

APPENDIX A: SAR TEST DATA

PCTEST

DUT: A3LSMS901E; Type: Portable Handset; Serial: 0851V

Communication System: UID:10931 - AAB, 5G NR FR1 FDD; MAIA: Y; Frequency: 1860.0 MHz
Medium: 1900 Head; Medium parameters used:
f = 1860.0 MHz; cond = 1.40 S/m; perm = 40.3; density = 1000 kg/m³
Phantom Section: LeftHead; Space: 0.00 mm

Test Date: 02/28/2022; Ambient Temp: 21.5°C; Tissue Temp: 21.1 °C

Probe: EX3DV4 - SN7406; ConvF:(7.98,7.98,7.98); Calibrated: 2021-07-20
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1676; Calibrated: 2021-06-21
Phantom: Twin-SAM V8.0; Serial: 2058
Measurement SW: DASY Module SAR V16.0.0.65

**Mode: NR Band n25, Left Head, Cheek, Ch. 372000, 20 MHz Bandwidth,
DFT-s-OFDM QPSK, 1 RB, 53 RB Offset**

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

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

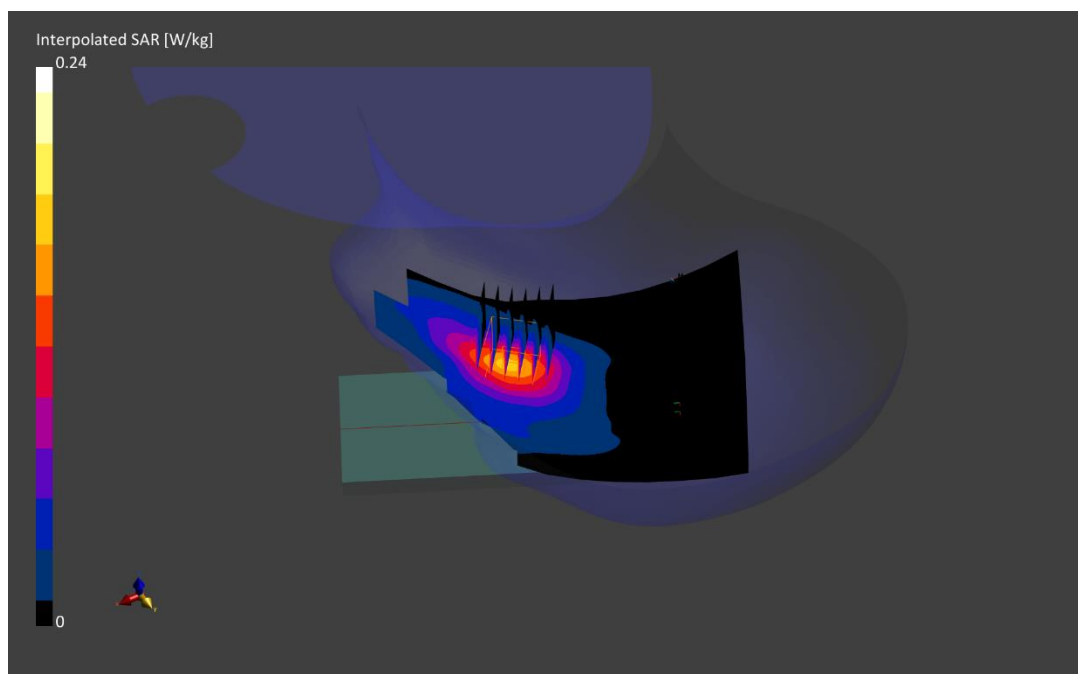
Reference Value = 0.16 W/kg; Power Drift = 0.13 dB

Peak SAR (extrapolated) = 0.240 W/kg

SAR(1 g) = 0.152 W/kg

Smallest distance from peaks to all points 3 dB below is 13.1 mm

Ratio of SAR at M2 to SAR at M1 = 87.2 %



PCTEST

DUT: A3LSMS901E; Type: Portable Handset; Serial: 0851V

Communication System: UID:10868 - AAD, 5G NR FR1 TDD; MAIA: Y; Frequency: 2593.0 MHz

