 09/28/2020; Ambient Temp: 23.5°C; Tissue Temp: 21.4°C

Probe: EX3DV4 - SN7547; ConvF(9.98, 9.98, 9.98) @ 793 MHz; Calibrated: 8/19/2020

Sensor-Surface: 1.4mm (Mechanical Surface Detection)

Electronics: DAE4 Sn1323; Calibrated: 8/12/2020

Phantom: Left Twin-SAM V5.0 (30); Type: QD 000 P40 CD; Serial: 1792

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, 49 RB Offset

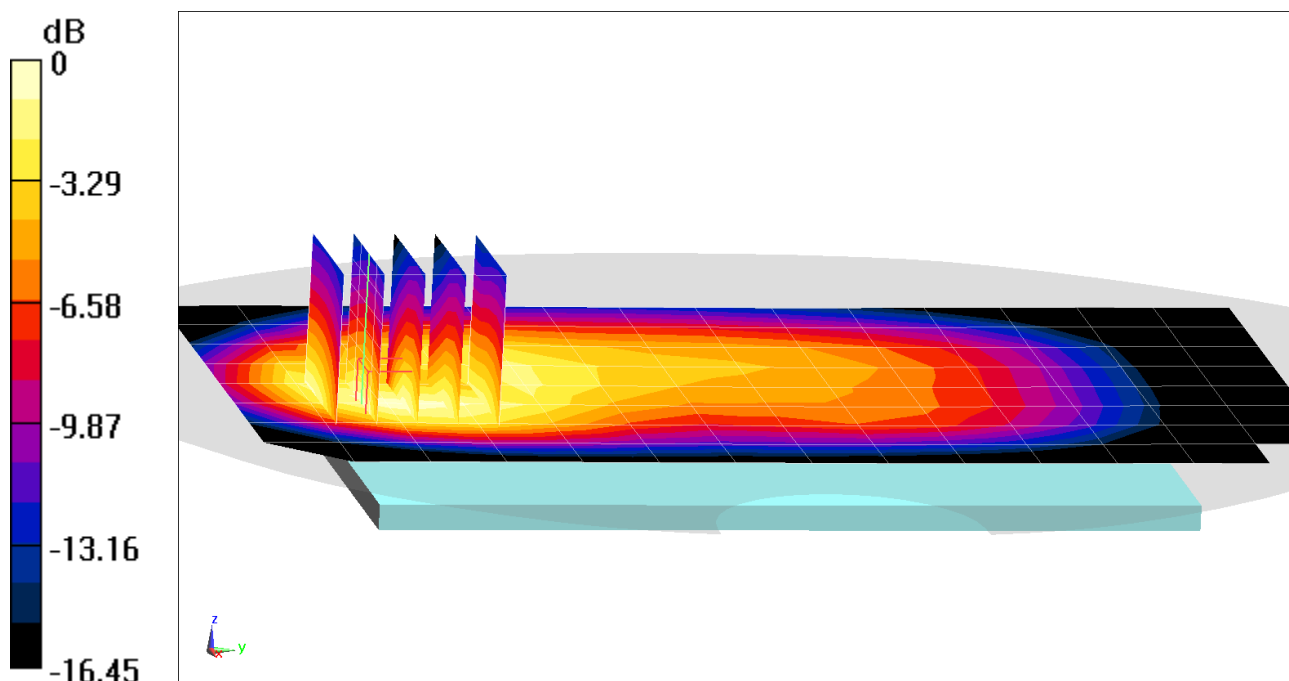
Area Scan (9x15x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Reference Value = 22.23 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 0.853 W/kg

SAR(1 g) = 0.481 W/kg



0 dB = 0.709 W/kg = -1.49 dBW/kg

PCTEST

DUT: A3LSMG996U; Type: Portable Handset; Serial: 0427M

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; $\sigma = 0.954$ S/m; $\epsilon_r = 52.646$; $\rho = 1000$ kg/m³

Phantom section: Flat Section; Space: 1.5 cm

Test Date: 09/24/2020; Ambient Temp: 23.7°C; Tissue Temp: 22.0°C

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

Sensor-Surface: 1.4mm (Mechanical Surface Detection)

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

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

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

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

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

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

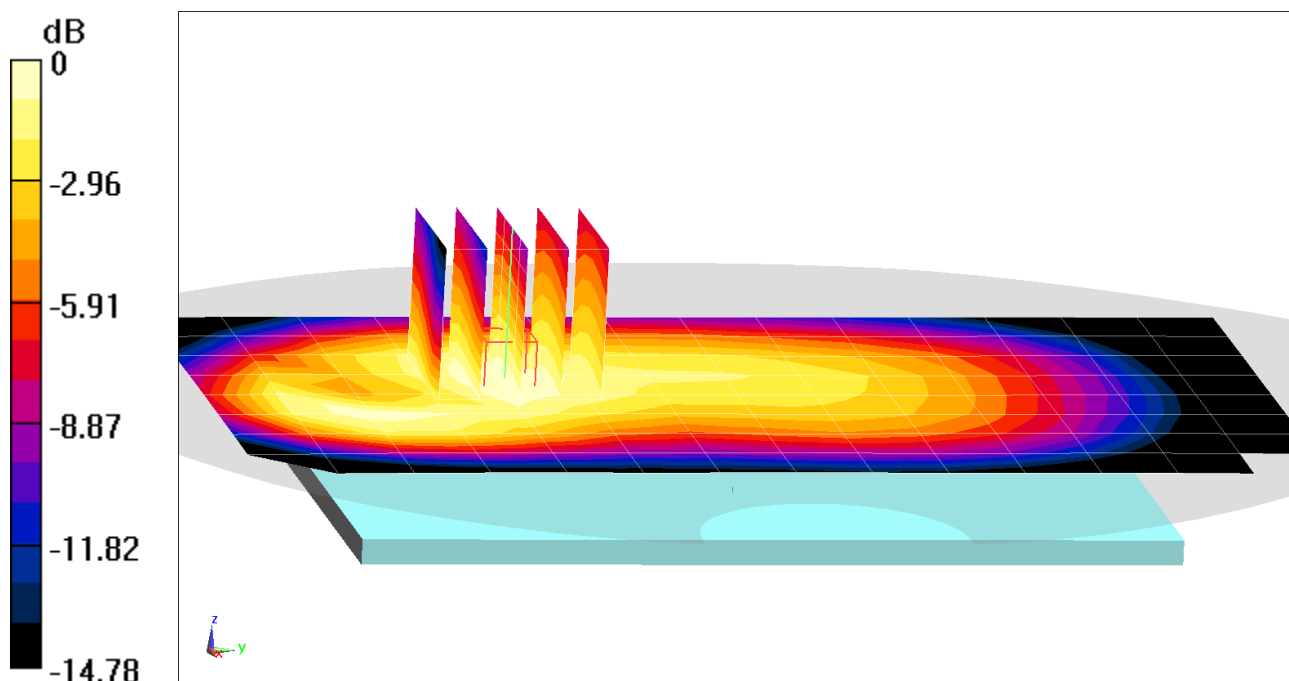
Area Scan (9x15x1): Measurement grid: dx=15mm, dy=15mm

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

Reference Value = 17.57 V/m; Power Drift = 0.00 dB

Peak SAR (extrapolated) = 0.402 W/kg

SAR(1 g) = 0.280 W/kg



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

PCTEST

DUT: A3LSMG996U; Type: Portable Handset; Serial: 0427M

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; $\sigma = 0.954$ S/m; $\epsilon_r = 52.646$; $\rho = 1000$ kg/m³

Phantom section: Flat Section; Space: 1.0 cm

Test Date: 09/24/2020; Ambient Temp: 23.7°C; Tissue Temp: 22.0°C

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

Sensor-Surface: 1.4mm (Mechanical Surface Detection)

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

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

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

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

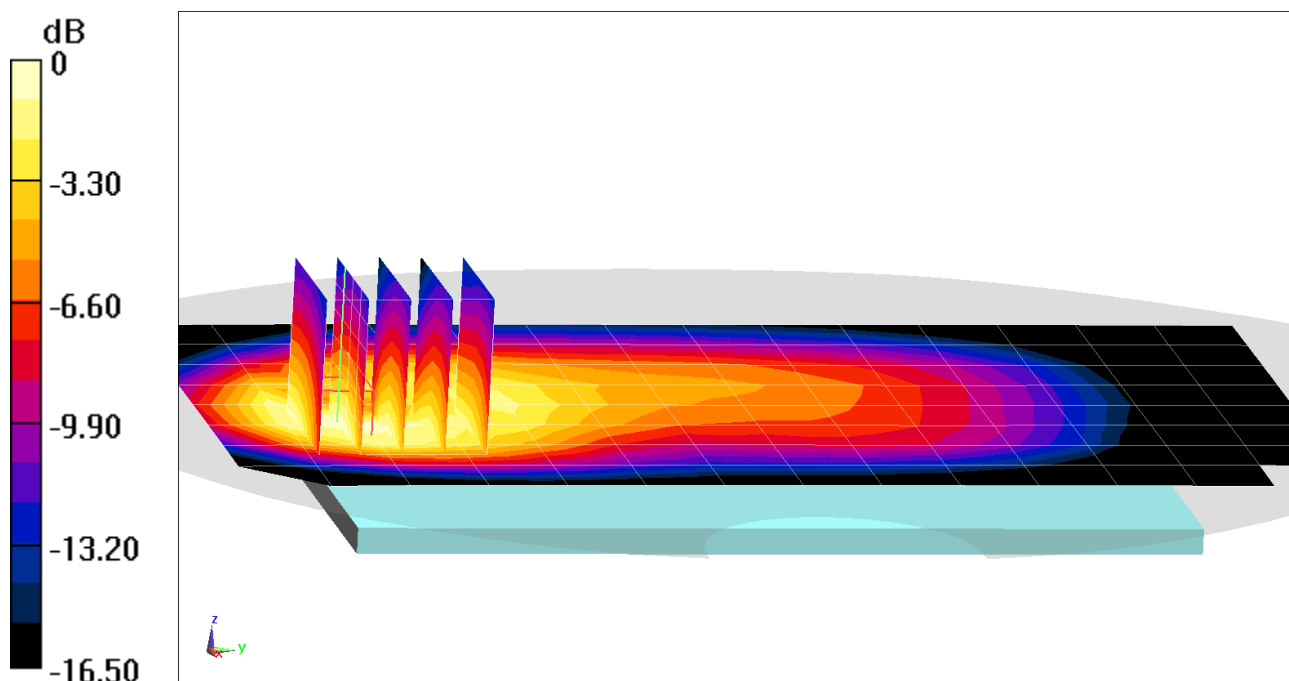
Area Scan (9x15x1): Measurement grid: dx=15mm, dy=15mm

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

Reference Value = 24.62 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 1.05 W/kg

SAR(1 g) = 0.568 W/kg



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

PCTEST

DUT: A3LSMG996U; Type: Portable Handset; Serial: 0509M

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; $\sigma = 0.946$ S/m; $\epsilon_r = 53.401$; $\rho = 1000$ kg/m³

Phantom section: Flat Section; Space: 1.5 cm

Test Date: 09/30/2020; Ambient Temp: 23.3°C; Tissue Temp: 22.2°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, 36 RB Offset

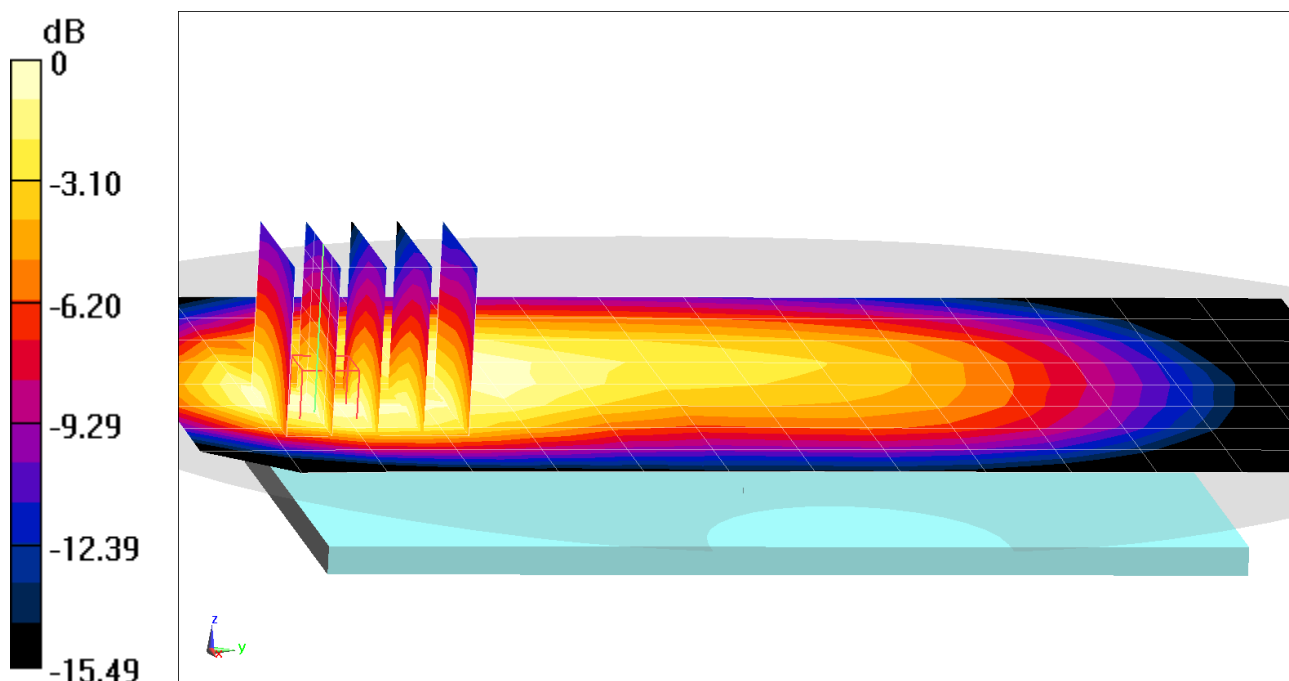
Area Scan (9x15x1): Measurement grid: dx=15mm, dy=15mm

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

Reference Value = 17.66 V/m; Power Drift = 0.00 dB

Peak SAR (extrapolated) = 0.485 W/kg

SAR(1 g) = 0.285 W/kg



PCTEST

DUT: A3LSMG996U; Type: Portable Handset; Serial: 0509M

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; $\sigma = 0.946$ S/m; $\epsilon_r = 53.401$; $\rho = 1000$ kg/m³

Phantom section: Flat Section; Space: 1.0 cm

Test Date: 09/30/2020; Ambient Temp: 23.3°C; Tissue Temp: 22.2°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, 36 RB Offset

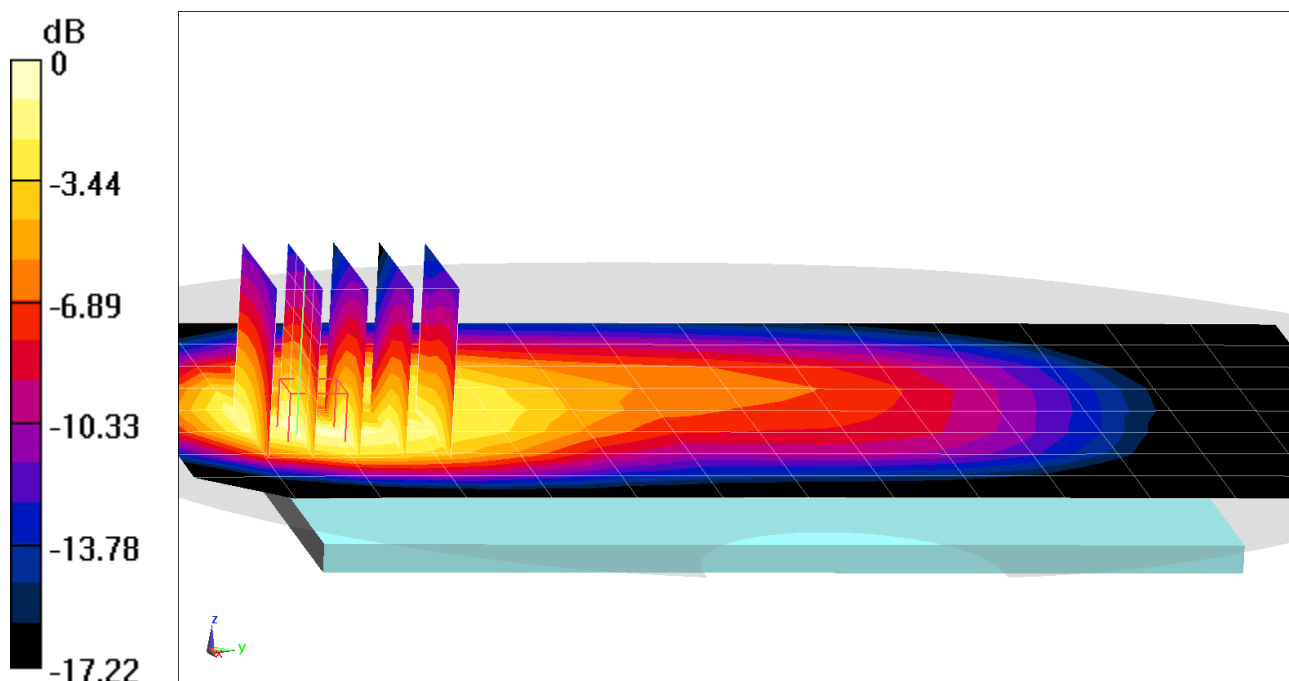
Area Scan (9x15x1): Measurement grid: dx=15mm, dy=15mm

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

Reference Value = 26.04 V/m; Power Drift = 0.18 dB

Peak SAR (extrapolated) = 1.25 W/kg

SAR(1 g) = 0.680 W/kg



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

PCTEST

DUT: A3LSMG996U; Type: Portable Handset; Serial: 0421M

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; $\epsilon_r = 51.675$; $\rho = 1000$ kg/m³

Phantom section: Flat Section; Space: 1.5 cm

Test Date: 09/28/2020; Ambient Temp: 20.9°C; Tissue Temp: 20.9°C

Probe: EX3DV4 - SN7570; ConvF(8.48, 8.48, 8.48) @ 1745 MHz; Calibrated: 12/11/2019

Sensor-Surface: 1.4mm (Mechanical Surface Detection)

Electronics: DAE4 Sn1368; Calibrated: 3/12/2020

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), CA_66C ULCA, Body SAR, Back side

PCC: Ch. 132322, 20 MHz Bandwidth, QPSK, 1 RB, 0 RB Offset

SCC: Ch. 132124, 20 MHz Bandwidth, QPSK, 1 RB, 99 RB Offset

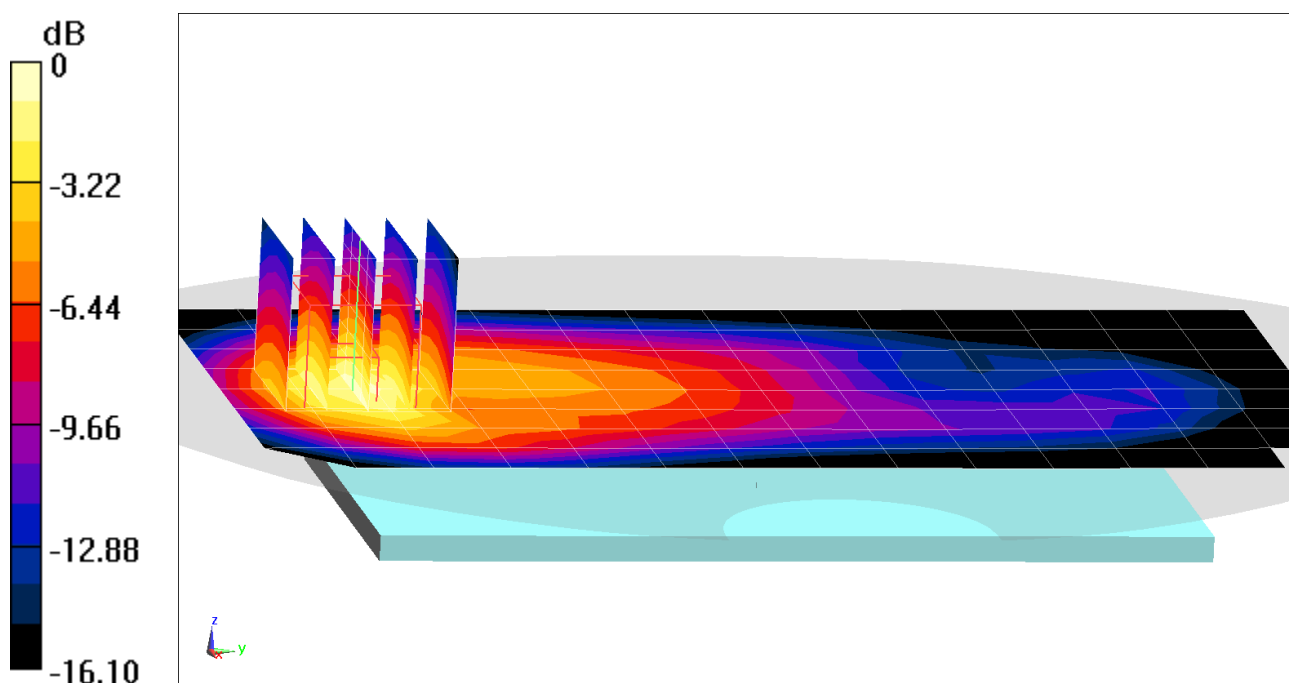
Area Scan (9x15x1): Measurement grid: dx=15mm, dy=15mm

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

Reference Value = 24.05 V/m; Power Drift = -0.13 dB

Peak SAR (extrapolated) = 1.27 W/kg

SAR(1 g) = 0.800 W/kg



0 dB = 1.11 W/kg = 0.45 dBW/kg

PCTEST

DUT: A3LSMG996U; Type: Portable Handset; Serial: 0421M

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

Medium: 1750 Body; Medium parameters used:

$f = 1745$ MHz; $\sigma = 1.506$ S/m; $\epsilon_r = 50.918$; $\rho = 1000$ kg/m³

Phantom section: Flat Section; Space: 1.0 cm

Test Date: 09/30/2020; Ambient Temp: 21.9°C; Tissue Temp: 22.1°C

Probe: EX3DV4 - SN7570; ConvF(8.48, 8.48, 8.48) @ 1745 MHz; Calibrated: 12/11/2019

Sensor-Surface: 1.4mm (Mechanical Surface Detection)

Electronics: DAE4 Sn1368; Calibrated: 3/12/2020

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), Body SAR, Bottom Edge, Mid.ch
20 MHz Bandwidth, QPSK, 50 RB, 25 RB Offset

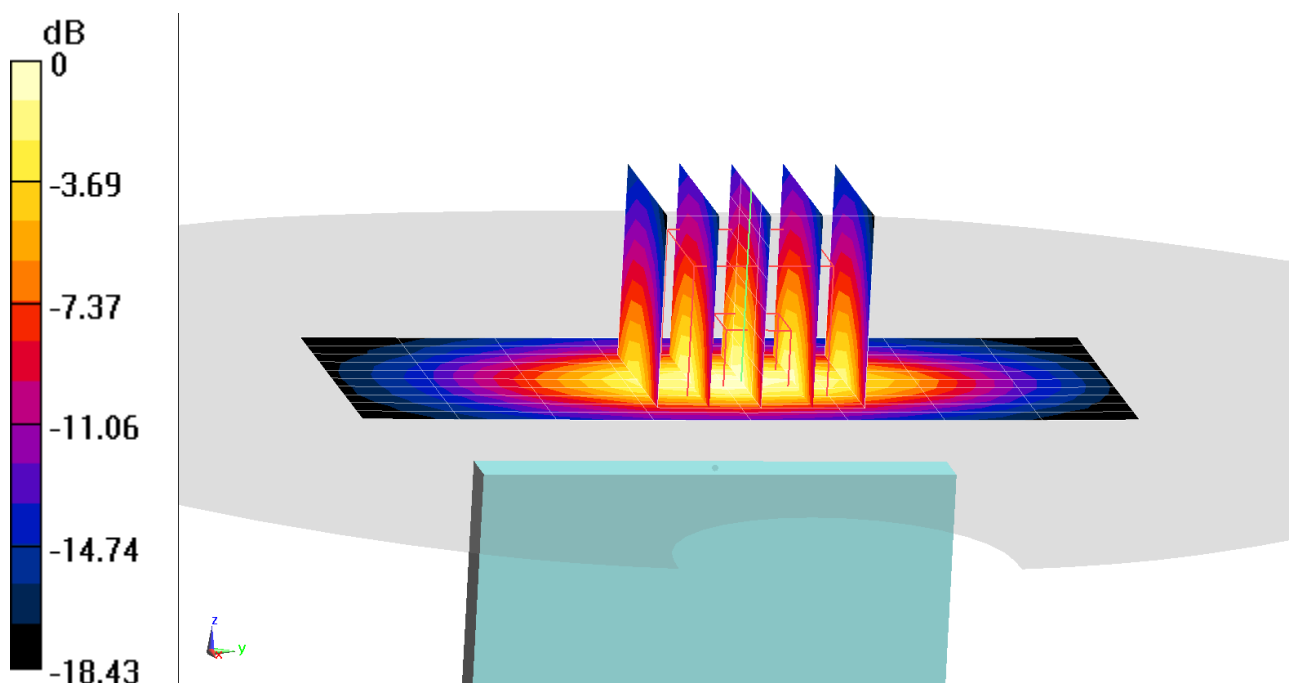
Area Scan (11x9x1): Measurement grid: dx=5mm, dy=15mm