Medium: 2450 Head; Medium parameters used:

f = 2593.0 MHz; cond = 1.97 S/m; perm = 37.3; density = 1000 kg/m³

Phantom Section: LeftHead; Space: 0.00 mm

Test Date: 02/16/2022; Ambient Temp: 20.2°C; Tissue Temp: 19.1°C

Probe: EX3DV4 - SN7552; ConvF:(7.1,7.1,7.1); Calibrated: 2021-09-20

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

Electronics: DAE4 Sn1680; Calibrated: 2021-08-04

Phantom: Twin-SAM V8.0; Serial: 2065

Measurement SW: DASY Module SAR V16.0.0.65

**Mode: NR Band n41, Antenna F, Left Head, Tilt, 100 MHz Bandwidth,
DFT-s-OFDM, QPSK, Ch. 518598, 270 RB, 0 RB Offset**

Area Scan (120.0 x 180.0): Measurement grid: dx=10.0 mm, dy=10.0 mm

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

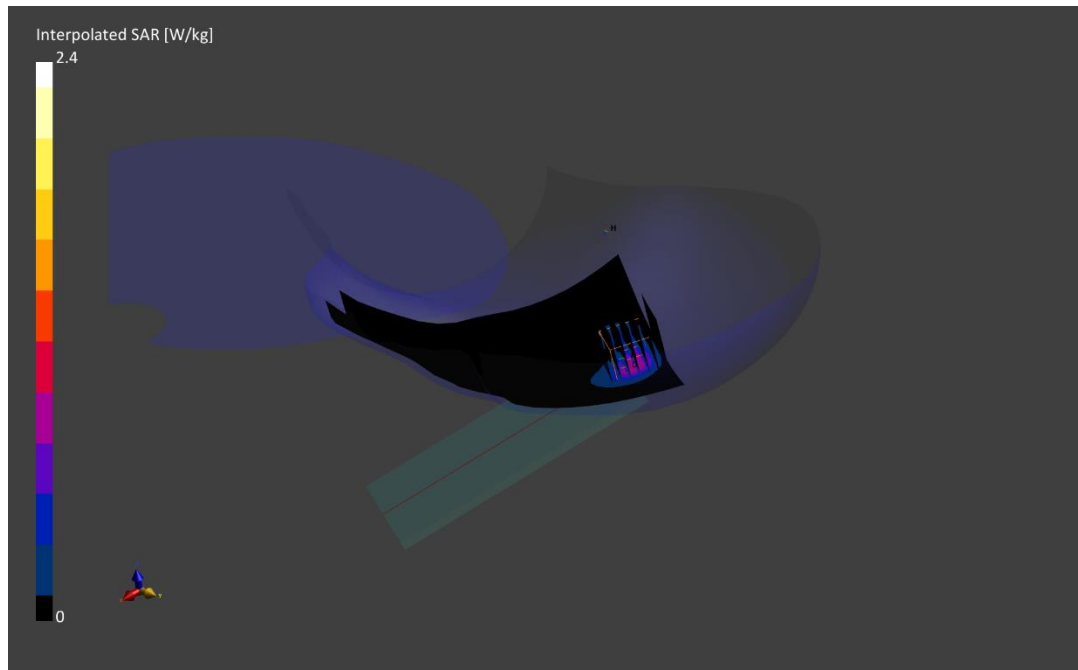
Reference Value = 0.89 W/kg; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 2.41 W/kg

SAR(1 g) = 0.908 W/kg

Smallest distance from peaks to all points 3 dB below is 6.0 mm

Ratio of SAR at M2 to SAR at M1 = 73.3 %



PCTEST

DUT: A3LSMS901E; Type: Portable Handset; Serial: 0838V

Communication System: UID:10866 - AAD, 5G NR FR1 TDD; MAIA: Y; Frequency: 3500.0 MHz

Medium: 3600 Head; Medium parameters used:

f = 3500.0 MHz; cond = 2.79 S/m; perm = 37.8; density = 1000 kg/m³

Phantom Section: RightHead; Space: 0.00 mm

Test Date: 02/23/2022; Ambient Temp: 23.8°C; Tissue Temp: 21.1°C

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

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

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

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

Measurement SW: DASY Module SAR V16.0.0.116

**Mode: NR Band n77 (DoD), Antenna G, Right Head, Cheek, Ch. 633334,
100 MHz Bandwidth, DFT-s-OFDM QPSK, 1 RB, 271 RB Offset**

Area Scan (120.0 x 180.0): Measurement grid: dx=10.0 mm, dy=10.0 mm

Zoom Scan (28.0 x 28.0 x 28.0): Measurement grid: dx=3.1 mm, dy=3.1 mm, dz=1.2 mm; Graded Ratio: 1.2

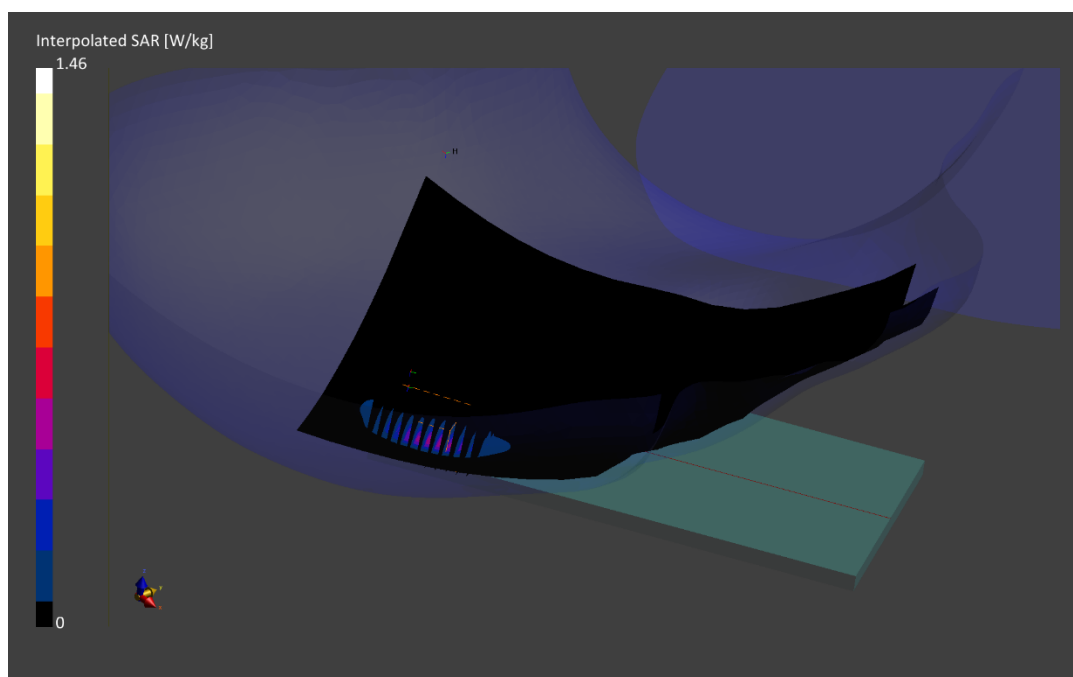
Reference Value = 0.43 W/kg; Power Drift = 0.12 dB

Peak SAR (extrapolated) = 1.46 W/kg

SAR(1 g) = 0.409 W/kg

Smallest distance from peaks to all points 3 dB below is 4.0 mm

Ratio of SAR at M2 to SAR at M1 = 71.4 %



PCTEST

DUT: A3LSMS901E; Type: Portable Handset; Serial: 0838V

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

Medium: 3600 Head; Medium parameters used:

f = 3930.0 MHz; cond = 3.20 S/m; perm = 37.1; density = 1000 kg/m³

Phantom Section: RightHead; Space: 0.00 mm

Test Date: 02/23/2022; Ambient Temp: 23.8°C; Tissue Temp: 21.1°C

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

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

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

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

Measurement SW: DASY Module SAR V16.0.0.116

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

Area Scan (120.0 x 180.0): Measurement grid: dx=10.0 mm, dy=10.0 mm

Zoom Scan (28.0 x 28.0 x 28.0): Measurement grid: dx=4.4 mm, dy=4.4 mm, dz=1.4 mm; Graded Ratio: 1.4