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

Reference Value = 23.91 V/m; Power Drift = 0.17 dB

Peak SAR (extrapolated) = 1.46 W/kg

SAR(1 g) = 0.837 W/kg



0 dB = 1.20 W/kg = 0.79 dBW/kg

PCTEST

DUT: A3LSMG996U; Type: Portable Handset; Serial: 0520M

Communication System: UID 0, LTE Band 25 (PCS); Frequency: 1860 MHz; Duty Cycle: 1:1

Medium: 1900 Body; Medium parameters used:

$f = 1860$ MHz; $\sigma = 1.498$ S/m; $\epsilon_r = 52.849$; $\rho = 1000$ kg/m³

Phantom section: Flat Section; Space: 1.5 cm

Test Date: 10/04/2020; Ambient Temp: 21.3°C; Tissue Temp: 22.6°C

Probe: EX3DV4 - SN7571; ConvF(7.56, 7.56, 7.56) @ 1860 MHz; Calibrated: 12/11/2019

Sensor-Surface: 1.4mm (Mechanical Surface Detection)

Electronics: DAE4 Sn1533; Calibrated: 12/5/2019

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, Back side, Low.ch
20 MHz Bandwidth, QPSK, 1 RB, 0 RB Offset

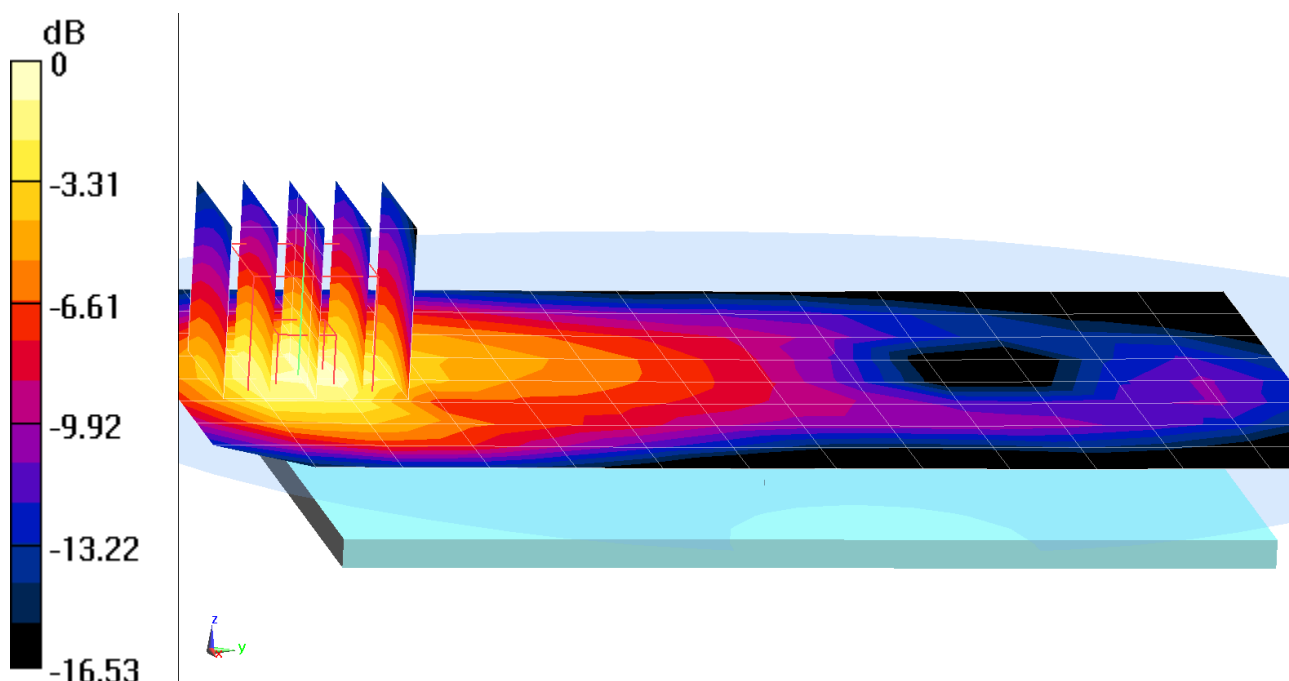
Area Scan (9x14x1): Measurement grid: dx=15mm, dy=15mm

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

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

Peak SAR (extrapolated) = 0.977 W/kg

SAR(1 g) = 0.607 W/kg



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

PCTEST

DUT: A3LSMG996U; Type: Portable Handset; Serial: 0520M

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

Medium: 1900 Body; Medium parameters used:

$f = 1905$ MHz; $\sigma = 1.546$ S/m; $\epsilon_r = 52.694$; $\rho = 1000$ kg/m³

Phantom section: Flat Section; Space: 1.0 cm

Test Date: 10/04/2020; Ambient Temp: 21.3°C; Tissue Temp: 22.6°C

Probe: EX3DV4 - SN7571; ConvF(7.56, 7.56, 7.56) @ 1905 MHz; Calibrated: 12/11/2019

Sensor-Surface: 1.4mm (Mechanical Surface Detection)

Electronics: DAE4 Sn1533; Calibrated: 12/5/2019

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, High.ch
20 MHz Bandwidth, QPSK, 50 RB, 25 RB Offset

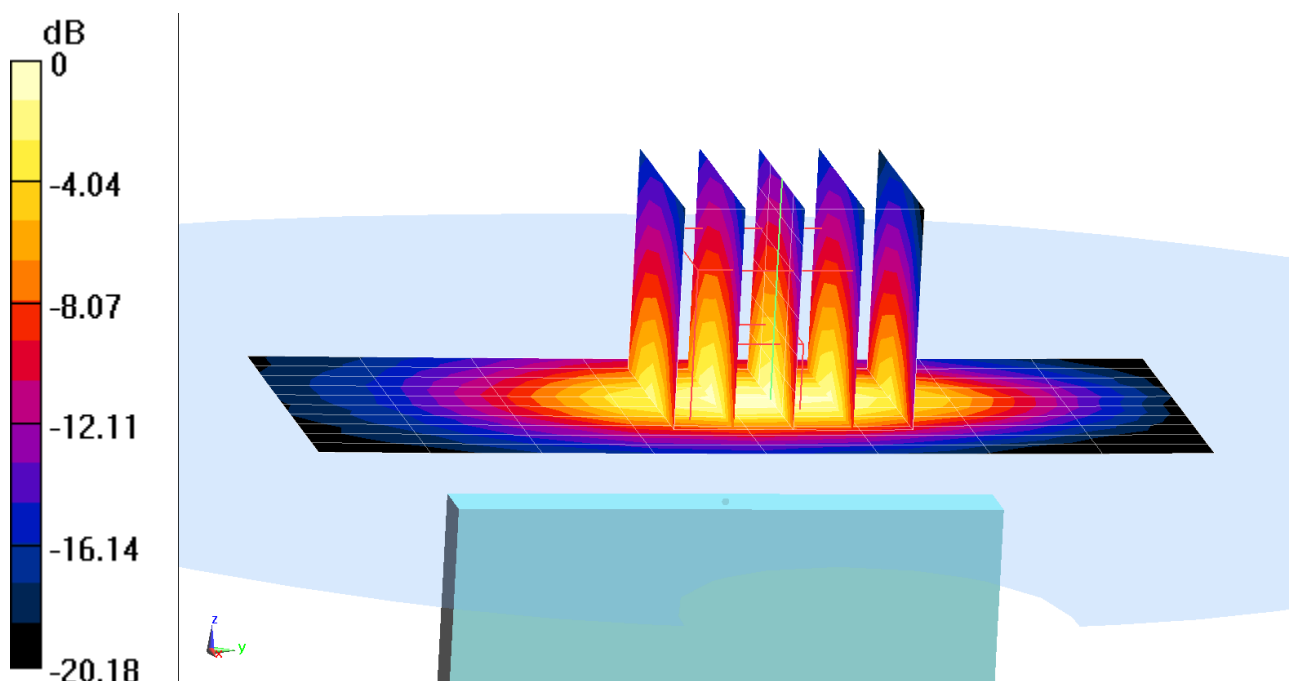
Area Scan (11x9x1): Measurement grid: dx=5mm, dy=15mm

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

Reference Value = 22.96 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 1.35 W/kg

SAR(1 g) = 0.733 W/kg



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

PCTEST

DUT: A3LSMG996U; Type: Portable Handset; Serial: 0560M

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

Medium: 2450 Body; Medium parameters used:

$f = 2310$ MHz; $\sigma = 1.887$ S/m; $\epsilon_r = 51.702$; $\rho = 1000$ kg/m³

Phantom section: Flat Section; Space: 1.5 cm

Test Date: 10/11/2020; Ambient Temp: 22.9°C; Tissue Temp: 21.3°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, 25 RB Offset

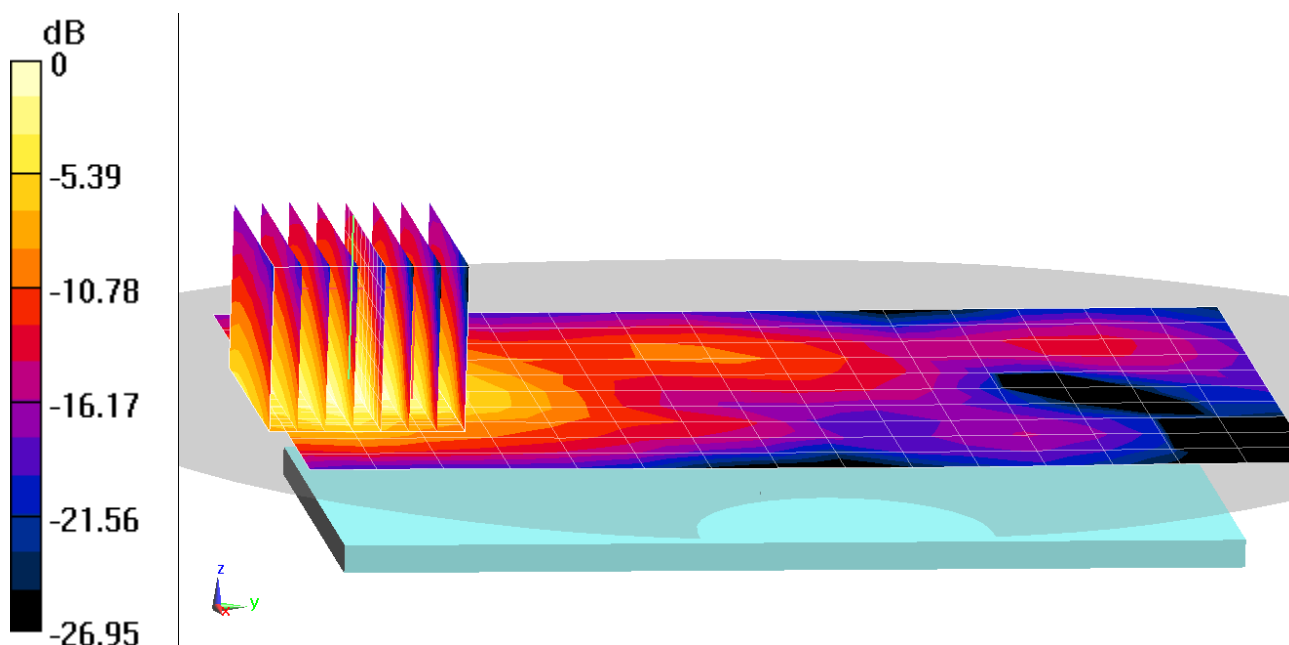
Area Scan (11x16x1): Measurement grid: dx=12mm, dy=12mm

Zoom Scan (11x8x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 12.35 V/m; Power Drift = 0.17 dB

Peak SAR (extrapolated) = 0.809 W/kg

SAR(1 g) = 0.443 W/kg



0 dB = 0.660 W/kg = -1.80 dBW/kg

PCTEST

DUT: A3LSMG996U; Type: Portable Handset; Serial: 0560M

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

Medium: 2450 Body; Medium parameters used:

$f = 2310$ MHz; $\sigma = 1.877$ S/m; $\epsilon_r = 51.835$; $\rho = 1000$ kg/m³

Phantom section: Flat Section; Space: 1.0 cm

Test Date: 10/01/2020; Ambient Temp: 22.4°C; Tissue Temp: 22.2°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, Bottom Edge, Mid.ch
10 MHz Bandwidth, QPSK, 1 RB, 0 RB Offset

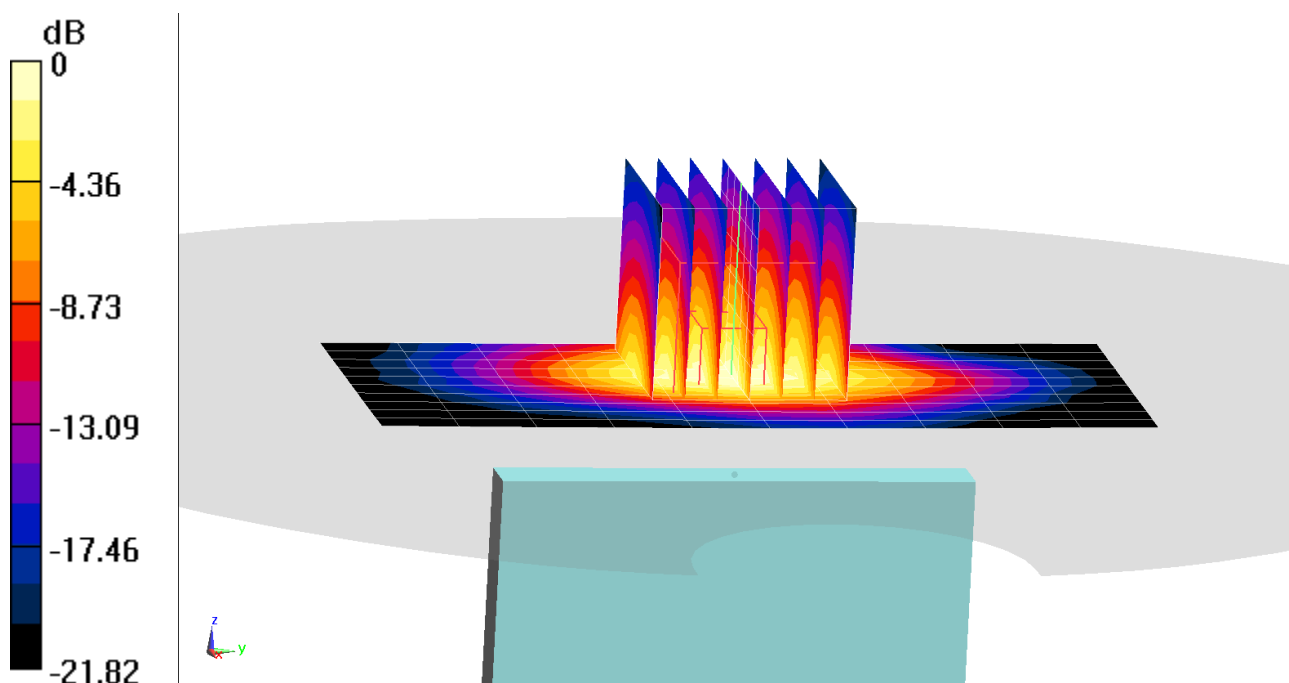
Area Scan (11x11x1): Measurement grid: dx=5mm, dy=12mm

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

Reference Value = 22.42 V/m; Power Drift = -0.11 dB

Peak SAR (extrapolated) = 1.65 W/kg

SAR(1 g) = 0.830 W/kg



0 dB = 1.34 W/kg = 1.27 dBW/kg

PCTEST

DUT: A3LSMG996U; Type: Portable Handset; Serial: 0579M

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

Medium: 2450 Body; Medium parameters used:

$f = 2535$ MHz; $\sigma = 2.132$ S/m; $\epsilon_r = 51.185$; $\rho = 1000$ kg/m³

Phantom section: Flat Section; Space: 1.5 cm

Test Date: 10/01/2020; Ambient Temp: 22.4°C; Tissue Temp: 22.2°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, Body SAR, Back side, Mid.ch
20 MHz Bandwidth, QPSK, 1 RB, 99 RB Offset

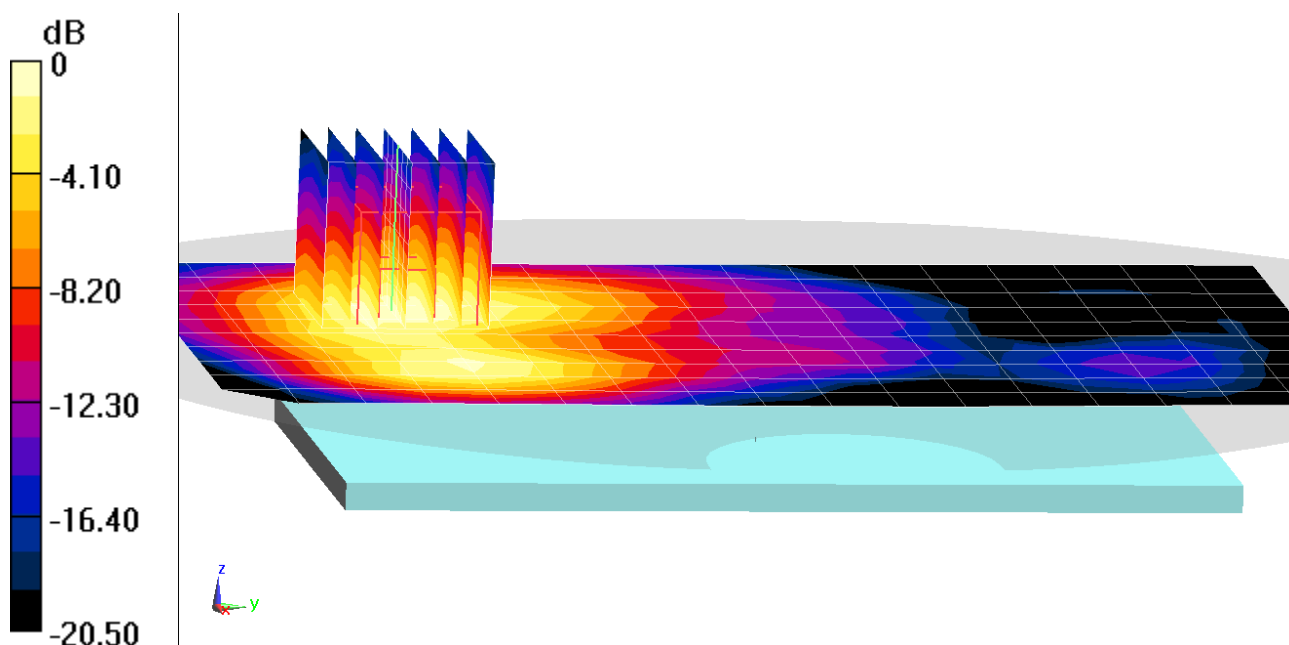
Area Scan (11x18x1): Measurement grid: dx=12mm, dy=12mm

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

Reference Value = 13.37 V/m; Power Drift = 0.09 dB

Peak SAR (extrapolated) = 0.696 W/kg

SAR(1 g) = 0.358 W/kg



0 dB = 0.562 W/kg = -2.50 dBW/kg

PCTEST

DUT: A3LSMG996U; Type: Portable Handset; Serial: 0579M

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

Medium: 2450 Body; Medium parameters used:

$f = 2535$ MHz; $\sigma = 2.132$ S/m; $\epsilon_r = 51.185$; $\rho = 1000$ kg/m³

Phantom section: Flat Section; Space: 1.0 cm

Test Date: 10/01/2020; Ambient Temp: 22.4°C; Tissue Temp: 22.2°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, Body SAR, Back side, Mid.ch
20 MHz Bandwidth, QPSK, 50 RB, 25 RB Offset

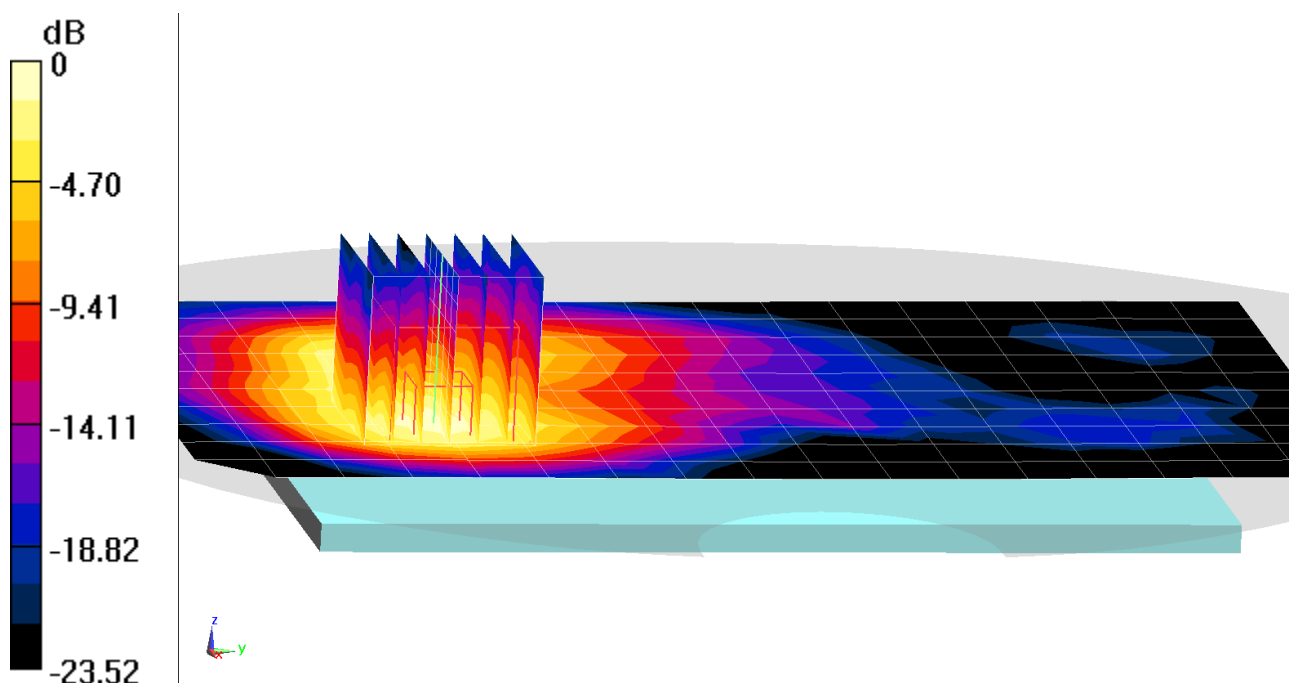
Area Scan (11x18x1): Measurement grid: dx=12mm, dy=12mm

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

Reference Value = 11.79 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 0.588 W/kg

SAR(1 g) = 0.271 W/kg



PCTEST

DUT: A3LSMG996U; Type: Portable Handset; Serial: 0414M

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

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

$f = 2593$ MHz; $\sigma = 2.204$ S/m; $\epsilon_r = 50.157$; $\rho = 1000$ kg/m³

Phantom section: Flat Section; Space: 1.5 cm

Test Date: 10/04/2020; Ambient Temp: 23.1°C; Tissue Temp: 23.5°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, ULCA, Body SAR, Back side

PCC: Ch. 40620, 20 MHz Bandwidth, QPSK, 1 RB, 99 RB Offset

SCC: Ch. 40818, 20 MHz Bandwidth, QPSK, 1 RB, 0 RB Offset

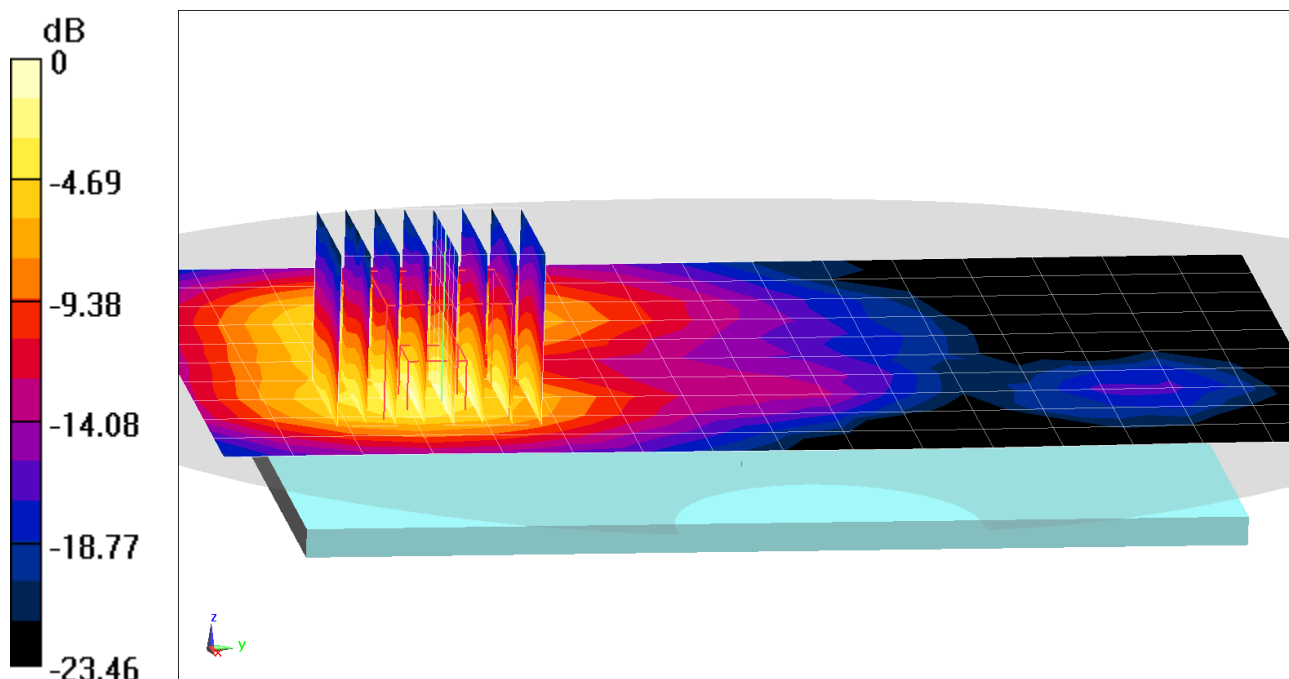
Area Scan (11x17x1): Measurement grid: dx=12mm, dy=12mm

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

Reference Value = 13.75 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 0.826 W/kg

SAR(1 g) = 0.395 W/kg



0 dB = 0.648 W/kg = -1.88 dBW/kg

PCTEST

DUT: A3LSMG996U; Type: Portable Handset; Serial: 0414M

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

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

$f = 2593 \text{ MHz}$; $\sigma = 2.216 \text{ S/m}$; $\epsilon_r = 51.491$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section; Space: 1.0 cm

Test Date: 09/28/2020; Ambient Temp: 22.0°C; Tissue Temp: 22.4°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 PC3, ULCA, Body SAR, Bottom Edge

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

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

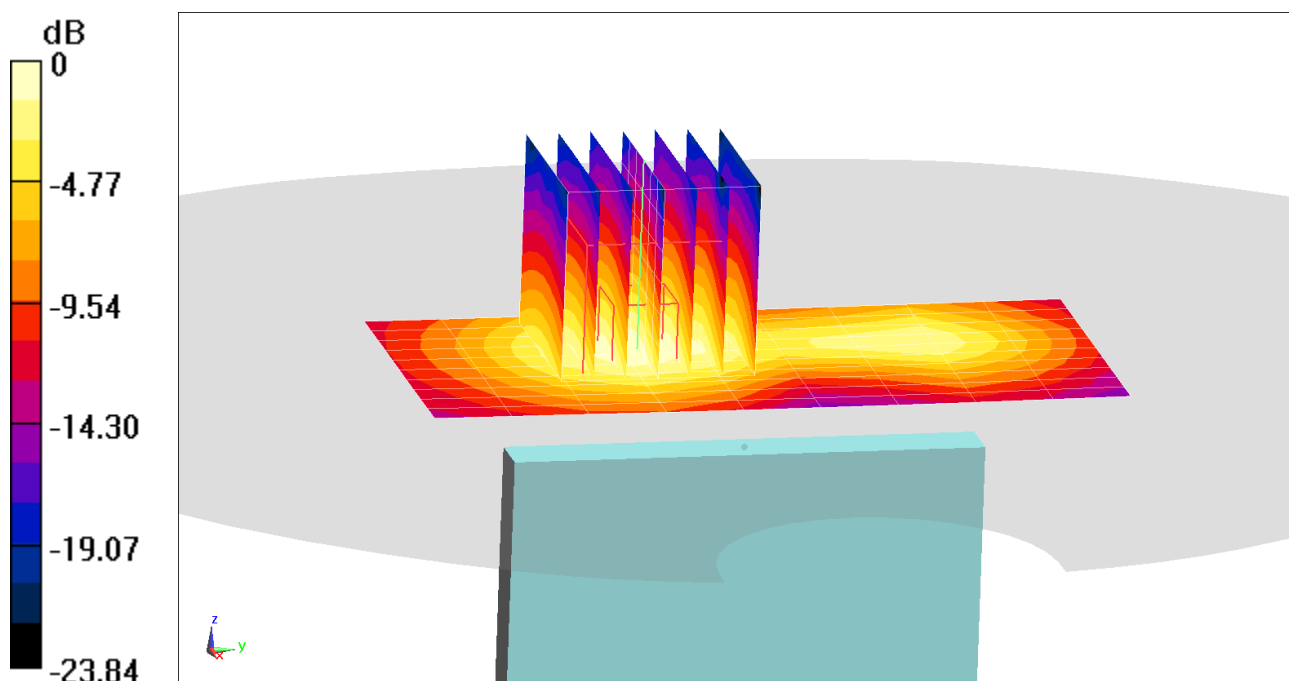
Area Scan (11x10x1): Measurement grid: dx=5mm, dy=12mm

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

Reference Value = 12.32 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 0.621 W/kg

SAR(1 g) = 0.309 W/kg



0 dB = 0.498 W/kg = -3.03 dBW/kg

PCTEST

DUT: A3LSMG996U; Type: Portable Handset; Serial: 0764M

Communication System: UID 0, LTE Band 48; Frequency: 3560 MHz; Duty Cycle: 1:1.58

Medium: 3600 Body; Medium parameters used:

$f = 3560$ MHz; $\sigma = 3.239$ S/m; $\epsilon_r = 49.979$; $\rho = 1000$ kg/m³

Phantom section: Flat Section; Space: 1.5 cm

Test Date: 11/09/2020; Ambient Temp: 23.9°C; Tissue Temp: 21.7°C

Probe: EX3DV4 - SN7539; ConvF(6.5, 6.5, 6.5) @ 3560 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

PCC: Ch. 55340, 20 MHz Bandwidth, QPSK, 1 RB, 99 RB Offset

SCC: Ch. 55538, 20 MHz Bandwidth, QPSK, 1 RB, 0 RB Offset

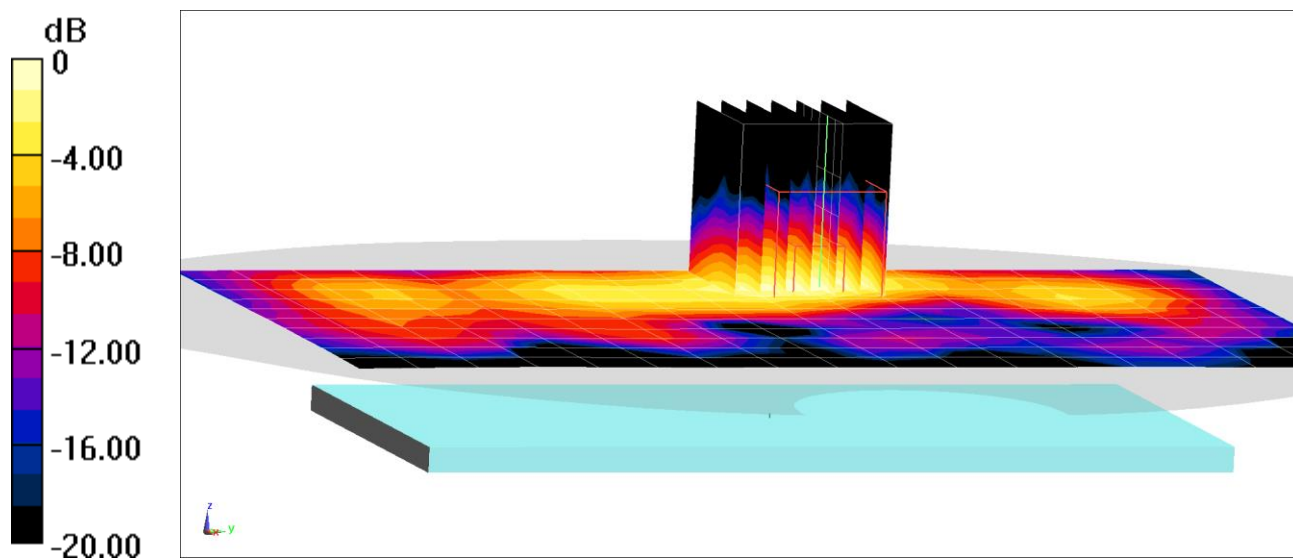
Area Scan (11x18x1): Measurement grid: dx=12mm, dy=12mm

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

Reference Value = 6.575 V/m; Power Drift = -0.18 dB

Peak SAR (extrapolated) = 0.336 W/kg

SAR(1 g) = 0.140 W/kg



0 dB = 0.246 W/kg = -6.09 dBW/kg

PCTEST

DUT: A3LSMG996U; Type: Portable Handset; Serial: 0764M

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

Medium: 3600 Body; Medium parameters used:

$f = 3690$ MHz; $\sigma = 3.389$ S/m; $\epsilon_r = 49.749$; $\rho = 1000$ kg/m³

Phantom section: Flat Section; Space: 1.0 cm

Test Date: 11/09/2020; Ambient Temp: 23.9°C; Tissue Temp: 21.7°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, ULCA, Body SAR, Right Edge

PCC: Ch. 56640, 20 MHz Bandwidth, QPSK, 50 RB, 0 RB Offset

SCC: Ch. 56442, 20 MHz Bandwidth, QPSK, 50 RB, 50 RB Offset

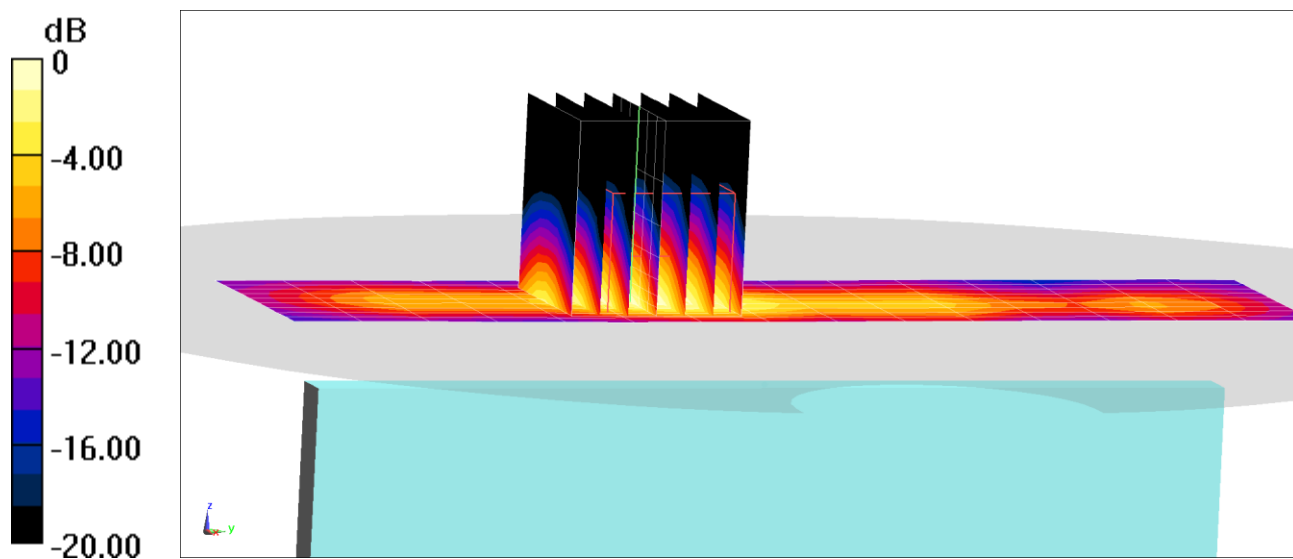
Area Scan (10x16x1): Measurement grid: dx=5mm, dy=12mm

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

Reference Value = 14.07 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 1.60 W/kg

SAR(1 g) = 0.595 W/kg



0 dB = 1.13 W/kg = 0.53 dBW/kg

PCTEST

DUT: A3LSMG996U; Type: Portable Handset; Serial: 0413M

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

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

$f = 680.5 \text{ MHz}$; $\sigma = 0.936 \text{ S/m}$; $\epsilon_r = 54.244$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section; Space: 1.5 cm

Test Date: 10/26/2020; Ambient Temp: 21.1°C; Tissue Temp: 20.2°C

Probe: EX3DV4 - SN7547; ConvF(9.98, 9.98, 9.98) @ 680.5 MHz; Calibrated: 8/19/2020

Sensor-Surface: 1.4mm (Mechanical Surface Detection)

Electronics: DAE4 Sn1323; Calibrated: 8/12/2020

Phantom: Left Twin-SAM V5.0 (30); Type: QD 000 P40 CD; Serial: 1792

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, 1 RB, 53 RB Offset

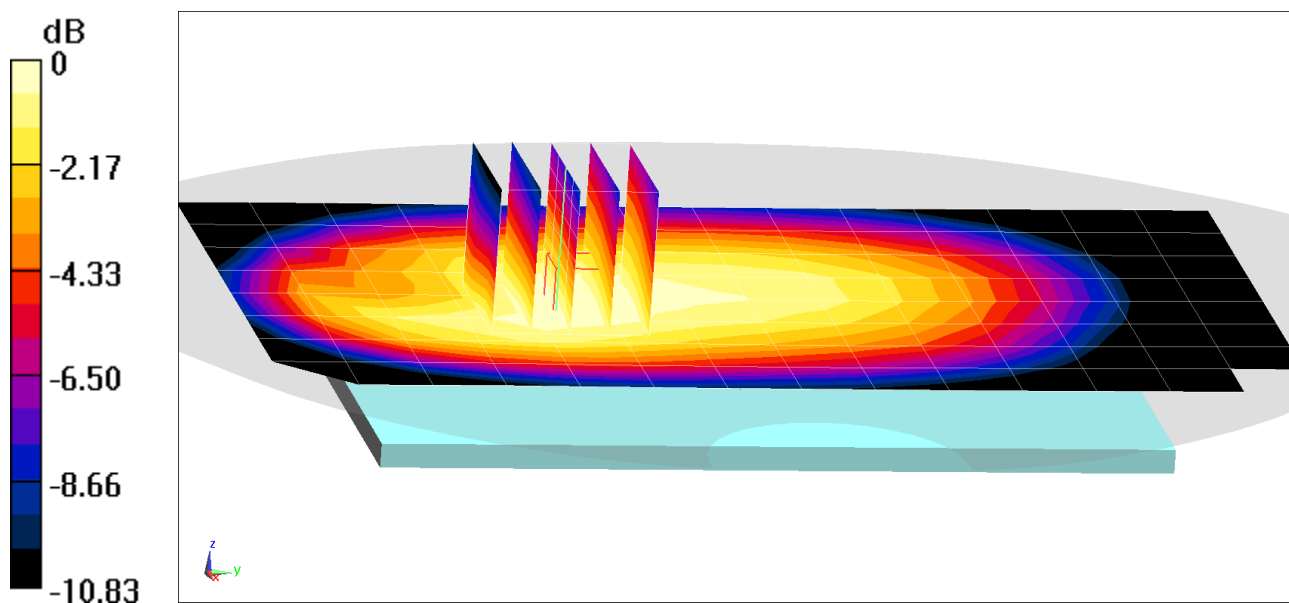
Area Scan (9x15x1): Measurement grid: dx=15mm, dy=15mm

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

Reference Value = 8.902 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 0.0980 W/kg

SAR(1 g) = 0.073 W/kg



0 dB = 0.0890 W/kg = -10.51 dBW/kg

PCTEST

DUT: A3LSMG996U; Type: Portable Handset; Serial: 0413M

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

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

$f = 680.5$ MHz; $\sigma = 0.936$ S/m; $\epsilon_r = 54.244$; $\rho = 1000$ kg/m³

Phantom section: Flat Section; Space: 1.0 cm

Test Date: 10/26/2020; Ambient Temp: 21.1°C; Tissue Temp: 20.2°C

Probe: EX3DV4 - SN7547; ConvF(9.98, 9.98, 9.98) @ 680.5 MHz; Calibrated: 8/19/2020

Sensor-Surface: 1.4mm (Mechanical Surface Detection)

Electronics: DAE4 Sn1323; Calibrated: 8/12/2020

Phantom: Left Twin-SAM V5.0 (30); Type: QD 000 P40 CD; Serial: 1792

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**

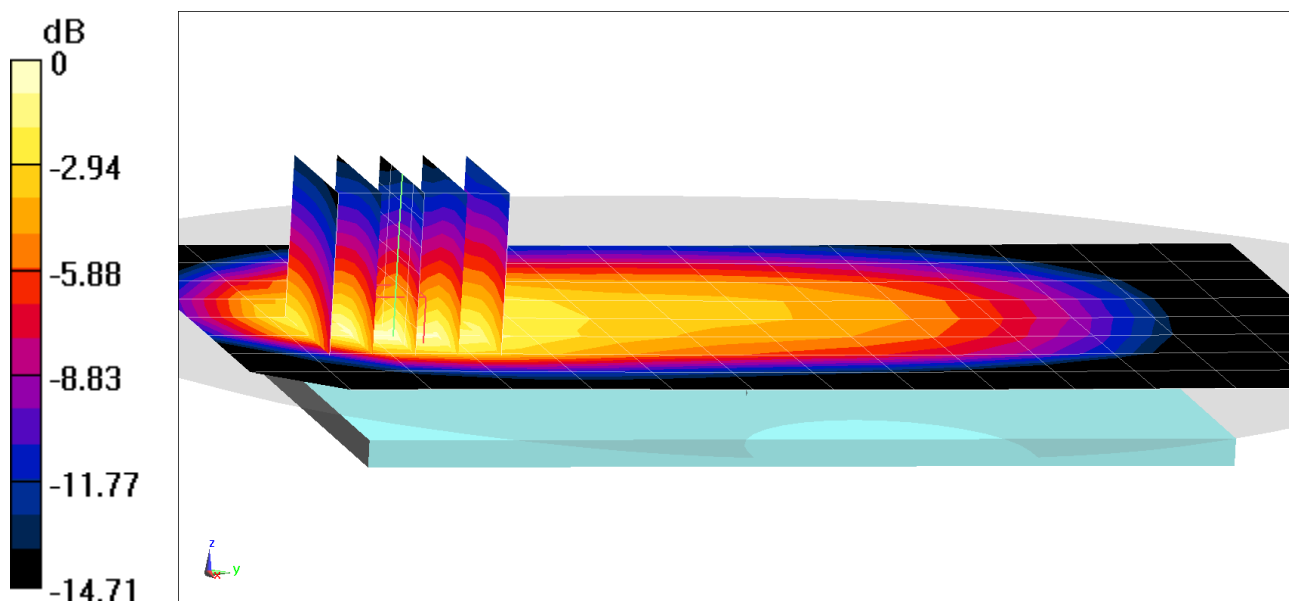
Area Scan (9x15x1): Measurement grid: dx=15mm, dy=15mm

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

Reference Value = 18.74 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.559 W/kg

SAR(1 g) = 0.302 W/kg



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

PCTEST

DUT: A3LSMG996U; Type: Portable Handset; Serial: 0406M

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

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

$f = 707.5$ MHz; $\sigma = 0.975$ S/m; $\epsilon_r = 53.081$; $\rho = 1000$ kg/m³

Phantom section: Flat Section; Space: 1.5 cm

Test Date: 10/20/2020; Ambient Temp: 23.3°C; Tissue Temp: 21.9°C

Probe: EX3DV4 - SN7547; ConvF(9.98, 9.98, 9.98) @ 707.5 MHz; Calibrated: 8/19/2020

Sensor-Surface: 1.4mm (Mechanical Surface Detection)

Electronics: DAE4 Sn1323; Calibrated: 8/12/2020

Phantom: Left Twin-SAM V5.0 (30); Type: QD 000 P40 CD; Serial: 1792

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

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

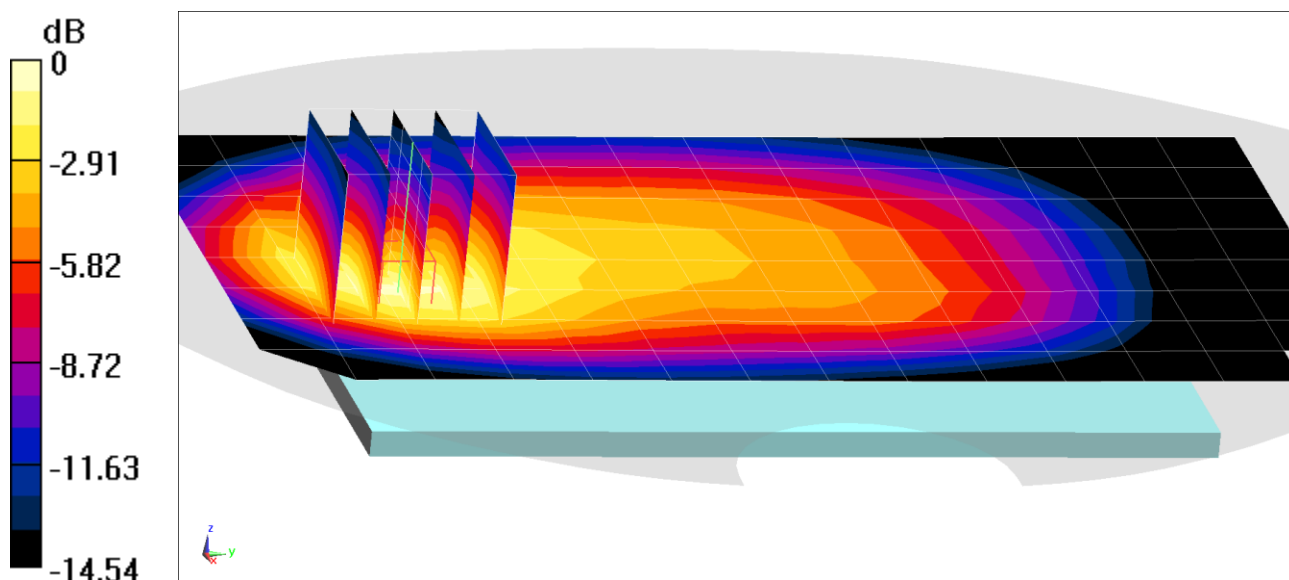
Area Scan (9x15x1): Measurement grid: dx=15mm, dy=15mm

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

Reference Value = 16.71 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 0.456 W/kg

SAR(1 g) = 0.254 W/kg



PCTEST

DUT: A3LSMG996U; Type: Portable Handset; Serial: 0406M

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

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

$f = 707.5$ MHz; $\sigma = 0.975$ S/m; $\epsilon_r = 53.081$; $\rho = 1000$ kg/m³

Phantom section: Flat Section; Space: 1.0 cm

Test Date: 10/20/2020; Ambient Temp: 23.3°C; Tissue Temp: 21.9°C

Probe: EX3DV4 - SN7547; ConvF(9.98, 9.98, 9.98) @ 707.5 MHz; Calibrated: 8/19/2020

Sensor-Surface: 1.4mm (Mechanical Surface Detection)

Electronics: DAE4 Sn1323; Calibrated: 8/12/2020

Phantom: Left Twin-SAM V5.0 (30); Type: QD 000 P40 CD; Serial: 1792

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

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

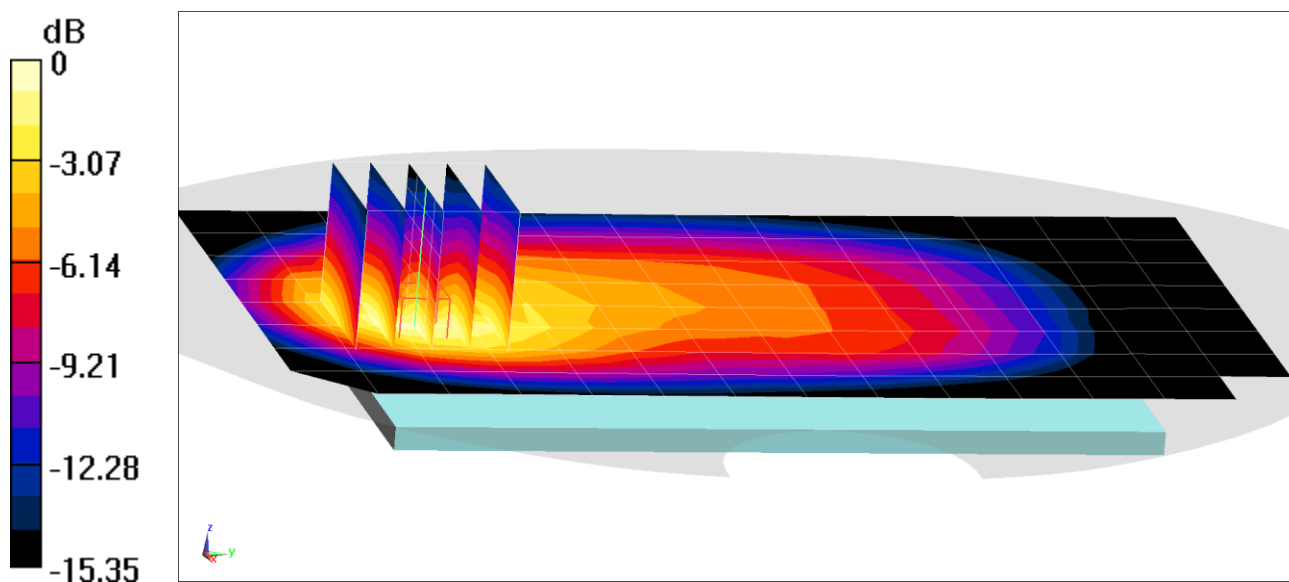
Area Scan (9x15x1): Measurement grid: dx=15mm, dy=15mm

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

Reference Value = 20.15 V/m; Power Drift = -0.12 dB

Peak SAR (extrapolated) = 0.676 W/kg

SAR(1 g) = 0.361 W/kg



PCTEST

DUT: A3LSMG996U; Type: Portable Handset; Serial: 0407M

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

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

$f = 836.5$ MHz; $\sigma = 0.947$ S/m; $\epsilon_r = 52.826$; $\rho = 1000$ kg/m³

Phantom section: Flat Section; Space: 1.5 cm

Test Date: 10/12/2020; Ambient Temp: 22.2°C; Tissue Temp: 21.3°C

Probe: EX3DV4 - SN7570; ConvF(9.83, 9.83, 9.83) @ 836.5 MHz; Calibrated: 12/11/2019

Sensor-Surface: 1.4mm (Mechanical Surface Detection)

Electronics: DAE4 Sn1368; Calibrated: 3/12/2020

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 n5, Body SAR, Back Side, 20 MHz Bandwidth

DFT-s-OFDM QPSK, Ch. 167300, 1 RB, 104 RB Offset

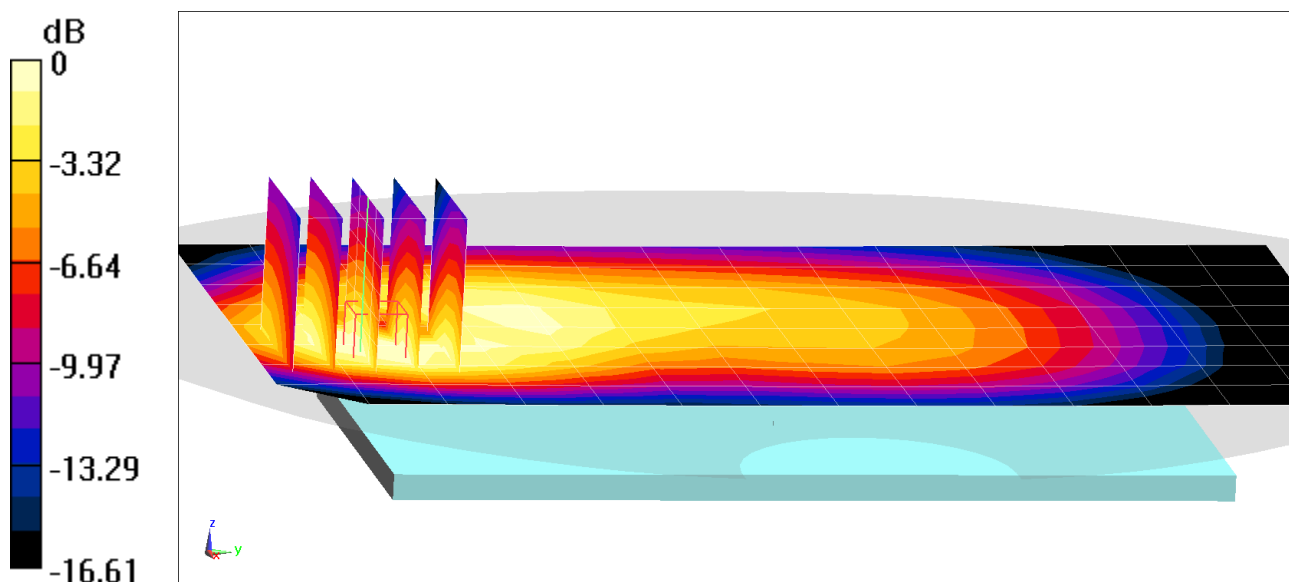
Area Scan (9x15x1): Measurement grid: dx=15mm, dy=15mm

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

Reference Value = 15.55 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 0.440 W/kg

SAR(1 g) = 0.267 W/kg



0 dB = 0.372 W/kg = -4.29 dBW/kg

PCTEST

DUT: A3LSMG996U; Type: Portable Handset; Serial: 0407M

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

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

$f = 836.5$ MHz; $\sigma = 0.947$ S/m; $\epsilon_r = 52.826$; $\rho = 1000$ kg/m³

Phantom section: Flat Section; Space: 1.0 cm

Test Date: 10/12/2020; Ambient Temp: 22.2°C; Tissue Temp: 21.3°C

Probe: EX3DV4 - SN7570; ConvF(9.83, 9.83, 9.83) @ 836.5 MHz; Calibrated: 12/11/2019

Sensor-Surface: 1.4mm (Mechanical Surface Detection)

Electronics: DAE4 Sn1368; Calibrated: 3/12/2020

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 n5, Body SAR, Back Side, 20 MHz Bandwidth

DFT-s-OFDM QPSK, Ch. 167300, 50 RB, 28 RB Offset

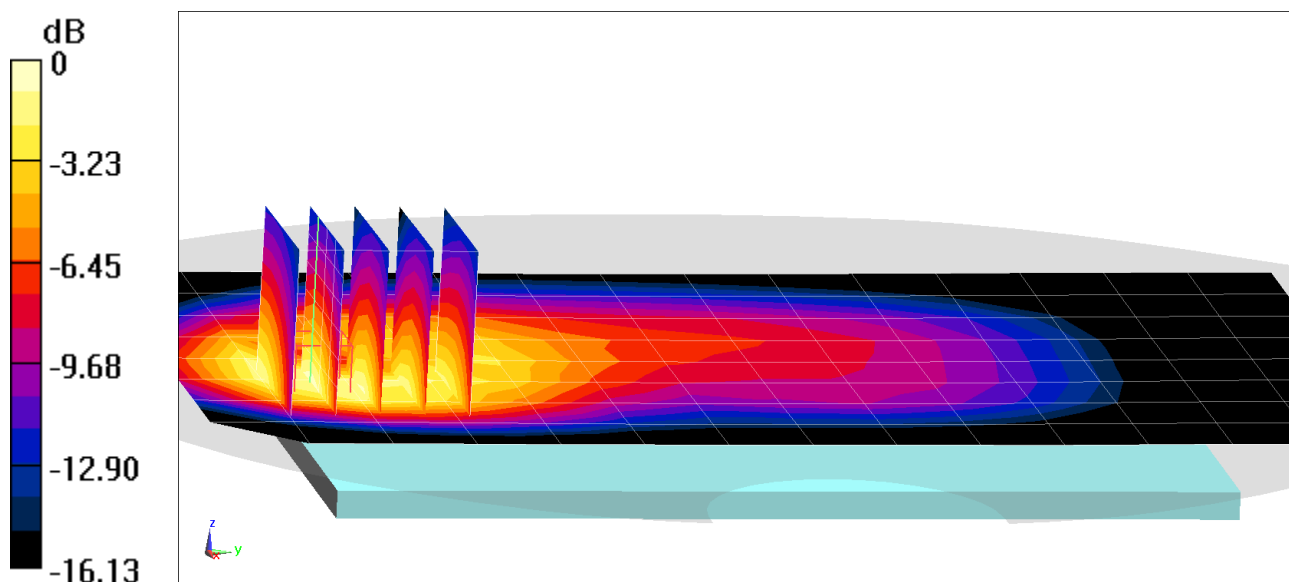
Area Scan (9x15x1): Measurement grid: dx=15mm, dy=15mm

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

Reference Value = 27.59 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 1.26 W/kg

SAR(1 g) = 0.699 W/kg



0 dB = 1.06 W/kg = 0.25 dBW/kg

PCTEST

DUT: A3LSMG996U; Type: Portable Handset; Serial: 0417M

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

Medium: 1750 Body; Medium parameters used:

$f = 1745 \text{ MHz}$; $\sigma = 1.517 \text{ S/m}$; $\epsilon_r = 52.837$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section; Space: 1.5 cm

Test Date: 10/14/2020; Ambient Temp: 21.9°C; Tissue Temp: 21.8°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, Antenna A, Body SAR, Back Side, 40 MHz Bandwidth
DFT-s-OFDM QPSK, Ch. 349000, 1 RB, 108 RB Offset**

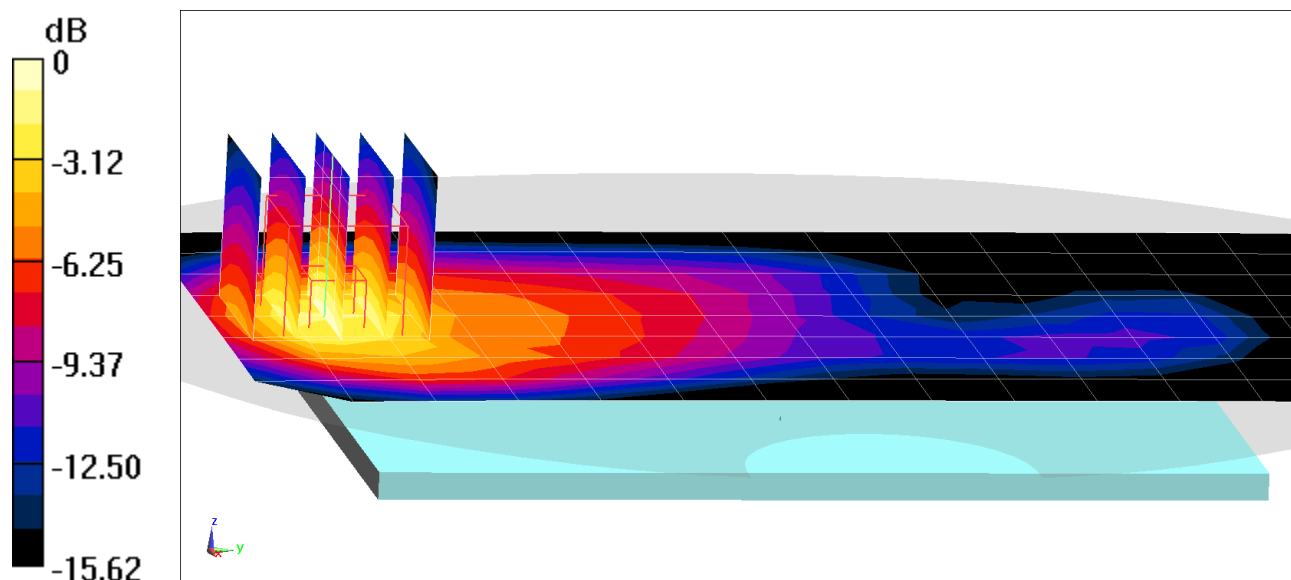
Area Scan (9x15x1): Measurement grid: dx=15mm, dy=15mm

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

Reference Value = 24.52 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 1.38 W/kg

SAR(1 g) = 0.853 W/kg



0 dB = 1.19 W/kg = 0.76 dBW/kg

PCTEST

DUT: A3LSMG996U; Type: Portable Handset; Serial: 0417M

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

Medium: 1750 Body; Medium parameters used:

$f = 1745 \text{ MHz}$; $\sigma = 1.517 \text{ S/m}$; $\epsilon_r = 52.837$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section; Space: 1.0 cm

Test Date: 10/14/2020; Ambient Temp: 21.9°C; Tissue Temp: 21.8°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, Antenna A, Body SAR, Bottom Edge, 40 MHz Bandwidth
DFT-s-OFDM QPSK, Ch. 349000, 216 RB, 0 RB Offset**

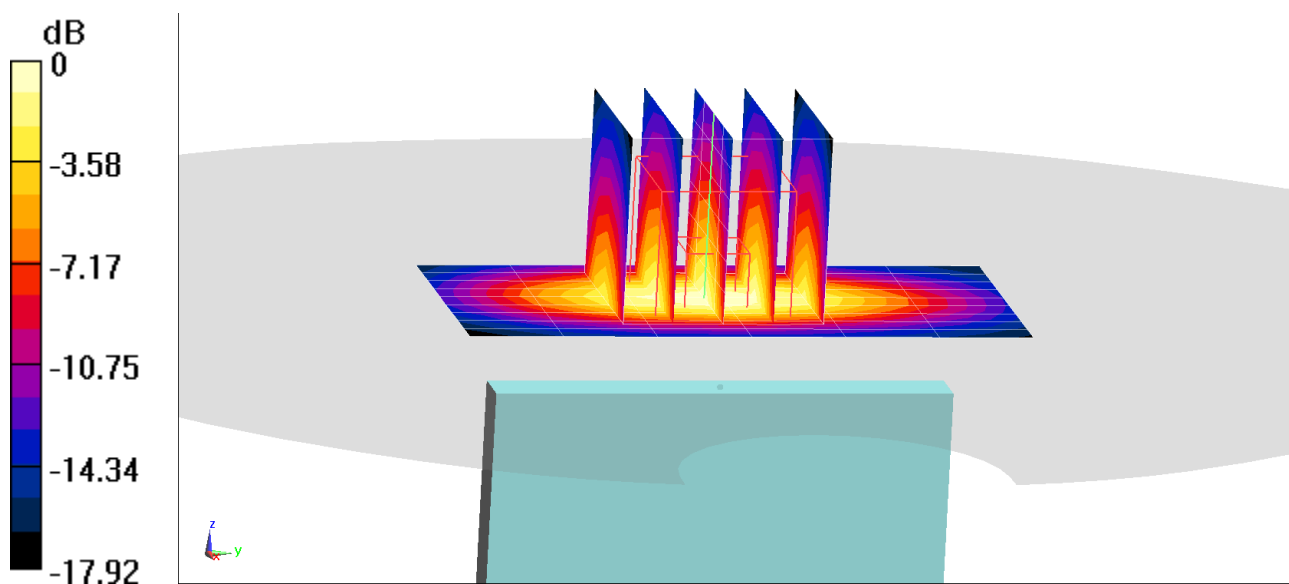
Area Scan (10x7x1): Measurement grid: dx=5mm, dy=15mm

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

Reference Value = 27.41 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 1.90 W/kg

SAR(1 g) = 1.03 W/kg



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

PCTEST

DUT: A3LSMG996U; Type: Portable Handset; Serial: 0408M

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

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

$f = 1882.5$ MHz; $\sigma = 1.526$ S/m; $\epsilon_r = 52.422$; $\rho = 1000$ kg/m³

Phantom section: Flat Section; Space: 1.5 cm

Test Date: 10/14/2020; Ambient Temp: 22.9°C; Tissue Temp: 23.8°C

Probe: EX3DV4 - SN7571; ConvF(7.56, 7.56, 7.56) @ 1882.5 MHz; Calibrated: 12/11/2019

Sensor-Surface: 1.4mm (Mechanical Surface Detection)

Electronics: DAE4 Sn1533; Calibrated: 12/5/2019

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

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

**Mode: NR Band n25, Antenna A, Body SAR, Back Side, 40 MHz Bandwidth
DFT-s-OFDM QPSK, Ch. 376500, 1 RB, 1 RB Offset**

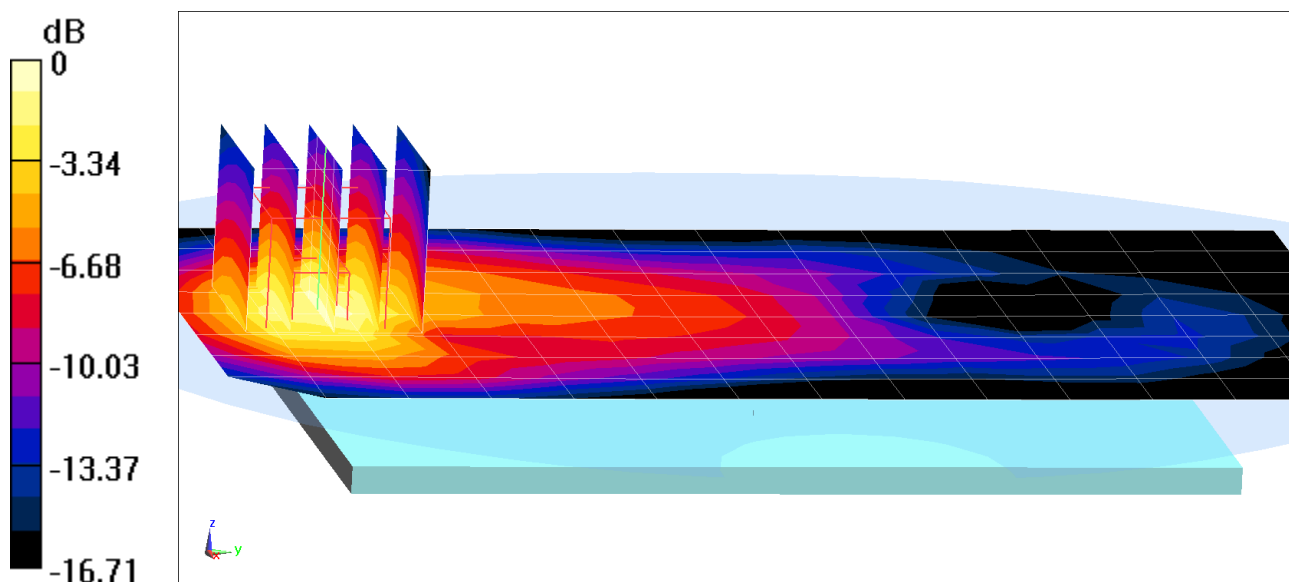
Area Scan (9x15x1): Measurement grid: dx=15mm, dy=15mm

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

Reference Value = 21.78 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 1.06 W/kg

SAR(1 g) = 0.657 W/kg



0 dB = 0.921 W/kg = -0.36 dBW/kg

PCTEST

DUT: A3LSMG996U; Type: Portable Handset; Serial: 0408M

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

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

$f = 1882.5$ MHz; $\sigma = 1.526$ S/m; $\epsilon_r = 52.422$; $\rho = 1000$ kg/m³

Phantom section: Flat Section; Space: 1.0 cm

Test Date: 10/14/2020; Ambient Temp: 22.9°C; Tissue Temp: 23.8°C

Probe: EX3DV4 - SN7571; ConvF(7.56, 7.56, 7.56) @ 1882.5 MHz; Calibrated: 12/11/2019

Sensor-Surface: 1.4mm (Mechanical Surface Detection)

Electronics: DAE4 Sn1533; Calibrated: 12/5/2019

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

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

**Mode: NR Band n25, Antenna A, Body SAR, Bottom Edge, 40 MHz Bandwidth
DFT-s-OFDM QPSK, Ch. 376500, 1 RB, 214 RB Offset**

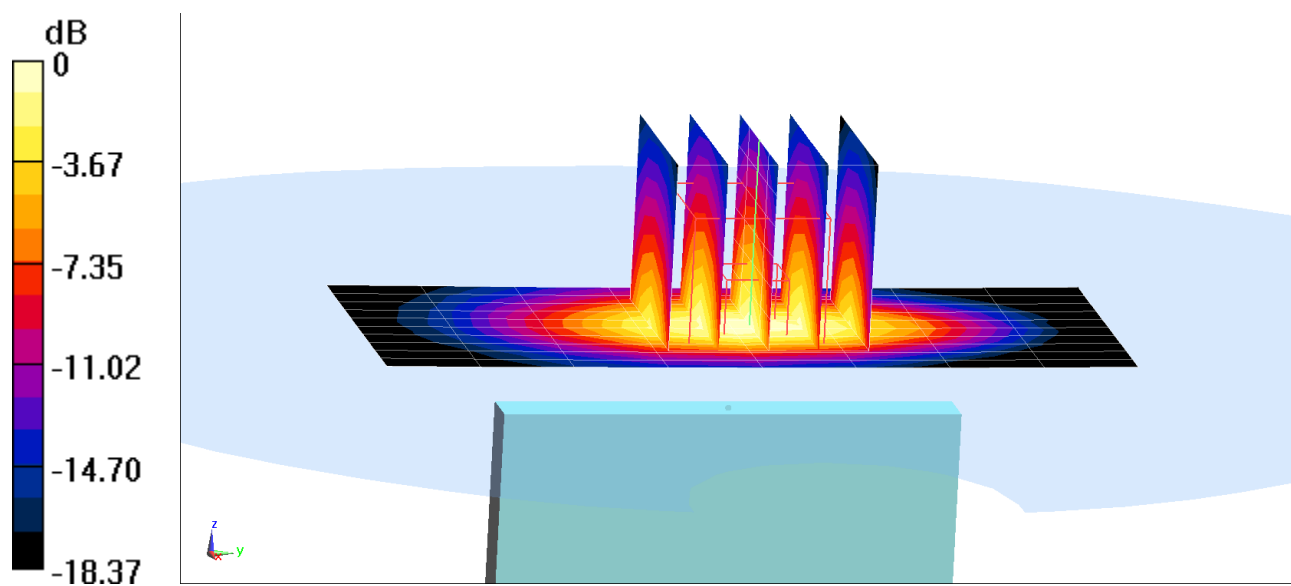
Area Scan (11x9x1): Measurement grid: dx=5mm, dy=15mm

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

Reference Value = 21.71 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 1.16 W/kg

SAR(1 g) = 0.643 W/kg



0 dB = 0.976 W/kg = -0.11 dBW/kg

PCTEST

DUT: A3LSMG996U; Type: Portable Handset; Serial: 0419M

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

Medium: 2450 Body; Medium parameters used:

$f = 2310$ MHz; $\sigma = 1.892$ S/m; $\epsilon_r = 52.249$; $\rho = 1000$ kg/m³

Phantom section: Flat Section; Space: 1.5 cm

Test Date: 11/02/2020; Ambient Temp: 22.0°C; Tissue Temp: 22.3°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: NR Band n30, Body SAR, Back Side, 10 MHz Bandwidth
DFT-s-OFDM QPSK, Ch. 462000, 25 RB, 14 RB Offset

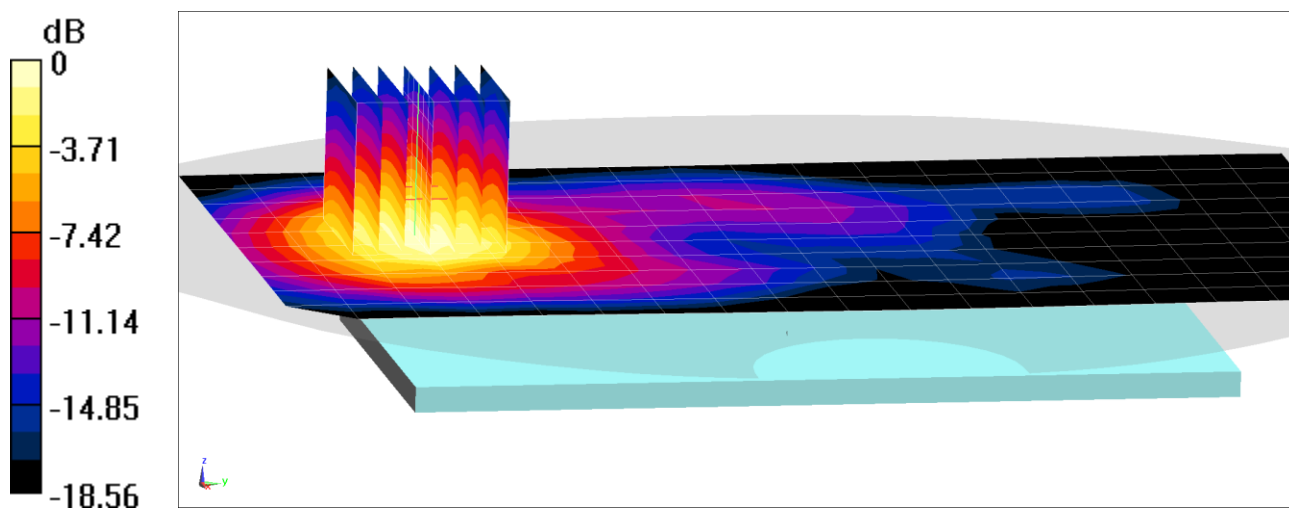
Area Scan (11x19x1): Measurement grid: dx=12mm, dy=12mm

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

Reference Value = 17.62 V/m; Power Drift = 0.10 dB

Peak SAR (extrapolated) = 0.981 W/kg

SAR(1 g) = 0.541 W/kg



0 dB = 0.815 W/kg = -0.89 dBW/kg

PCTEST

DUT: A3LSMG996U; Type: Portable Handset; Serial: 0419M

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

Medium: 2450 Body; Medium parameters used:

$f = 2310$ MHz; $\sigma = 1.872$ S/m; $\epsilon_r = 53.01$; $\rho = 1000$ kg/m³

Phantom section: Flat Section; Space: 1.0 cm

Test Date: 11/05/2020; Ambient Temp: 22.0°C; Tissue Temp: 21.7°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: NR Band n30, Body SAR, Bottom Edge, 10 MHz Bandwidth
DFT-s-OFDM QPSK, Ch. 462000, 25 RB, 27 RB Offset

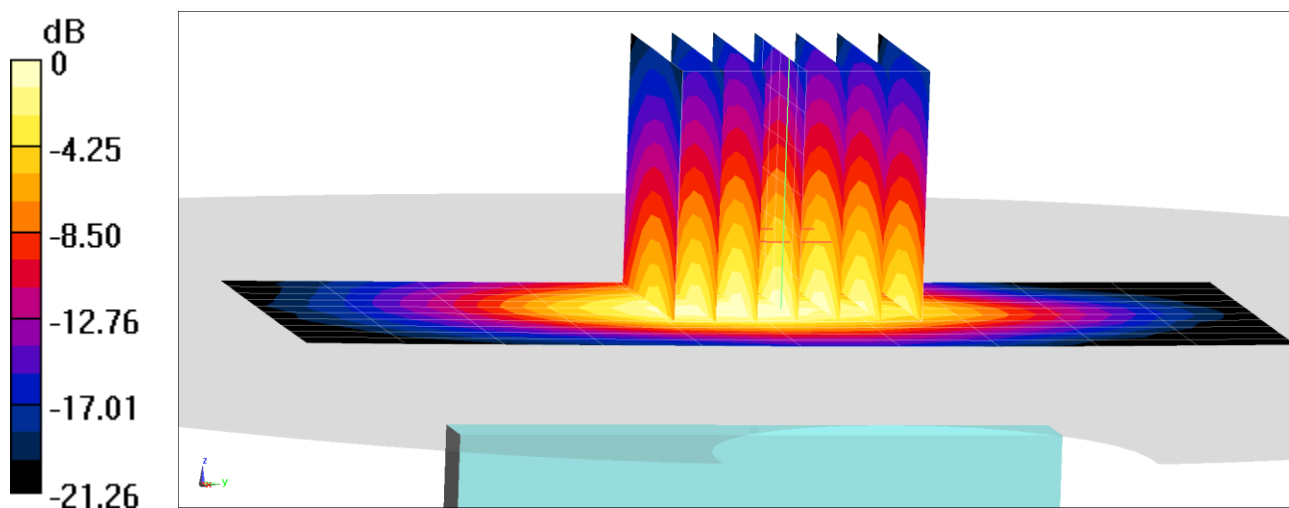
Area Scan (11x11x1): Measurement grid: dx=5mm, dy=12mm

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

Reference Value = 20.44 V/m; Power Drift = -0.11 dB

Peak SAR (extrapolated) = 1.50 W/kg

SAR(1 g) = 0.761 W/kg



0 dB = 1.21 W/kg = 0.83 dBW/kg

PCTEST

DUT: A3LSMG996U; Type: Portable Handset; Serial: 0311M

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

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

$f = 2592.99$ MHz; $\sigma = 2.198$ S/m; $\epsilon_r = 51.629$; $\rho = 1000$ kg/m³

Phantom section: Flat Section; Space: 1.5 cm

Test Date: 10/19/2020; Ambient Temp: 22.0°C; Tissue Temp: 22.1°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, Antenna B, Body SAR, Back Side, 100 MHz Bandwidth
DFT-s-OFDM QPSK, Ch. 518598, 1 RB, 137 RB Offset**

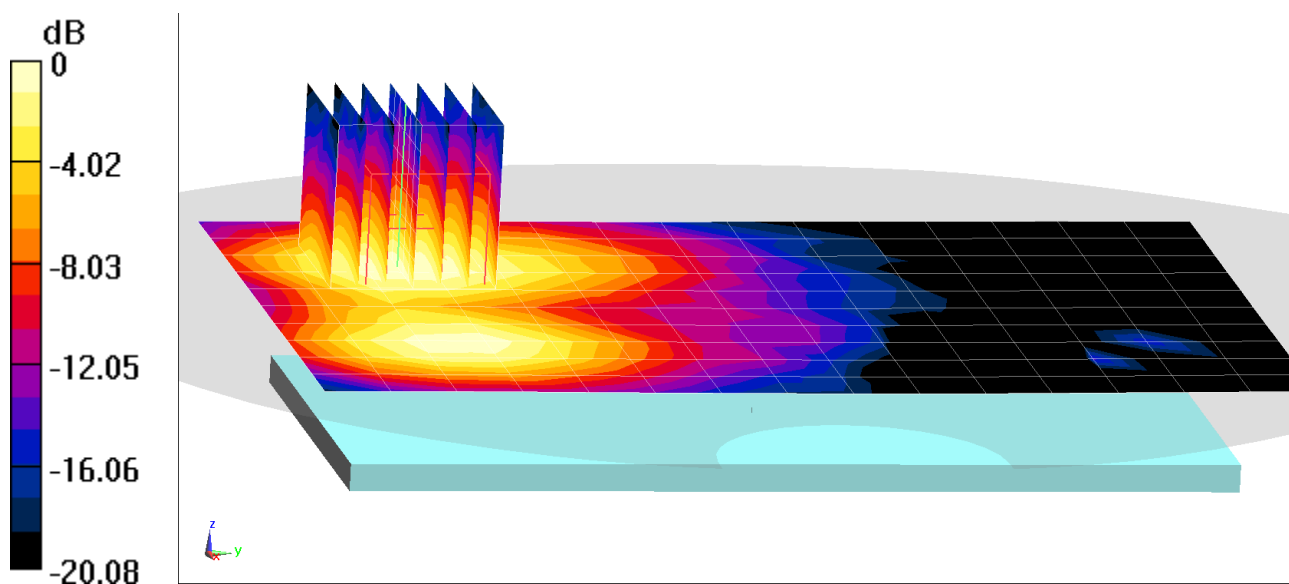
Area Scan (11x16x1): Measurement grid: dx=12mm, dy=12mm

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

Reference Value = 7.078 V/m; Power Drift = 0.21 dB

Peak SAR (extrapolated) = 0.205 W/kg

SAR(1 g) = 0.105 W/kg



0 dB = 0.164 W/kg = -7.85 dBW/kg

PCTEST

DUT: A3LSMG996U; Type: Portable Handset; Serial: 0289M

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; $\sigma = 2.198$ S/m; $\epsilon_r = 51.629$; $\rho = 1000$ kg/m³

Phantom section: Flat Section; Space: 1.0 cm

Test Date: 10/19/2020; Ambient Temp: 22.0°C; Tissue Temp: 22.1°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, Antenna I, Body SAR, Top Edge, 100 MHz Bandwidth
DFT-s-OFDM QPSK, Ch. 518598, 1 RB, 137 RB Offset**

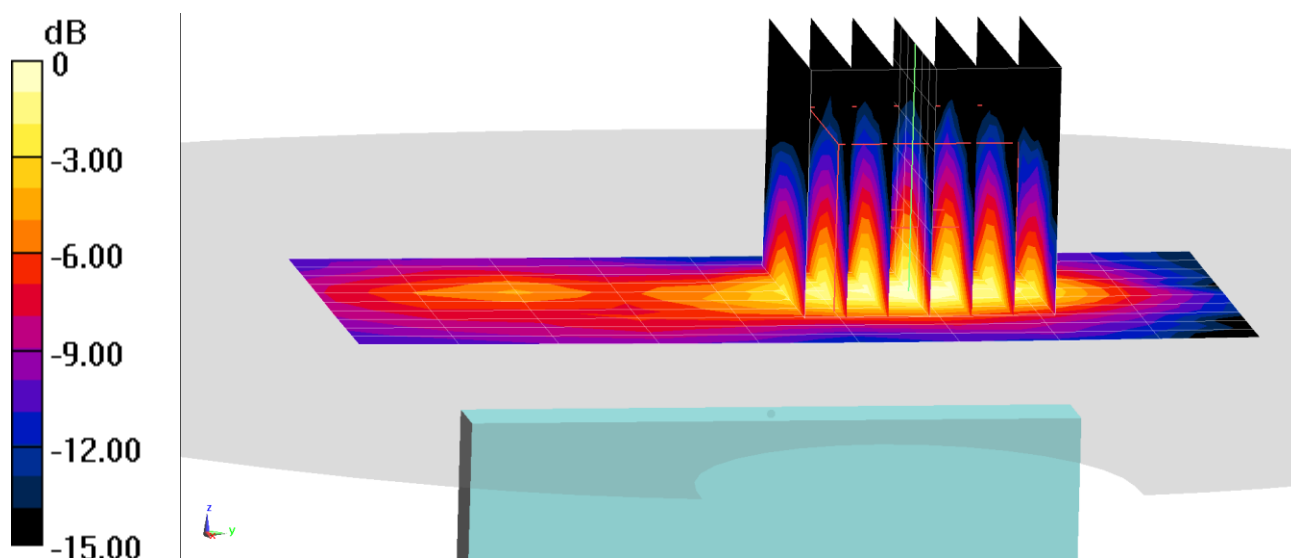
Area Scan (11x10x1): Measurement grid: dx=5mm, dy=12mm

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

Reference Value = 6.979 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 0.211 W/kg

SAR(1 g) = 0.092 W/kg



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

PCTEST

DUT: A3LSMG996U; Type: Portable Handset; Serial: 0870M

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

Medium: 3600 Body; Medium parameters used:

$f = 3750$ MHz; $\sigma = 3.459$ S/m; $\epsilon_r = 49.672$; $\rho = 1000$ kg/m³

Phantom section: Flat Section; Space: 1.5 cm

Test Date: 11/09/2020; Ambient Temp: 23.9°C; Tissue Temp: 21.7°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, 69 RB Offset**

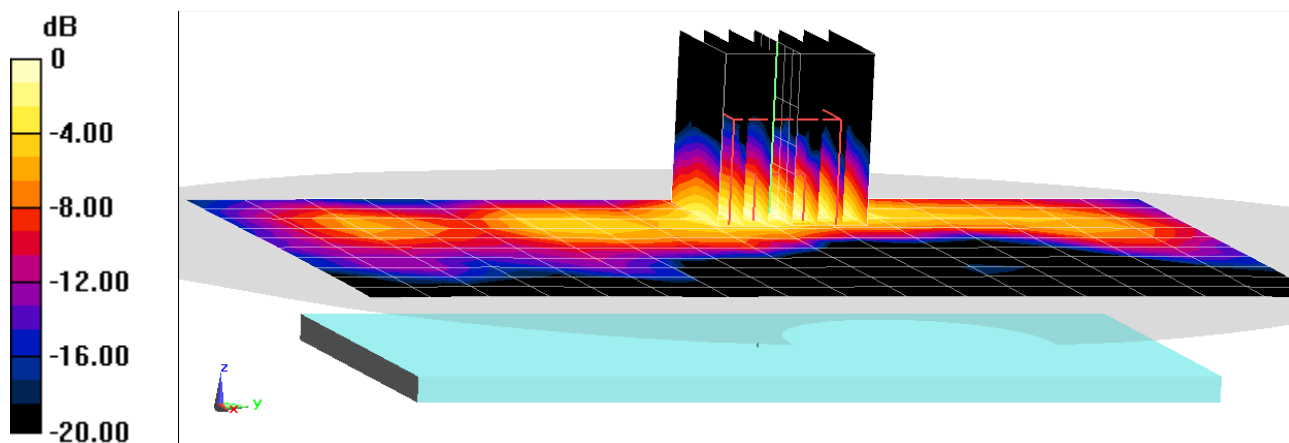
Area Scan (11x17x1): Measurement grid: dx=12mm, dy=12mm

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

Reference Value = 6.465 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.347 W/kg

SAR(1 g) = 0.134 W/kg



0 dB = 0.246 W/kg = -6.09 dBW/kg

PCTEST

DUT: A3LSMG996U; Type: Portable Handset; Serial: 0870M

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

Medium: 3600 Body; Medium parameters used:

$f = 3750$ MHz; $\sigma = 3.459$ S/m; $\epsilon_r = 49.672$; $\rho = 1000$ kg/m³

Phantom section: Flat Section; Space: 1.0 cm

Test Date: 11/09/2020; Ambient Temp: 23.9°C; Tissue Temp: 21.7°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, Right Edge, Ch. 650000, 100 MHz Bandwidth
DFT-s-OFDM QPSK, 1 RB, 271 RB Offset**

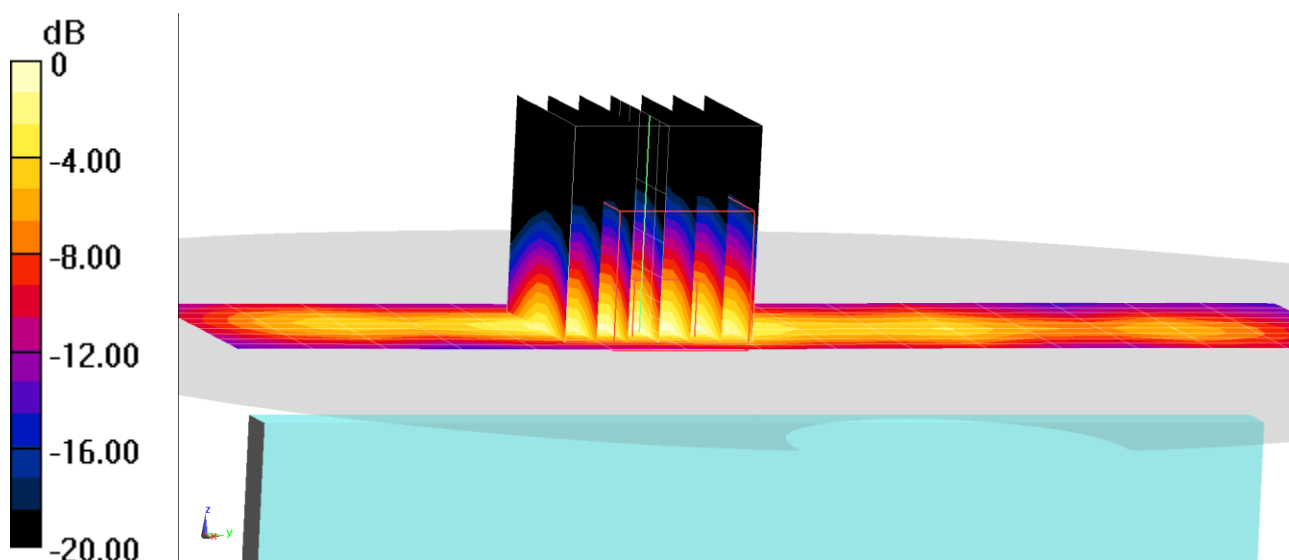
Area Scan (10x16x1): Measurement grid: dx=5mm, dy=12mm

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

Reference Value = 10.40 V/m; Power Drift = -0.18 dB

Peak SAR (extrapolated) = 0.989 W/kg

SAR(1 g) = 0.377 W/kg



0 dB = 0.697 W/kg = -1.57 dBW/kg

PCTEST

DUT: A3LSMG996U; Type: Portable Handset; Serial: 0287M

Communication System: UID 0, _IEEE 802.11b; Frequency: 2412 MHz; Duty Cycle: 1:1

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

$f = 2412 \text{ MHz}$; $\sigma = 2.001 \text{ S/m}$; $\epsilon_r = 51.425$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section; Space: 1.5 cm

Test Date: 10/11/2020; Ambient Temp: 22.9°C; Tissue Temp: 21.3°C

Probe: EX3DV4 - SN7409; ConvF(7.24, 7.24, 7.24) @ 2412 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: IEEE 802.11b, Antenna 2, 22 MHz Bandwidth, Body SAR, Ch 1, 1 Mbps, Back Side

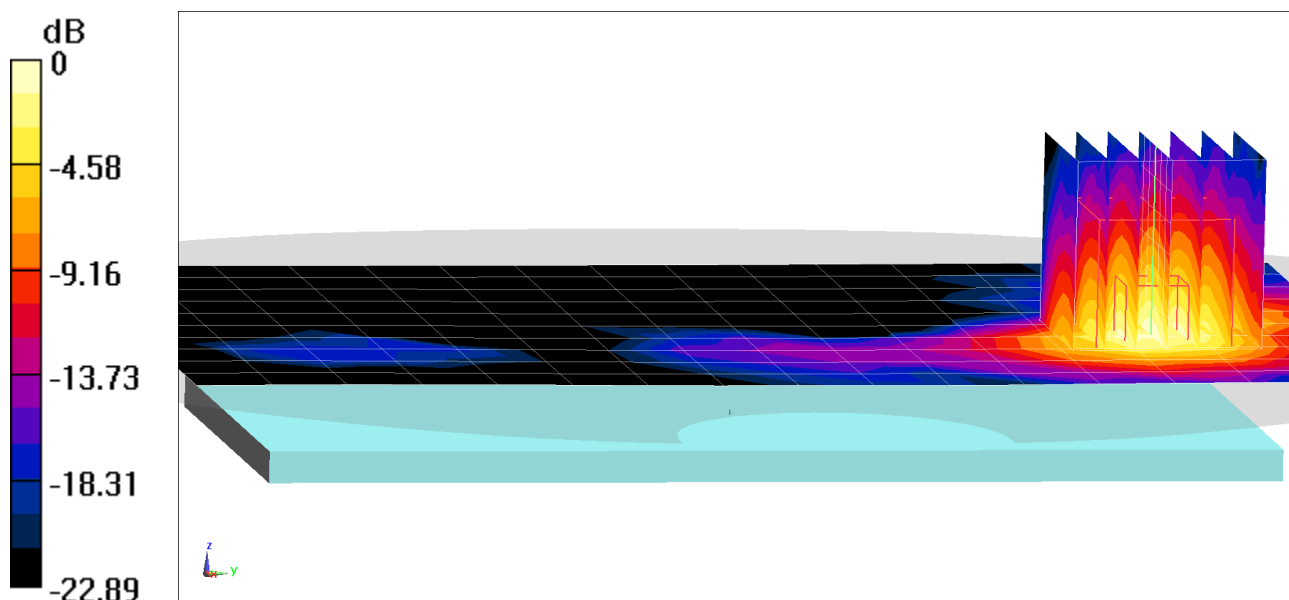
Area Scan (11x17x1): Measurement grid: dx=12mm, dy=12mm

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

Reference Value = 8.897 V/m; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 0.275 W/kg

SAR(1 g) = 0.138 W/kg



PCTEST

DUT: A3LSMG996U; Type: Portable Handset; Serial: 0287M

Communication System: UID 0, _IEEE 802.11b; Frequency: 2462 MHz; Duty Cycle: 1:1

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

$f = 2462 \text{ MHz}$; $\sigma = 2.06 \text{ S/m}$; $\epsilon_r = 51.29$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section; Space: 1.0 cm

Test Date: 10/11/2020; Ambient Temp: 22.9°C; Tissue Temp: 21.3°C

Probe: EX3DV4 - SN7409; ConvF(7.24, 7.24, 7.24) @ 2462 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: IEEE 802.11b, Antenna 1, 22 MHz Bandwidth, Body SAR, Ch 11, 1 Mbps, Left Side

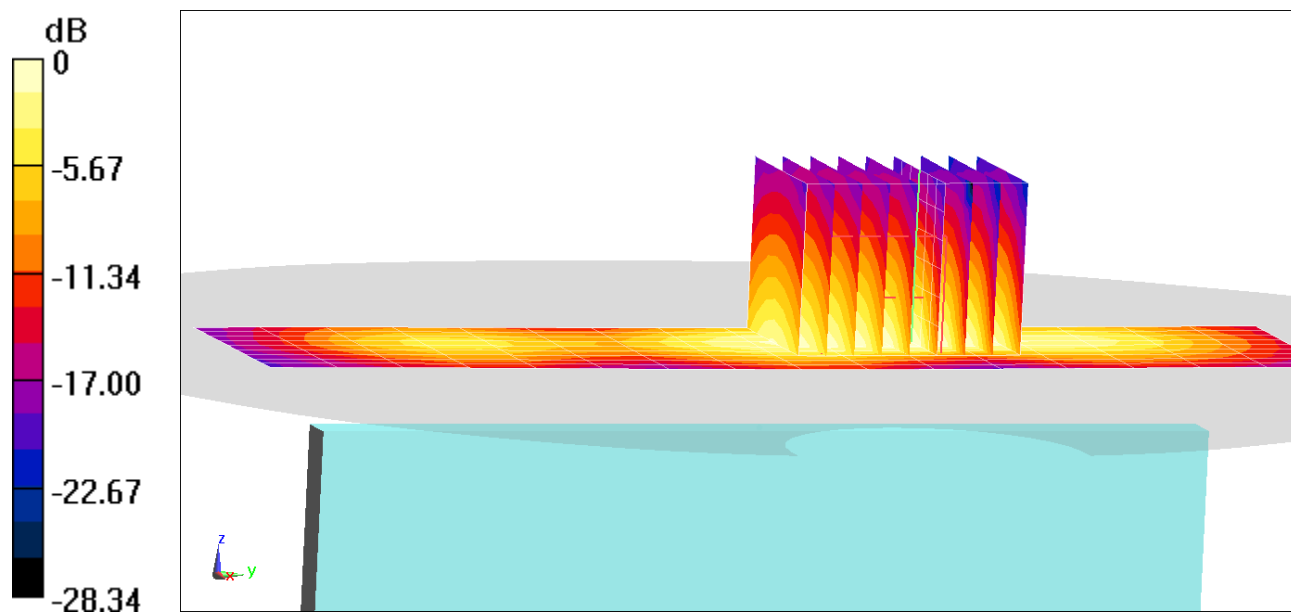
Scan (10x17x1): Measurement grid: $dx=5\text{mm}$, $dy=12\text{mm}$

Zoom Scan (7x9x7)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

Reference Value = 10.89 V/m; Power Drift = 0.17 dB

Peak SAR (extrapolated) = 0.853 W/kg

SAR(1 g) = 0.391 W/kg



0 dB = 0.671 W/kg = -1.73 dBW/kg

PCTEST

DUT: A3LSMG996U; Type: Portable Handset; Serial: 0412M

Communication System: UID 0, 802.11a 5.2-5.8 GHz Band; Frequency: 5260 MHz; Duty Cycle: 1:1

Medium: 5200-5800 Body; Medium parameters used:

$f = 5260$ MHz; $\sigma = 5.515$ S/m; $\epsilon_r = 48.304$; $\rho = 1000$ kg/m³

Phantom section: Flat Section; Space: 1.5 cm

Test Date: 10/09/2020; Ambient Temp: 22.4°C; Tissue Temp: 23.0°C

Probe: EX3DV4 - SN7538; ConvF(4.6, 4.6, 4.6) @ 5260 MHz; Calibrated: 5/18/2020

Sensor-Surface: 1.4mm (Mechanical Surface Detection)

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

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 802.11a, Antenna 2, UNII-2A, 20 MHz Bandwidth
Body SAR, Ch 52, 6 Mbps, Back Side

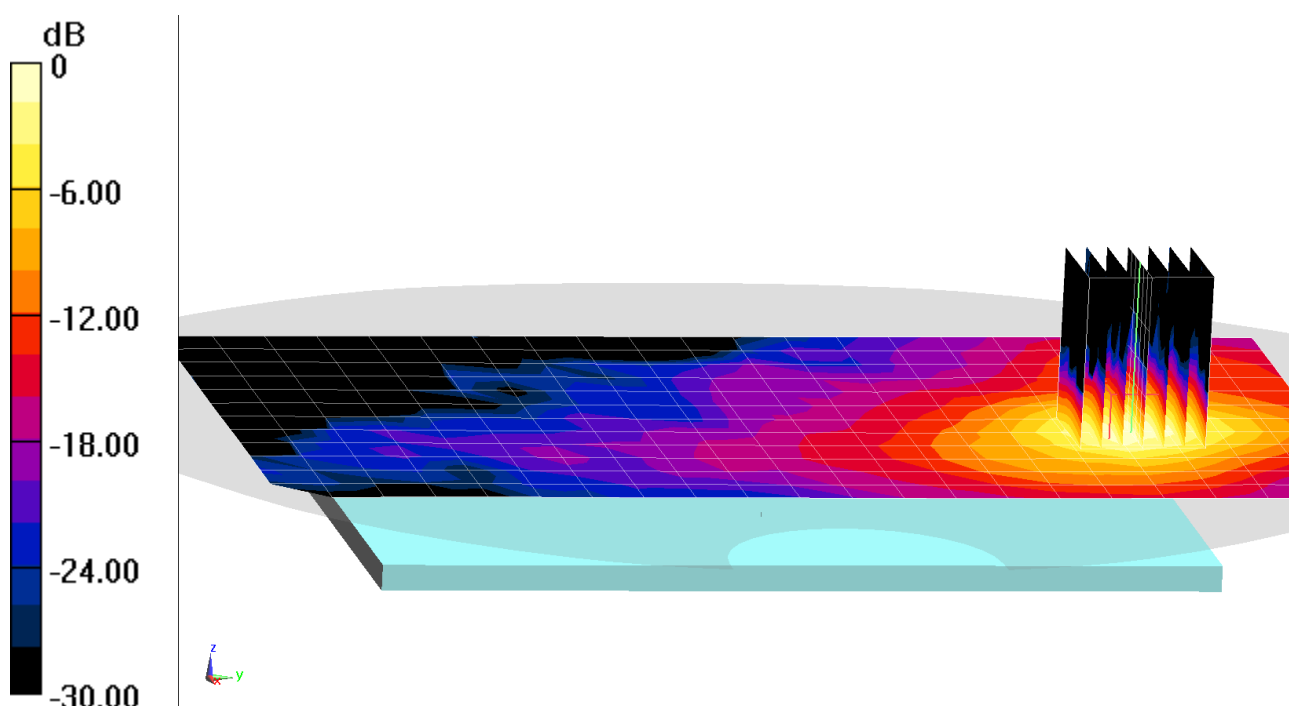
Area Scan (13x22x1): Measurement grid: dx=10mm, dy=10mm

Zoom Scan (7x7x8)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm; Graded Ratio: 1.4

Reference Value = 10.54 V/m; Power Drift = -0.15 dB

Peak SAR (extrapolated) = 1.87 W/kg

SAR(1 g) = 0.520 W/kg



0 dB = 1.19 W/kg = 0.76 dBW/kg

PCTEST

DUT: A3LSMG996U; Type: Portable Handset; Serial: 0412M

Communication System: UID 0, 802.11a 5.2-5.8 GHz Band; Frequency: 5785 MHz; Duty Cycle: 1:1

Medium: 5200-5800 Body; Medium parameters used:

$f = 5785 \text{ MHz}$; $\sigma = 6.223 \text{ S/m}$; $\epsilon_r = 47.427$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section; Space: 1.0 cm

Test Date: 10/09/2020; Ambient Temp: 22.4°C; Tissue Temp: 23.0°C

Probe: EX3DV4 - SN7538; ConvF(4.17, 4.17, 4.17) @ 5785 MHz; Calibrated: 5/18/2020

Sensor-Surface: 1.4mm (Mechanical Surface Detection)

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

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 802.11a, Antenna 2, UNII-3, 20 MHz Bandwidth
Body SAR, Ch 157, 6 Mbps, Back Side

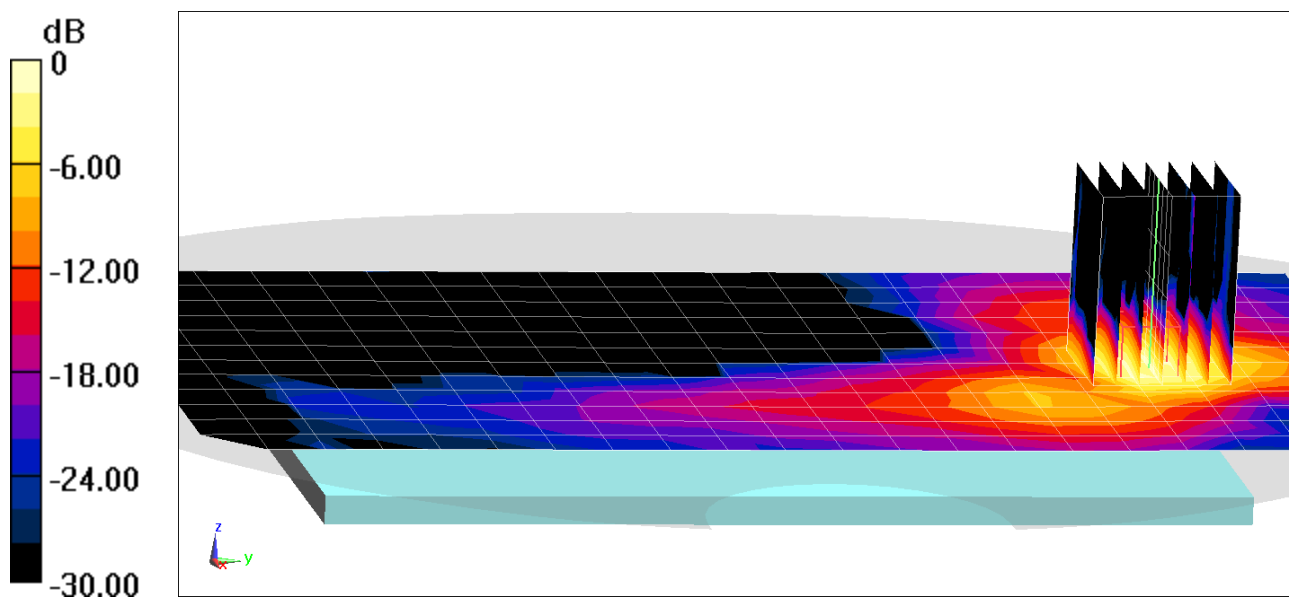
Area Scan (13x22x1): Measurement grid: dx=10mm, dy=10mm

Zoom Scan (7x7x8)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm; Graded Ratio: 1.4

Reference Value = 11.07 V/m; Power Drift = 0.09 dB

Peak SAR (extrapolated) = 2.87 W/kg

SAR(1 g) = 0.678 W/kg



0 dB = 1.67 W/kg = 2.23 dBW/kg

PCTEST

DUT: A3LSMG996U; Type: Portable Handset; Serial: 0287M

Communication System: UID 0, Bluetooth; Frequency: 2402 MHz; Duty Cycle: 1:1.294

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

$f = 2402$ MHz; $\sigma = 1.989$ S/m; $\epsilon_r = 51.454$; $\rho = 1000$ kg/m³

Phantom section: Flat Section; Space: 1.5 cm

Test Date: 10/11/2020; Ambient Temp: 22.9°C; Tissue Temp: 21.3°C

Probe: EX3DV4 - SN7409; ConvF(7.24, 7.24, 7.24) @ 2402 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 0, 1 Mbps, Back Side

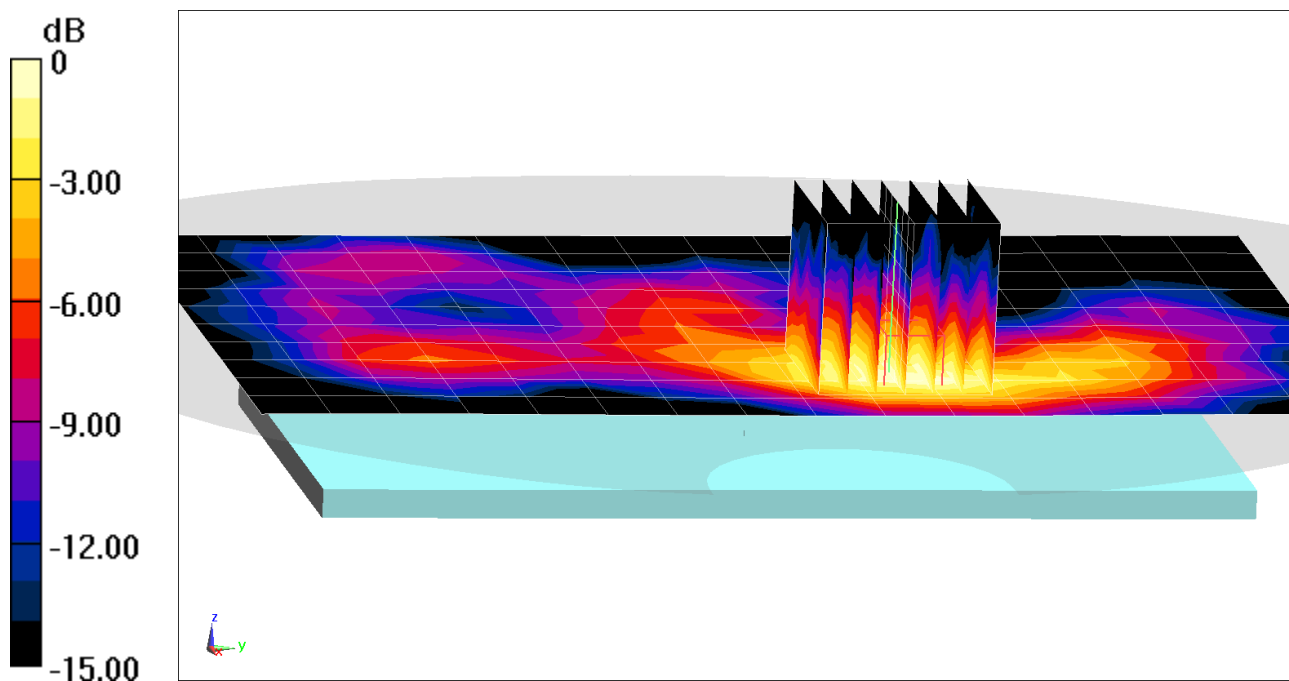
Area Scan (11x17x1): Measurement grid: dx=12mm, dy=12mm

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

Reference Value = 4.148 V/m; Power Drift = 0.13 dB

Peak SAR (extrapolated) = 0.0630 W/kg

SAR(1 g) = 0.032 W/kg



0 dB = 0.0495 W/kg = -13.05 dBW/kg

PCTEST

DUT: A3LSMG996U; Type: Portable Handset; Serial: 0287M

Communication System: UID 0, Bluetooth; Frequency: 2402 MHz; Duty Cycle: 1:1.294

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

$f = 2402 \text{ MHz}$; $\sigma = 1.989 \text{ S/m}$; $\epsilon_r = 51.454$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section; Space: 1.0 cm

Test Date: 10/11/2020; Ambient Temp: 22.9°C; Tissue Temp: 21.3°C

Probe: EX3DV4 - SN7409; ConvF(7.24, 7.24, 7.24) @ 2402 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 0, 1 Mbps, Left Edge

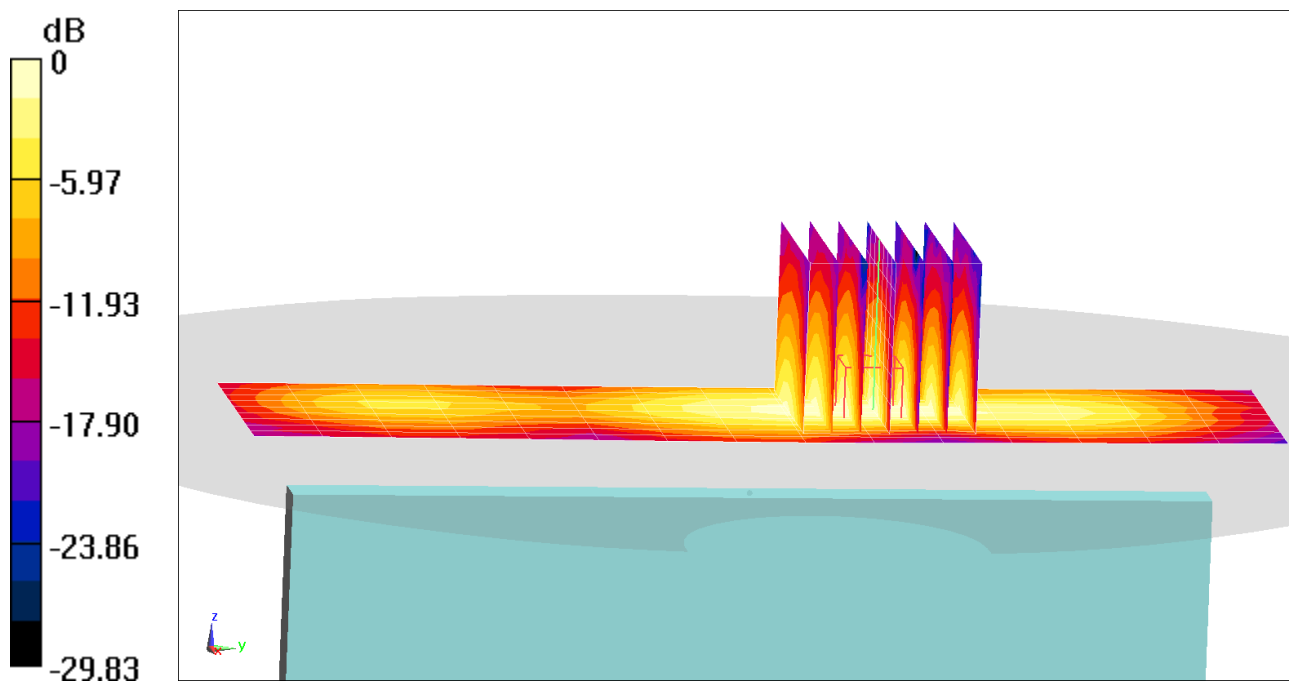
Area Scan (10x16x1): Measurement grid: $dx=5\text{mm}$, $dy=12\text{mm}$

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

Reference Value = 6.088 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 0.272 W/kg

SAR(1 g) = 0.122 W/kg



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

PCTEST

DUT: A3LSMG996U; Type: Portable Handset; Serial: 0551M

Communication System: UID 0, CDMA; Frequency: 1851.25 MHz; Duty Cycle: 1:1

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

$f = 1851.25$ MHz; $\sigma = 1.488$ S/m; $\epsilon_r = 52.874$; $\rho = 1000$ kg/m³

Phantom section: Flat Section; Space: 0.0 cm

Test Date: 10/04/2020; Ambient Temp: 21.3°C; Tissue Temp: 22.6°C

Probe: EX3DV4 - SN7571; ConvF(7.56, 7.56, 7.56) @ 1851.25 MHz; Calibrated: 12/11/2019

Sensor-Surface: 1.4mm (Mechanical Surface Detection)

Electronics: DAE4 Sn1533; Calibrated: 12/5/2019

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, Phablet SAR, Bottom Edge, Low.ch

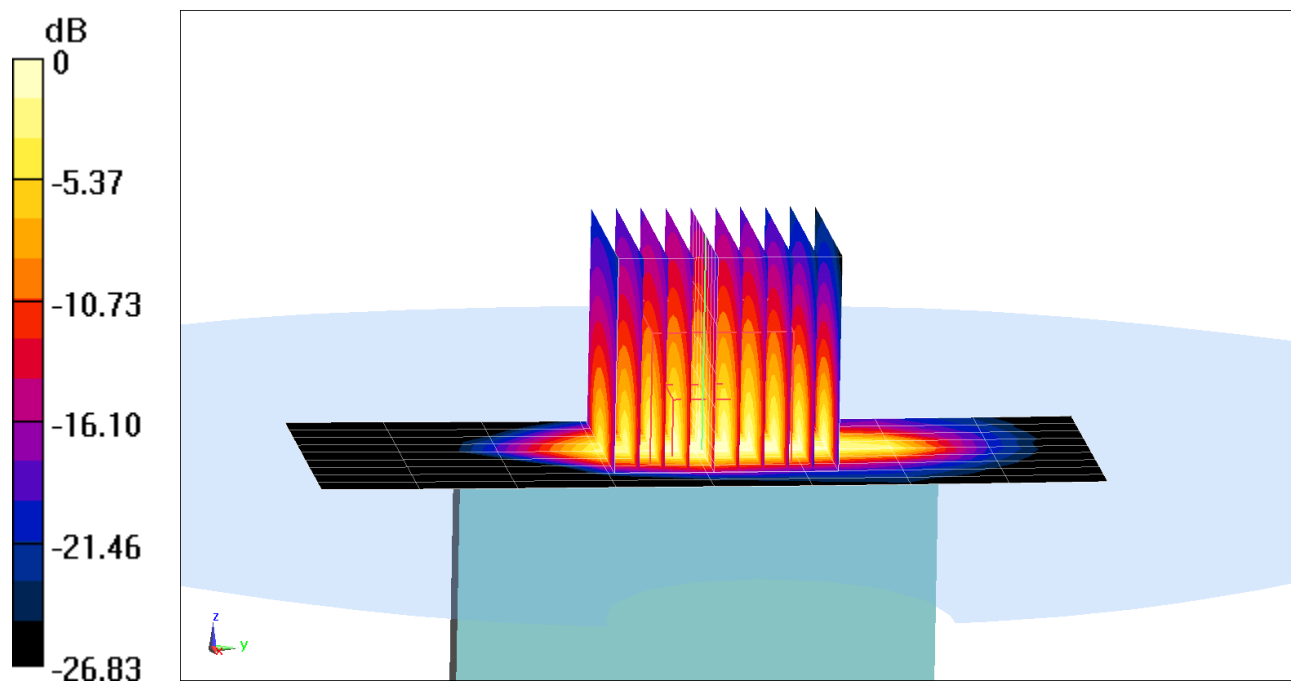
Area Scan (10x9x1): Measurement grid: dx=5mm, dy=15mm

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

Reference Value = 58.77 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 12.8 W/kg

SAR(10 g) = 1.91 W/kg



0 dB = 7.41 W/kg = 8.70 dBW/kg

PCTEST

DUT: A3LSMG996U; Type: Portable Handset; Serial: 0551M

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

Medium: 1900 Body; Medium parameters used:

$f = 1910$ MHz; $\sigma = 1.591$ S/m; $\epsilon_r = 51.392$; $\rho = 1000$ kg/m³

Phantom section: Flat Section; Space: 0.0 cm

Test Date: 10/08/2020; Ambient Temp: 24.2°C; Tissue Temp: 22.4°C

Probe: EX3DV4 - SN7357; ConvF(7.8, 7.8, 7.8) @ 1909.8 MHz; Calibrated: 4/21/2020

Sensor-Surface: 1.4mm (Mechanical Surface Detection)

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

Phantom: Twin-SAM V5.0 Right 30; Type: QD 000 P40 CD; Serial: 1759

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

Mode: GPRS 1900, Phablet SAR, Back side, High.ch, 4 Tx Slots

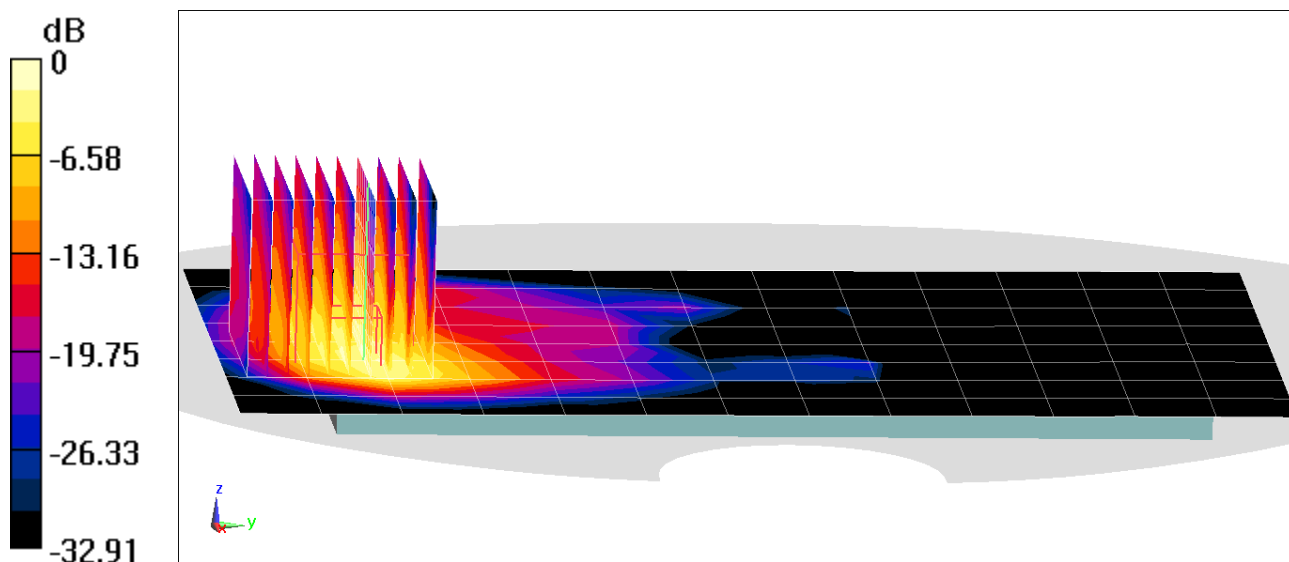
Area Scan (9x14x1): Measurement grid: dx=15mm, dy=15mm

Zoom Scan (11x10x8)/Cube 0: Measurement grid: dx=3.8mm, dy=3.8mm, dz=1.4mm; Graded Ratio: 1.4

Reference Value = 44.44 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 9.32 W/kg

SAR(10 g) = 1.25 W/kg



0 dB = 5.93 W/kg = 7.73 dBW/kg

PCTEST

DUT: A3LSMG996U; Type: Portable Handset; Serial: 0526M

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

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

$f = 1732.4$ MHz; $\sigma = 1.52$ S/m; $\epsilon_r = 51.715$; $\rho = 1000$ kg/m³

Phantom section: Flat Section; Space: 0.0 cm

Test Date: 09/28/2020; Ambient Temp: 20.9°C; Tissue Temp: 20.9°C

Probe: EX3DV4 - SN7570; ConvF(8.48, 8.48, 8.48) @ 1732.4 MHz; Calibrated: 12/11/2019

Sensor-Surface: 1.4mm (Mechanical Surface Detection)

Electronics: DAE4 Sn1368; Calibrated: 3/12/2020

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 1750, Phablet SAR, Bottom Edge, Mid.ch

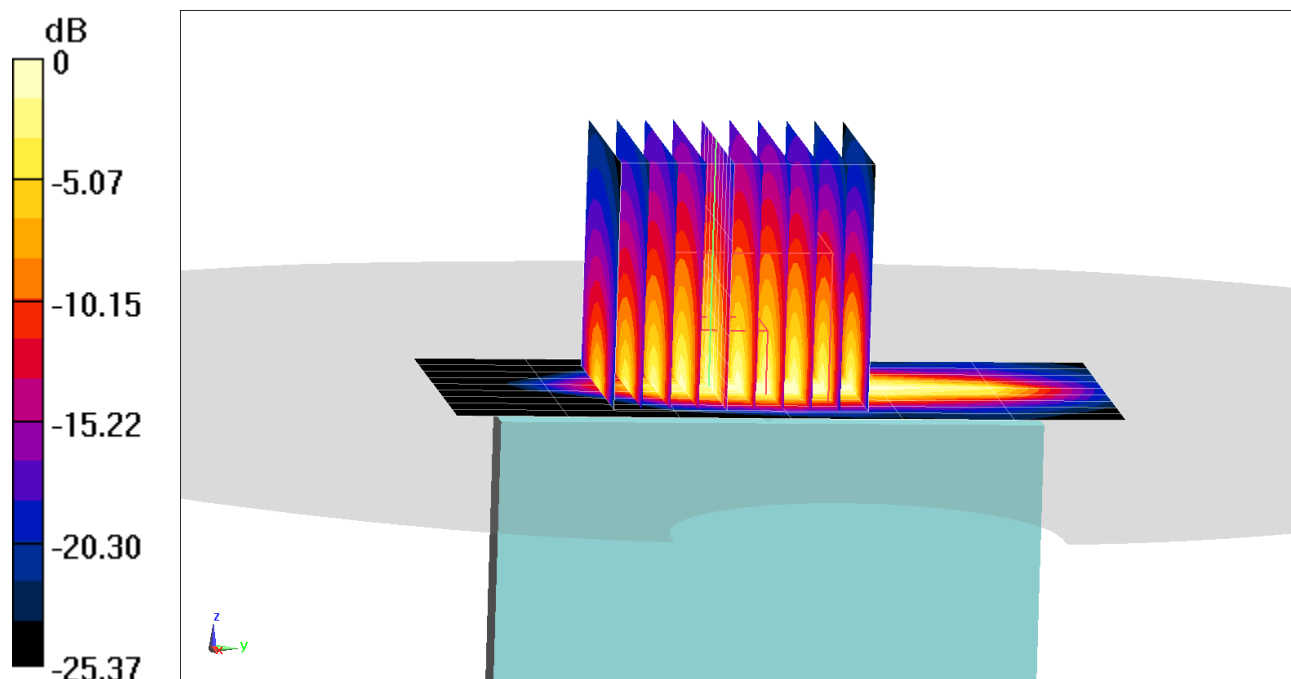
Area Scan (10x7x1): Measurement grid: dx=5mm, dy=15mm

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

Reference Value = 64.90 V/m; Power Drift = 0.13 dB

Peak SAR (extrapolated) = 14.8 W/kg

SAR(10 g) = 2.49 W/kg



0 dB = 10.1 W/kg = 10.04 dBW/kg

PCTEST

DUT: A3LSMG996U; Type: Portable Handset; Serial: 0551M

Communication System: UID 0, UMTS; Frequency: 1852.4 MHz; Duty Cycle: 1:1

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

$f = 1852.4$ MHz; $\sigma = 1.488$ S/m; $\epsilon_r = 52.984$; $\rho = 1000$ kg/m³

Phantom section: Flat Section; Space: 0.0 cm

Test Date: 09/30/2020; Ambient Temp: 21.5°C; Tissue Temp: 22.6°C

Probe: EX3DV4 - SN7571; ConvF(7.56, 7.56, 7.56) @ 1852.4 MHz; Calibrated: 12/11/2019

Sensor-Surface: 1.4mm (Mechanical Surface Detection)

Electronics: DAE4 Sn1533; Calibrated: 12/5/2019

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, Low.ch

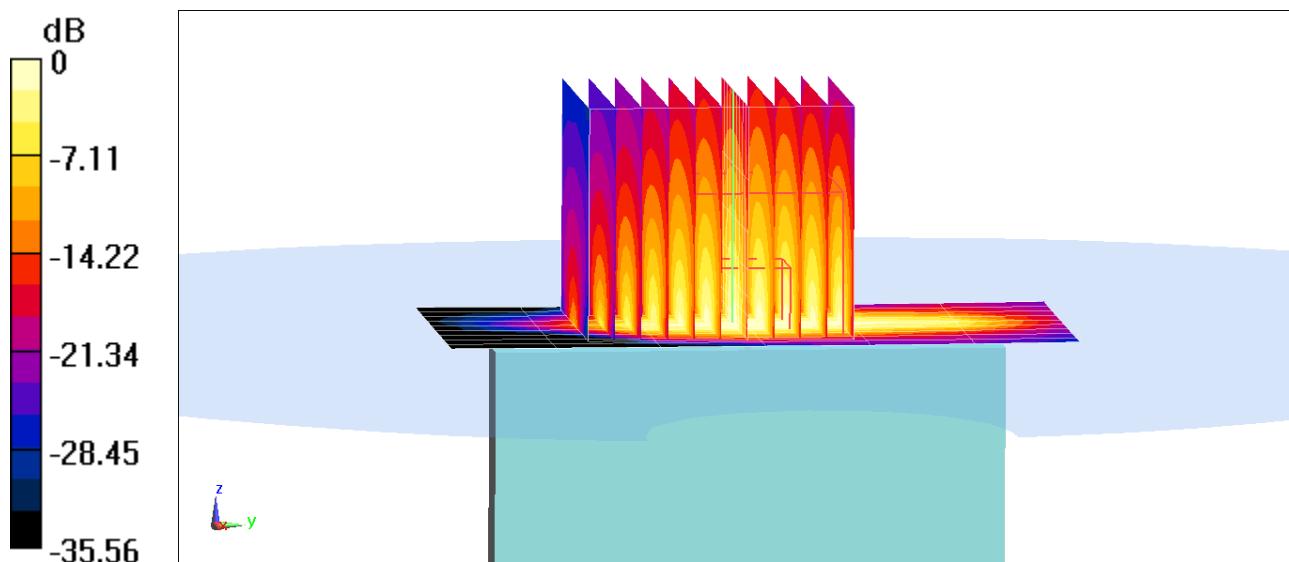
Area Scan (10x7x1): Measurement grid: dx=5mm, dy=15mm

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

Reference Value = 56.95 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 13.1 W/kg

SAR(10 g) = 2.11 W/kg



0 dB = 8.43 W/kg = 9.26 dBW/kg

PCTEST

DUT: A3LSMG996U; Type: Portable Handset; Serial: 0421M

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

Medium: 1750 Body; Medium parameters used:

$f = 1770$ MHz; $\sigma = 1.533$ S/m; $\epsilon_r = 50.812$; $\rho = 1000$ kg/m³

Phantom section: Flat Section; Space: 0.0 cm

Test Date: 09/30/2020; Ambient Temp: 21.9°C; Tissue Temp: 22.1°C

Probe: EX3DV4 - SN7570; ConvF(8.48, 8.48, 8.48) @ 1770 MHz; Calibrated: 12/11/2019

Sensor-Surface: 1.4mm (Mechanical Surface Detection)

Electronics: DAE4 Sn1368; Calibrated: 3/12/2020

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), CA_66C ULCA, Phablet SAR, Bottom Edge,

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

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

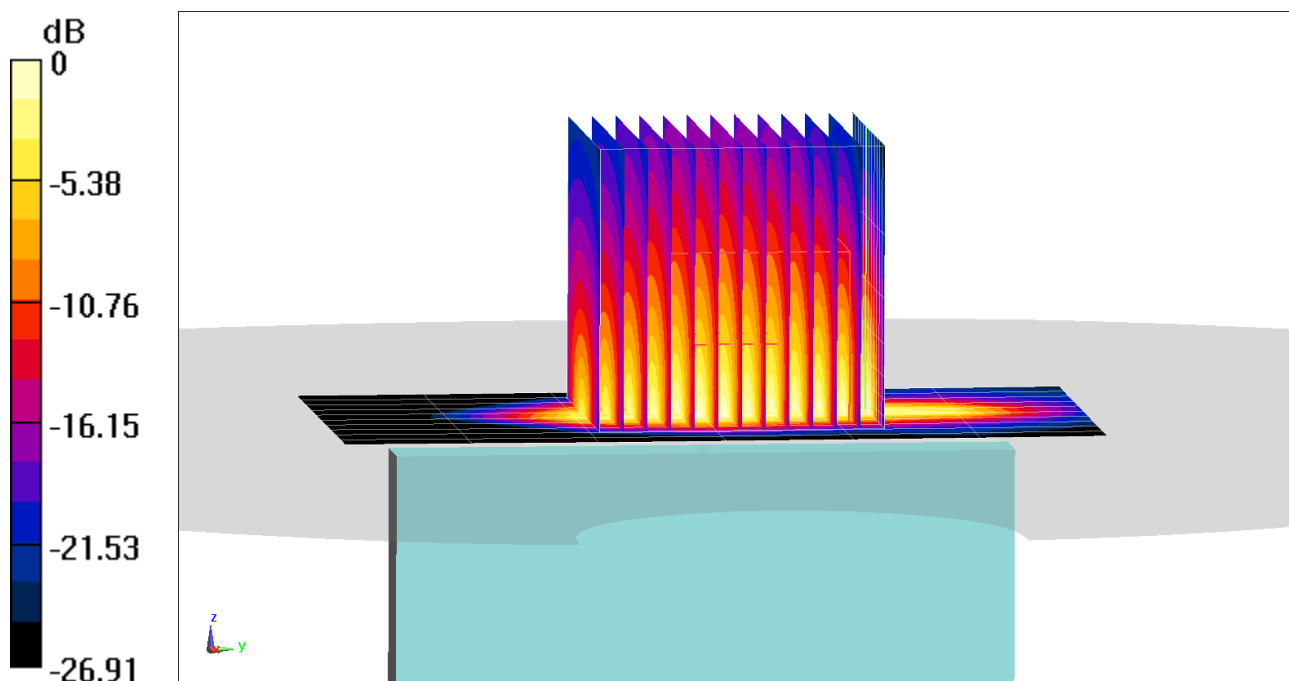
Area Scan (11x7x1): Measurement grid: dx=5mm, dy=15mm

Zoom Scan (13x13x8)/Cube 0: Measurement grid: dx=2.8mm, dy=2.8mm, dz=1.4mm; Graded Ratio: 1.4

Reference Value = 62.71 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 16.6 W/kg

SAR(10 g) = 2.21 W/kg



0 dB = 9.61 W/kg = 9.83 dBW/kg

PCTEST

DUT: A3LSMG996U; Type: Portable Handset; Serial: 0520M

Communication System: UID 0, LTE Band 25 (PCS); Frequency: 1860 MHz; Duty Cycle: 1:1

Medium: 1900 Body; Medium parameters used:

$f = 1860$ MHz; $\sigma = 1.517$ S/m; $\epsilon_r = 52.947$; $\rho = 1000$ kg/m³

Phantom section: Flat Section; Space: 0.0 cm

Test Date: 10/18/2020; Ambient Temp: 23.3°C; Tissue Temp: 21.8°C

Probe: EX3DV4 - SN7571; ConvF(7.56, 7.56, 7.56) @ 1860 MHz; Calibrated: 12/11/2019

Sensor-Surface: 1.4mm (Mechanical Surface Detection)

Electronics: DAE4 Sn1533; Calibrated: 12/5/2019

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), Phablet SAR, Bottom Edge, Low.ch
20 MHz Bandwidth, QPSK, 50 RB, 0 RB Offset

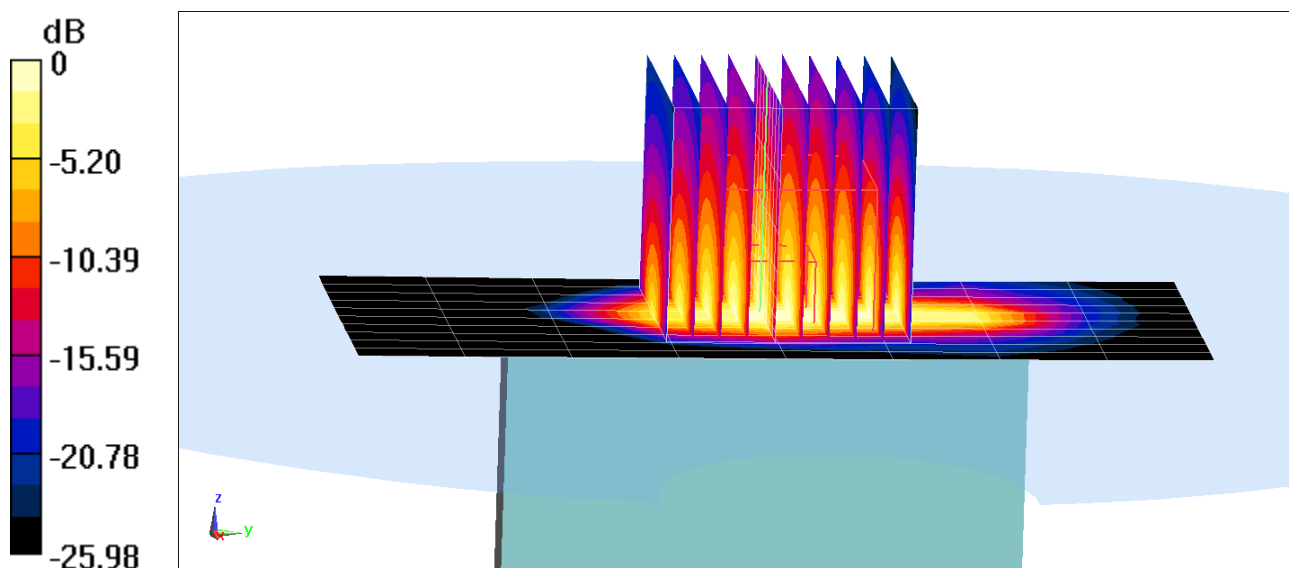
Area Scan (11x9x1): Measurement grid: dx=5mm, dy=15mm

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

Reference Value = 57.22 V/m; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 13.6 W/kg

SAR(10 g) = 1.89 W/kg



0 dB = 7.54 W/kg = 8.77 dBW/kg

PCTEST

DUT: A3LSMG996U; Type: Portable Handset; Serial: 0560M

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

Medium: 2450 Body; Medium parameters used:

$f = 2310$ MHz; $\sigma = 1.875$ S/m; $\epsilon_r = 50.99$; $\rho = 1000$ kg/m³

Phantom section: Flat Section; Space: 0.0 cm

Test Date: 10/04/2020; Ambient Temp: 23.1°C; Tissue Temp: 23.5°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, Phablet SAR, Back side, Mid.ch
10 MHz Bandwidth, QPSK, 25 RB, 12 RB Offset

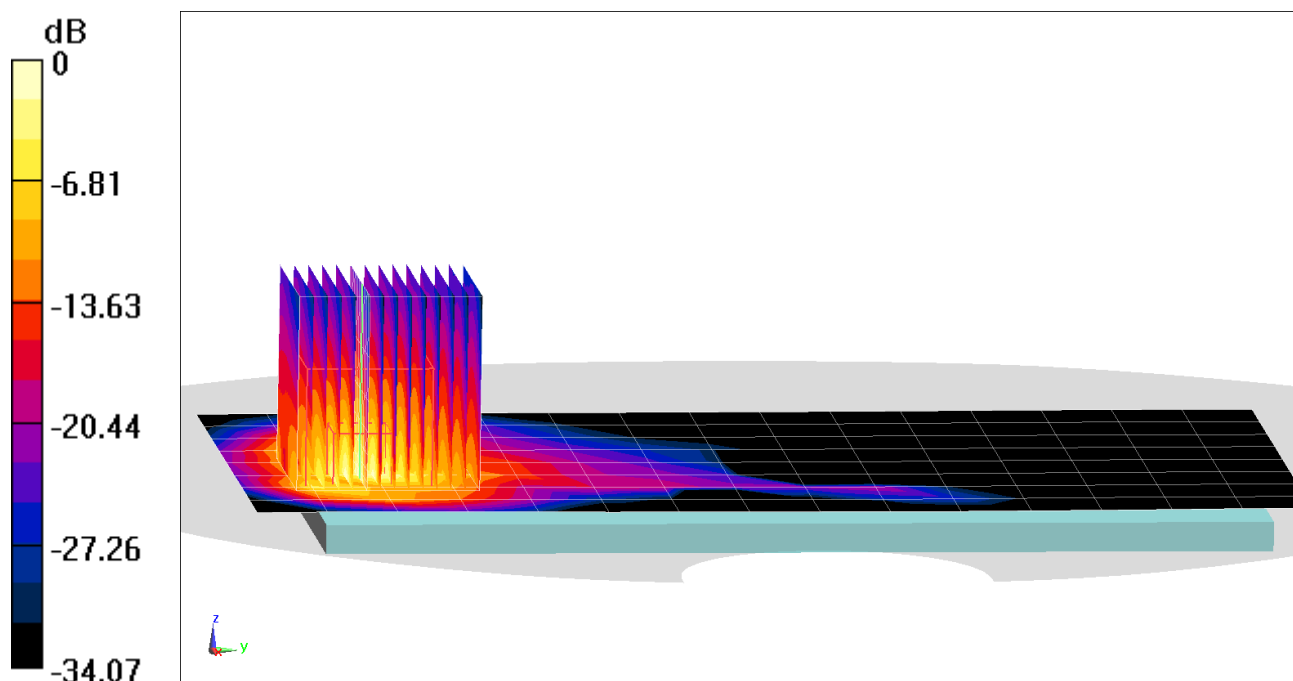
Area Scan (9x16x1): Measurement grid: dx=12mm, dy=12mm

Zoom Scan (14x14x8)/Cube 0: Measurement grid: dx=2.4mm, dy=2.4mm, dz=1.4mm; Graded Ratio: 1.4

Reference Value = 44.10 V/m; Power Drift = -0.13 dB

Peak SAR (extrapolated) = 14.0 W/kg

SAR(10 g) = 1.1 W/kg



0 dB = 8.88 W/kg = 9.48 dBW/kg

PCTEST

DUT: A3LSMG996U; Type: Portable Handset; Serial: 0579M

Communication System: UID 0, LTE Band 7; Frequency: 2560 MHz; Duty Cycle: 1:1

Medium: 2450 Body; Medium parameters used:

$f = 2560$ MHz; $\sigma = 2.169$ S/m; $\epsilon_r = 50.255$; $\rho = 1000$ kg/m³

Phantom section: Flat Section; Space: 0.0 cm

Test Date: 10/04/2020; Ambient Temp: 23.1°C; Tissue Temp: 23.5°C

Probe: EX3DV4 - SN7409; ConvF(7.12, 7.12, 7.12) @ 2560 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, High.ch
20 MHz Bandwidth, QPSK, 50 RB, 25 RB Offset

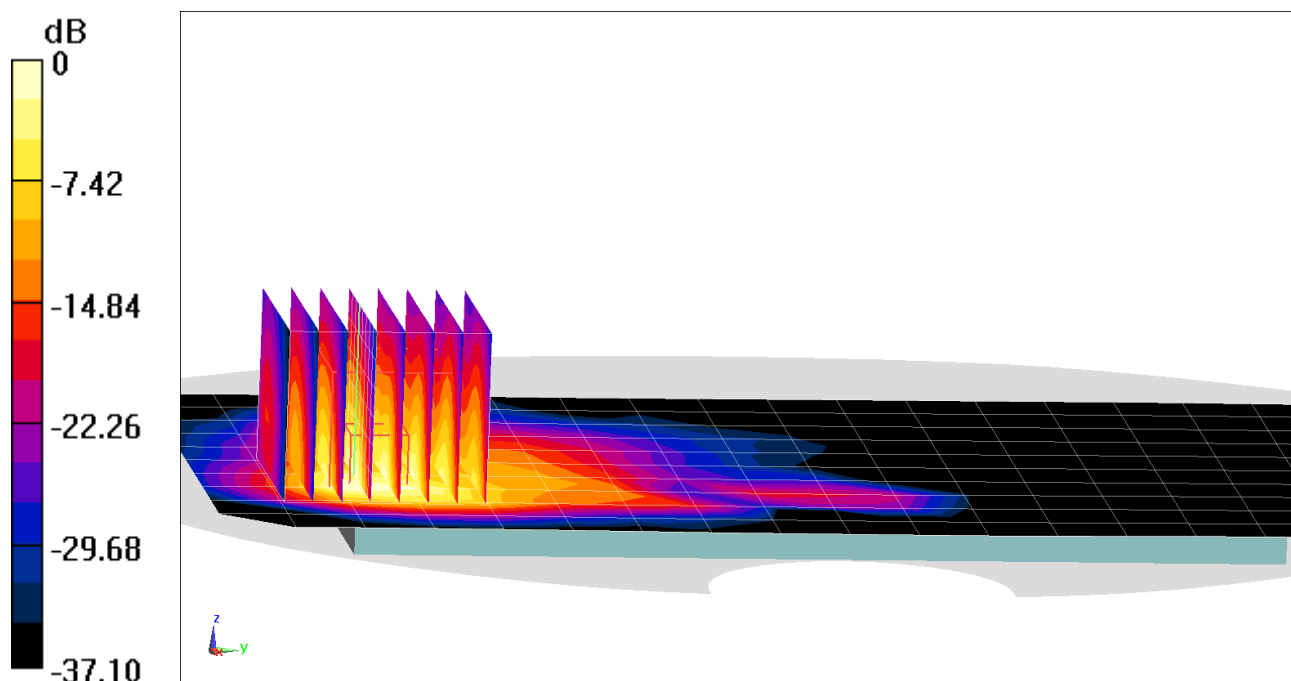
Area Scan (11x18x1): Measurement grid: dx=12mm, dy=12mm

Zoom Scan (9x8x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 26.87 V/m; Power Drift = -0.18 dB

Peak SAR (extrapolated) = 14.1 W/kg

SAR(10 g) = 1.65 W/kg



0 dB = 8.98 W/kg = 9.53 dBW/kg

PCTEST

DUT: A3LSMG996U; Type: Portable Handset; Serial: 0414M

Communication System: UID 0, LTE Band 41 (Class 3); Frequency: 2636.5 MHz; Duty Cycle: 1:1.58

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

$f = 2636.5$ MHz; $\sigma = 2.269$ S/m; $\epsilon_r = 51.46$; $\rho = 1000$ kg/m³

Phantom section: Flat Section; Space: 0.0 cm

Test Date: 10/15/2020; Ambient Temp: 22.0°C; Tissue Temp: 23.0°C

Probe: EX3DV4 - SN7409; ConvF(7.12, 7.12, 7.12) @ 2636.5 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, Phablet SAR, Back side, Mid-High.ch
20 MHz Bandwidth, QPSK, 50 RB, 25 RB Offset

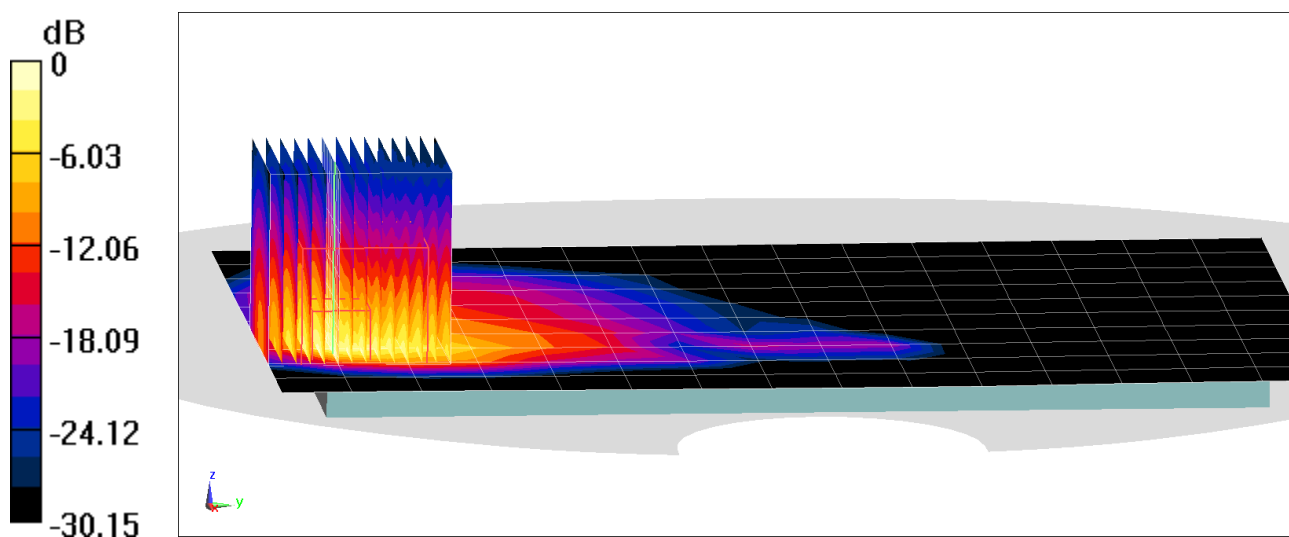
Area Scan (11x16x1): Measurement grid: dx=12mm, dy=12mm

Zoom Scan (14x14x8)/Cube 0: Measurement grid: dx=2.4mm, dy=2.4mm, dz=1.4mm; Graded Ratio: 1.4

Reference Value = 33.28 V/m; Power Drift = 0.14 dB

Peak SAR (extrapolated) = 17.5 W/kg

SAR(10 g) = 1.93 W/kg



PCTEST

DUT: A3LSMG996U; Type: Portable Handset; Serial: 0417M

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

Medium: 1750 Body; Medium parameters used:

$f = 1745$ MHz; $\sigma = 1.506$ S/m; $\epsilon_r = 52.767$; $\rho = 1000$ kg/m³

Phantom section: Flat Section; Space: 0.0 cm

Test Date: 10/16/2020; Ambient Temp: 23.7°C; Tissue Temp: 21.8°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, Antenna A, Phablet SAR, Bottom Edge, 40 MHz Bandwidth
DFT-s-OFDM QPSK, Ch. 349000, 108 RB, 0 RB Offset**

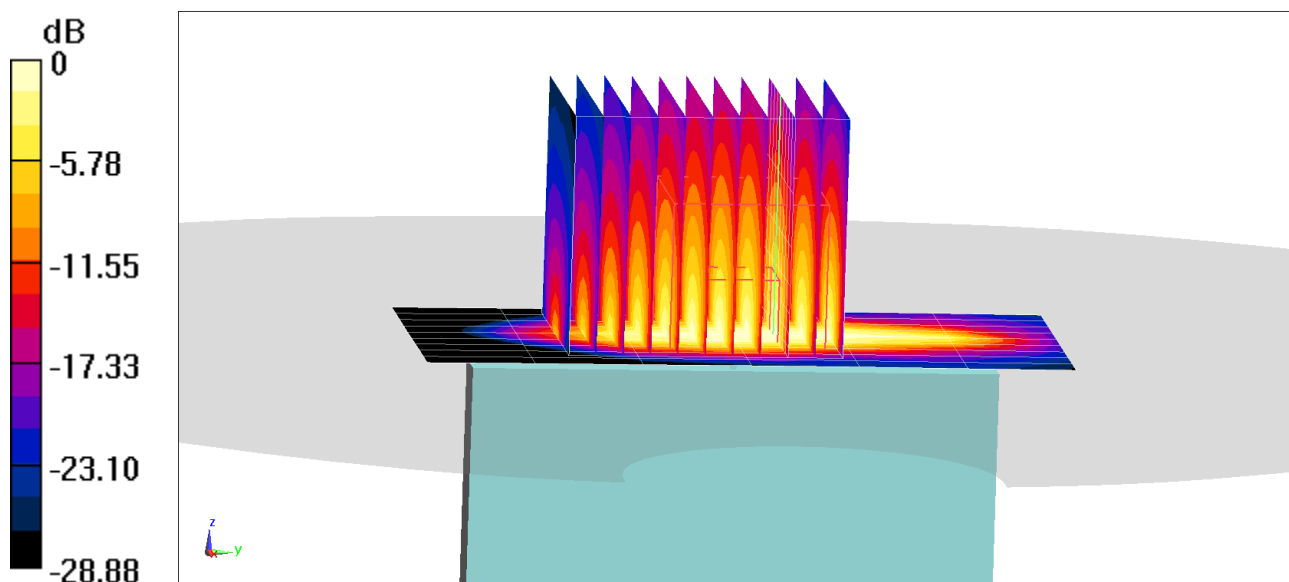
Area Scan (10x7x1): Measurement grid: dx=5mm, dy=15mm

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

Reference Value = 58.76 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 14.2 W/kg

SAR(10 g) = 2.29 W/kg



PCTEST

DUT: A3LSMG996U; Type: Portable Handset; Serial: 0408M

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

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

$f = 1882.5$ MHz; $\sigma = 1.526$ S/m; $\epsilon_r = 52.422$; $\rho = 1000$ kg/m³

Phantom section: Flat Section; Space: 0.0 cm

Test Date: 10/14/2020; Ambient Temp: 22.9°C; Tissue Temp: 23.8°C

Probe: EX3DV4 - SN7571; ConvF(7.56, 7.56, 7.56) @ 1882.5 MHz; Calibrated: 12/11/2019

Sensor-Surface: 1.4mm (Mechanical Surface Detection)

Electronics: DAE4 Sn1533; Calibrated: 12/5/2019

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

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

**Mode: NR Band n25, Antenna A, Phablet SAR, Bottom Edge, 40 MHz Bandwidth
DFT-s-OFDM QPSK, Ch. 376500, 1 RB, 1 RB Offset**

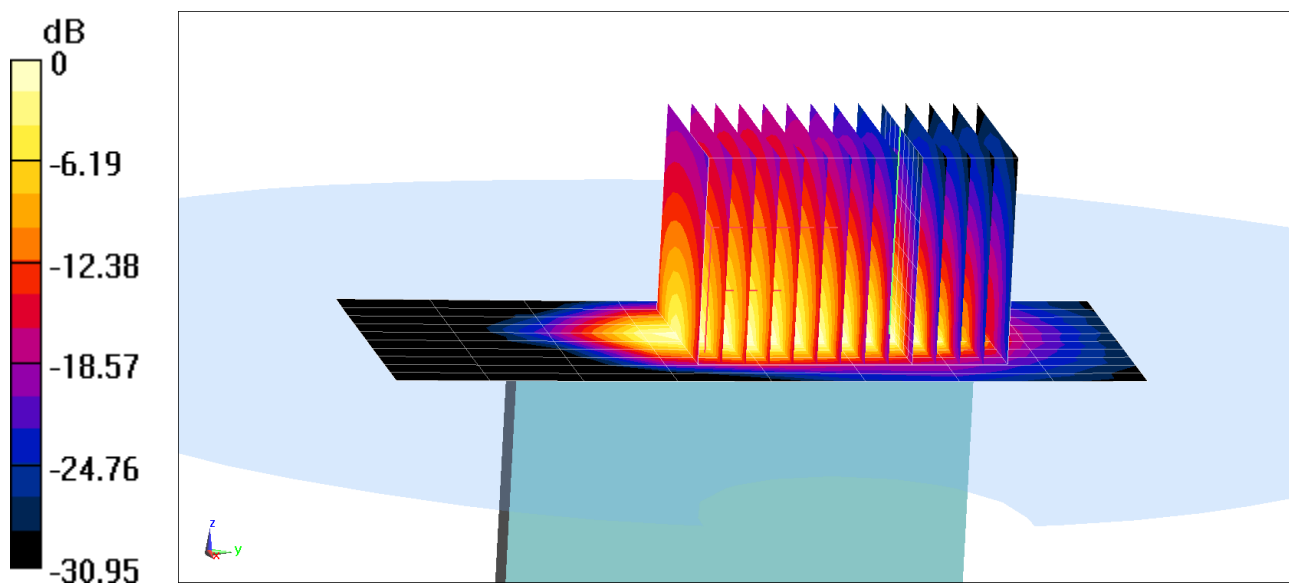
Area Scan (11x9x1): Measurement grid: dx=5mm, dy=15mm

Zoom Scan (10x14x8)/Cube 0: Measurement grid: dx=3.8mm, dy=3.8mm, dz=1.4mm; Graded Ratio: 1.4

Reference Value = 50.41 V/m; Power Drift = 0.20 dB

Peak SAR (extrapolated) = 14.9 W/kg

SAR(10 g) = 1.83 W/kg



PCTEST

DUT: A3LSMG996U; Type: Portable Handset; Serial: 0419M

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

Medium: 2450 Body; Medium parameters used:

$f = 2310$ MHz; $\sigma = 1.872$ S/m; $\epsilon_r = 53.01$; $\rho = 1000$ kg/m³

Phantom section: Flat Section; Space: 0.0 cm

Test Date: 11/05/2020; Ambient Temp: 22.0°C; Tissue Temp: 21.7°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: NR Band n30, Phablet SAR, Back Side, 10 MHz Bandwidth
DFT-s-OFDM QPSK, Ch. 462000, 1 RB, 1 RB Offset**

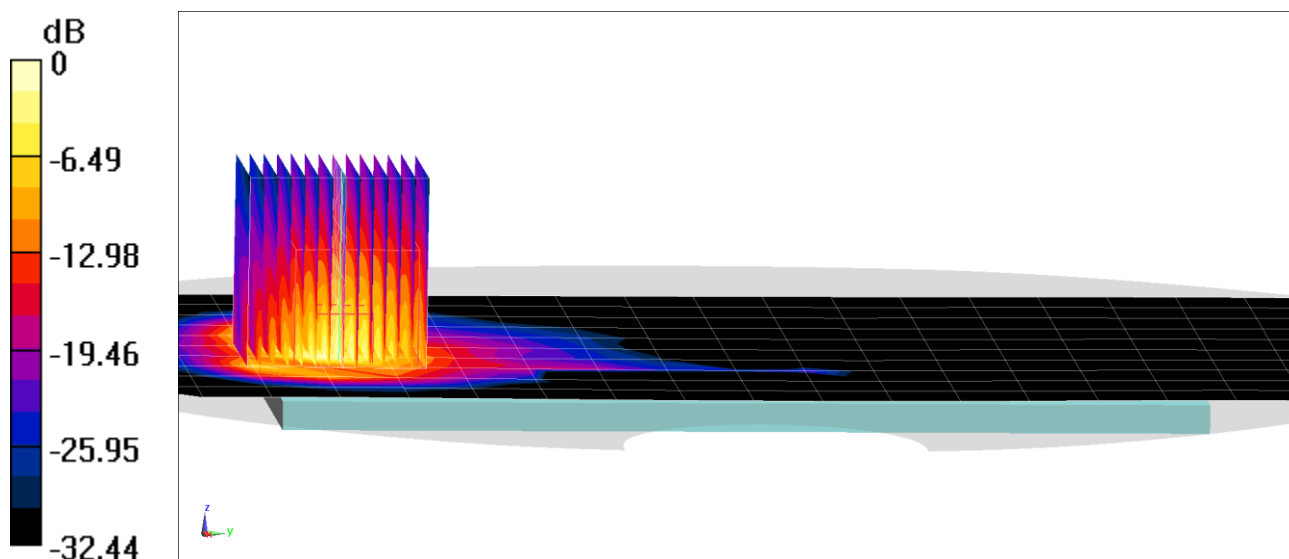
Area Scan (11x19x1): Measurement grid: dx=12mm, dy=12mm

Zoom Scan (13x14x8)/Cube 0: Measurement grid: dx=2.4mm, dy=2.4mm, dz=1.4mm; Graded Ratio: 1.4

Reference Value = 44.91 V/m; Power Drift = -0.17 dB

Peak SAR (extrapolated) = 16.6 W/kg

SAR(10 g) = 1.51 W/kg



PCTEST

DUT: A3LSMG996U; Type: Portable Handset; Serial: 0311M

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; $\sigma = 2.189$ S/m; $\epsilon_r = 51.322$; $\rho = 1000$ kg/m³

Phantom section: Flat Section; Space: 0.0 cm

Test Date: 11/05/2020; Ambient Temp: 20.3°C; Tissue Temp: 20.80°C

Probe: EX3DV4 - SN7308; ConvF(7.37, 7.37, 7.37) @ 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, Antenna B, Body SAR, Bottom Edge, 100 MHz Bandwidth
CP-OFDM QPSK, Ch. 518598, 1 RB, 1 RB Offset**

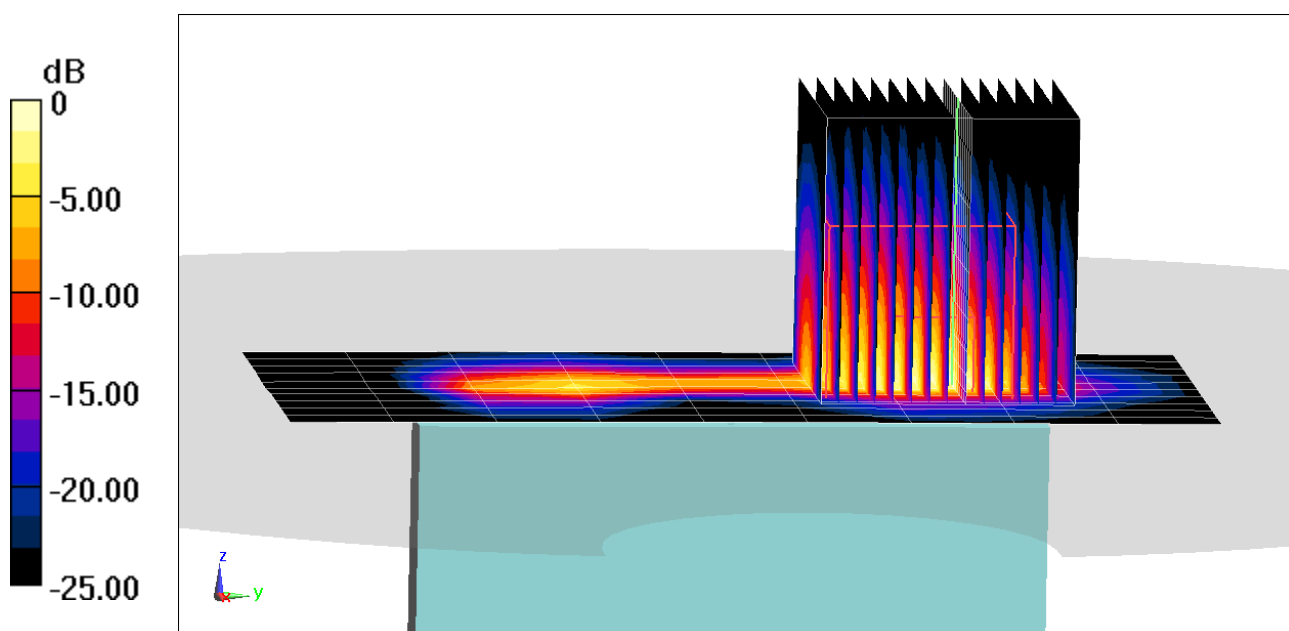
Area Scan (11x10x1): Measurement grid: dx=5mm, dy=12mm

Zoom Scan (15x15x8)/Cube 0: Measurement grid: dx=2.1mm, dy=2.1mm, dz=1.4mm; Graded Ratio: 1.4

Reference Value = 27.73 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 6.61 W/kg

SAR(10 g) = 0.398 W/kg



0 dB = 3.34 W/kg = 5.24 dBW/kg

PCTEST

DUT: A3LSMG996U; Type: Portable Handset; Serial: 0870M

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

Medium: 3600 Body; Medium parameters used:

$f = 3750$ MHz; $\sigma = 3.653$ S/m; $\epsilon_r = 48.936$; $\rho = 1000$ kg/m³

Phantom section: Flat Section; Space: 0.0 cm

Test Date: 12/01/2020; Ambient Temp: 23.1°C; Tissue Temp: 20.0°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 V8.0 (20); Type: QD 000 P41 Ax; Serial: 1966

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

**Mode: NR Band n77, Phablet SAR, Right Edge, Ch. 650000, 100 MHz Bandwidth
DFT-s-OFDM QPSK, 135 RB, 69 RB Offset**

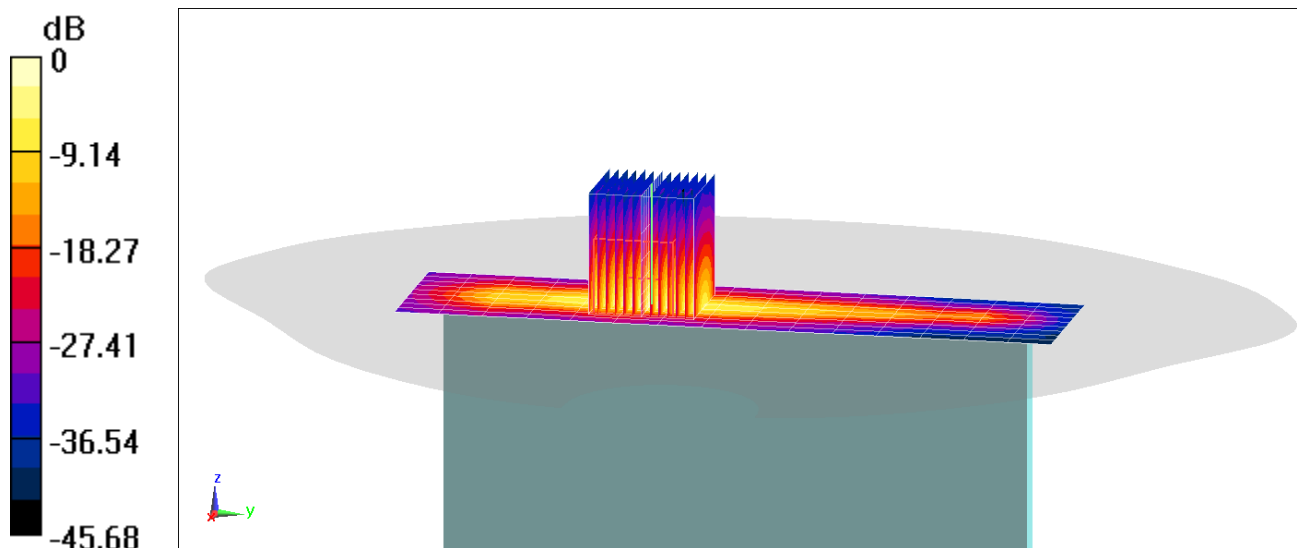
Area Scan (10x16x1): Measurement grid: dx=5mm, dy=12mm

Zoom Scan (13x13x8)/Cube 0: Measurement grid: dx=2.4mm, dy=2.4mm, dz=1.4mm; Graded Ratio: 1.4

Reference Value = 64.89 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 63.1 W/kg

SAR(10 g) = 3.09 W/kg



0 dB = 34.8 W/kg = 15.42 dBW/kg

PCTEST

DUT: A3LSMG996U; Type: Portable Handset; Serial: 0287M

Communication System: UID 0, 802.11a 5.2-5.8 GHz Band; Frequency: 5720 MHz; Duty Cycle: 1:1

Medium: 5200-5800 Body; Medium parameters used:

$f = 5720 \text{ MHz}$; $\sigma = 6.143 \text{ S/m}$; $\epsilon_r = 47.359$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section; Space: 0.0 cm

Test Date: 10/18/2020; Ambient Temp: 22.4°C; Tissue Temp: 21.5°C

Probe: EX3DV4 - SN7538; ConvF(4.17, 4.17, 4.17) @ 5720 MHz; Calibrated: 5/18/2020

Sensor-Surface: 1.4mm (Mechanical Surface Detection)

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

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 802.11a, Antenna 1, U-NII-2C, 20 MHz Bandwidth
Phablet SAR, Ch 144, 6 Mbps, Left Edge

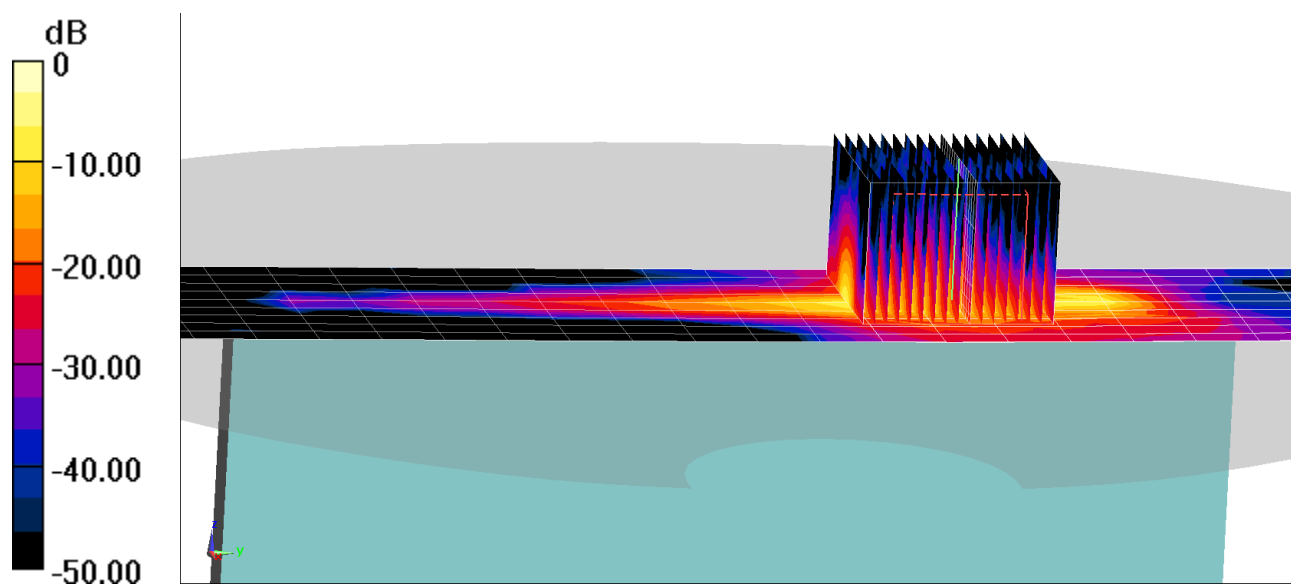
Area Scan (10x21x1): Measurement grid: $dx=5\text{mm}$, $dy=10\text{mm}$

Zoom Scan (17x17x7)/Cube 0: Measurement grid: $dx=1.9\text{mm}$, $dy=1.9\text{mm}$, $dz=1.4\text{mm}$; Graded Ratio: 1.4

Reference Value = 1.255 V/m; Power Drift = 0.19 dB

Peak SAR (extrapolated) = 109 W/kg

SAR(10 g) = 2.17 W/kg



0 dB = 49.2 W/kg = 16.92 dBW/kg