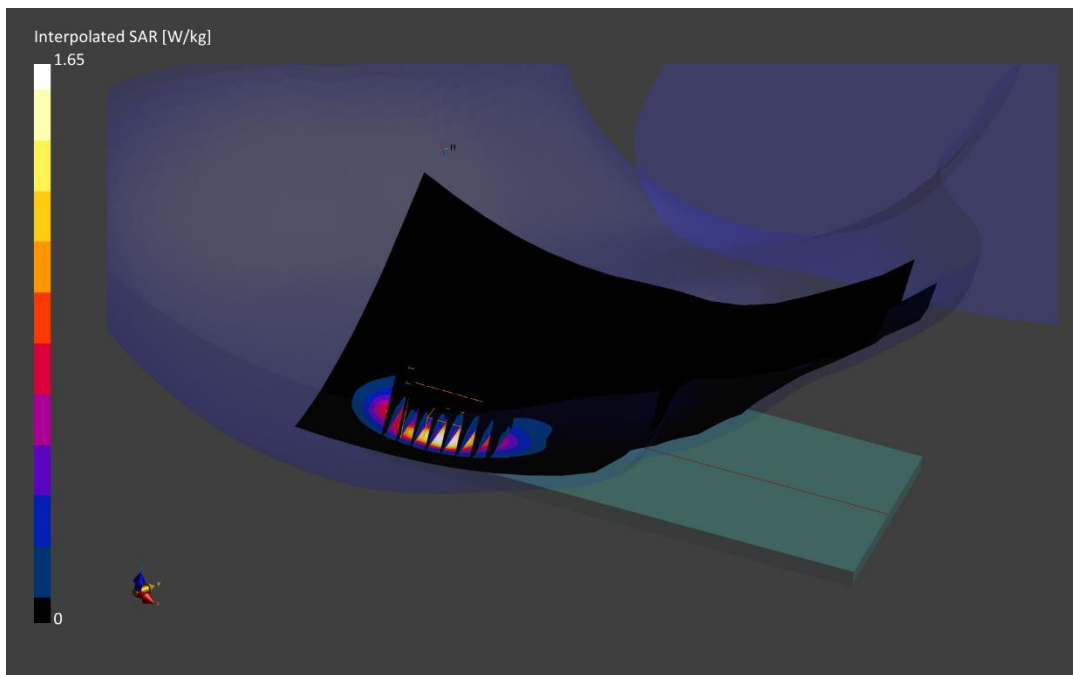
Reference Value = 0.60 W/kg; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 1.65 W/kg

SAR(1 g) = 0.500 W/kg

Smallest distance from peaks to all points 3 dB below is > 4.4 mm

Ratio of SAR at M2 to SAR at M1 = 70.5 %



PCTEST

DUT: A3LSMS901E; Type: Portable Handset; Serial: 0851V

Communication System: UID:10931 - AAB, 5G NR FR1 FDD; MAIA: Y; Frequency: 1860.0 MHz

Medium: 1900 Body; Medium parameters used:

f = 1860.0 MHz; cond = 1.53 S/m; perm = 52.3; density = 1000 kg/m³

Phantom Section: Flat; Space: 15.00 mm

Test Date: 02/28/2022; Ambient Temp: 24.3°C; Tissue Temp: 22.8°C

Probe: EX3DV4 - SN7410; ConvF:(7.7,7.7,7.7); Calibrated: 2021-07-20

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

Electronics: DAE4 Sn1583; Calibrated: 2021-07-13

Phantom: Twin-SAM V5.0; Serial: 1792

Measurement SW: DASY Module SAR V16.0.0.116

**Mode: NR Band n25, Body SAR, Back Side, Ch. 372000,
20 MHz Bandwidth, DFT-s-OFDM QPSK, 1 RB, 53 RB Offset**

Area Scan (120.0 x 180.0): Measurement grid: dx=15.0 mm, dy=15.0 mm

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

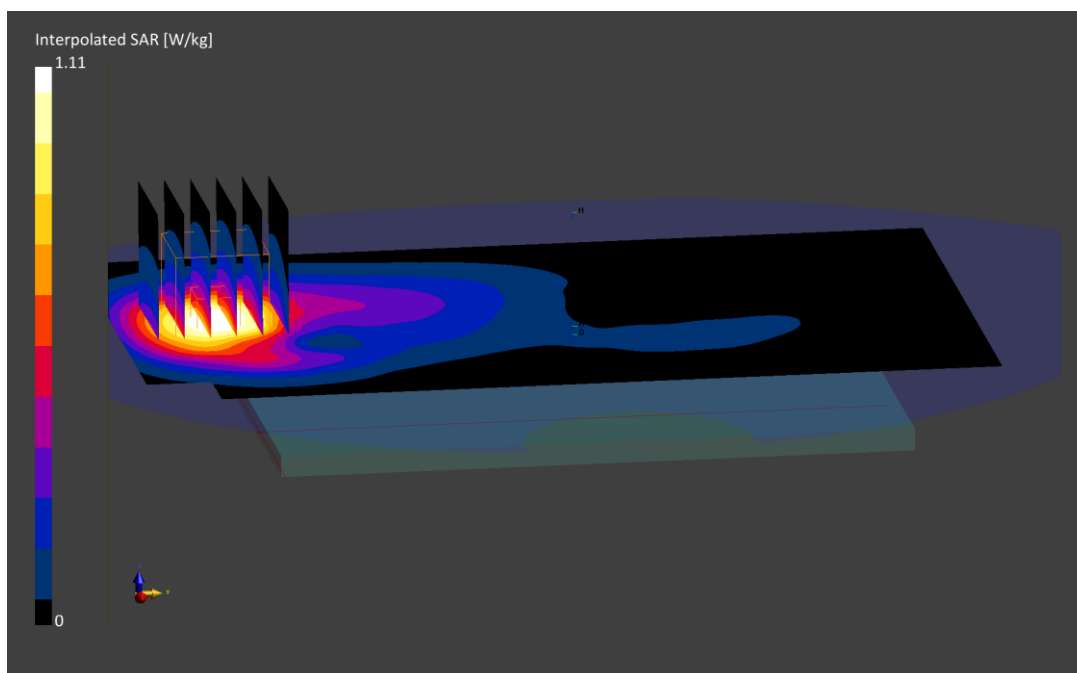
Reference Value = 0.65 W/kg; Power Drift = -0.13 dB

Peak SAR (extrapolated) = 1.11 W/kg

SAR(1 g) = 0.674 W/kg

Smallest distance from peaks to all points 3 dB below is 14.0 mm

Ratio of SAR at M2 to SAR at M1 = 85.7 %



PCTEST

DUT: A3LSMS901E; Type: Portable Handset; Serial: 2226V

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

Medium: 2450 Body; Medium parameters used:

f = 2593.0 MHz; cond = 2.15 S/m; perm = 51.6; density = 1000 kg/m³

Phantom Section: Flat; Space: 15.00 mm

Test Date: 02/21/2022; Ambient Temp: 20.9°C; Tissue Temp: 23.0°C

Probe: EX3DV4 - SN7409; ConvF:(7.24,7.24,7.24); Calibrated: 2021-06-21

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

Electronics: DAE4 Sn1334; Calibrated: 2021-06-15

Phantom: Twin-SAM V5.0; Serial: 1759

Measurement SW: DASY Module SAR V16.0.0.116

**Mode: NR Band n41, Antenna F, Body SAR, Back Side, Ch. 518598,
100 MHz Bandwidth, CP-OFDM QPSK, 1 RB, 1 RB Offset**

Area Scan (120.0 x 180.0): Measurement grid: dx=10.0 mm, dy=10.0 mm

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

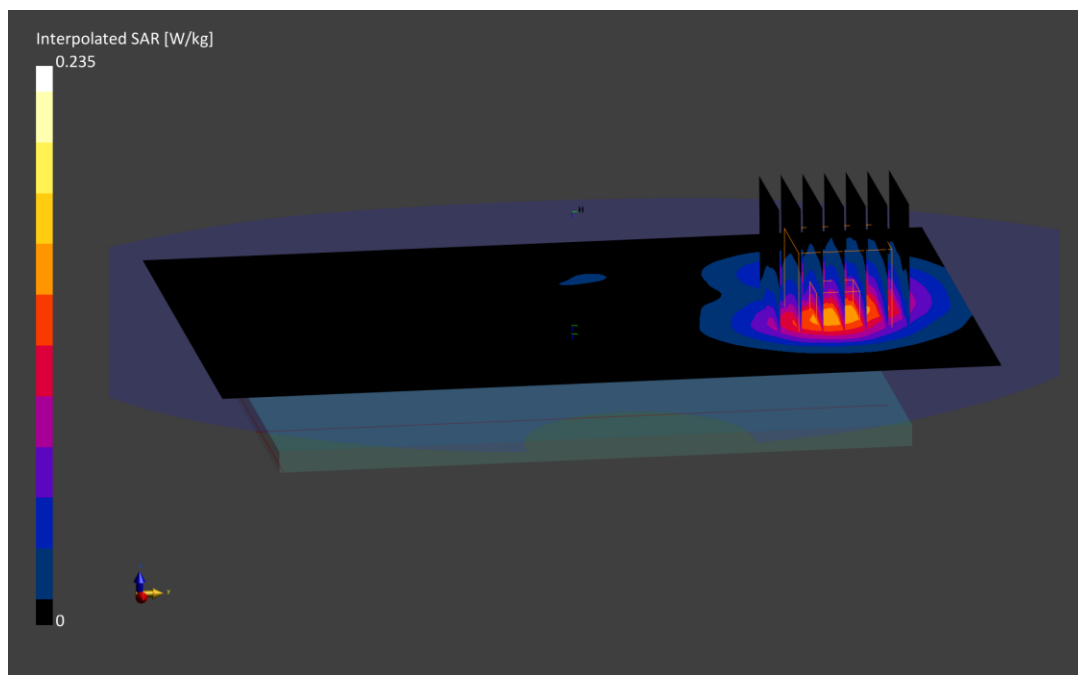
Reference Value = 0.12 W/kg; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.235 W/kg

SAR(1 g) = 0.124 W/kg

Smallest distance from peaks to all points 3 dB below is 13.5 mm

Ratio of SAR at M2 to SAR at M1 = 80.0 %



PCTEST

DUT: A3LSMS901E; Type: Portable Handset; Serial: 0846V

Communication System: UID:10866 - AAD, 5G NR FR1 TDD; MAIA: Y; Frequency: 3500.0 MHz

Medium: 3600 Body; Medium parameters used:

f = 3500.0 MHz; cond = 3.17 S/m; perm = 49.4; density = 1000 kg/m³

Phantom Section: Flat; Space: 15.00 mm

Test Date: 02/20/2022; Ambient Temp: 21.8°C; Tissue Temp: 21.6°C

Probe: EX3DV4 - SN7661; ConvF:(6.7,6.7,6.7); Calibrated: 2021-06-28

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

Electronics: DAE4 Sn1450; Calibrated: 2021-08-16

Phantom: Twin-SAM V5.0; Serial: 1692rightback

Measurement SW: DASY Module SAR V16.0.0.116

**Mode: NR Band n77 (DoD) Antenna G, Body SAR, Back side, Ch. 633334,
100 MHz Bandwidth, DFT-s-OFDM QPSK, 1 RB, 271 RB Offset**

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

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

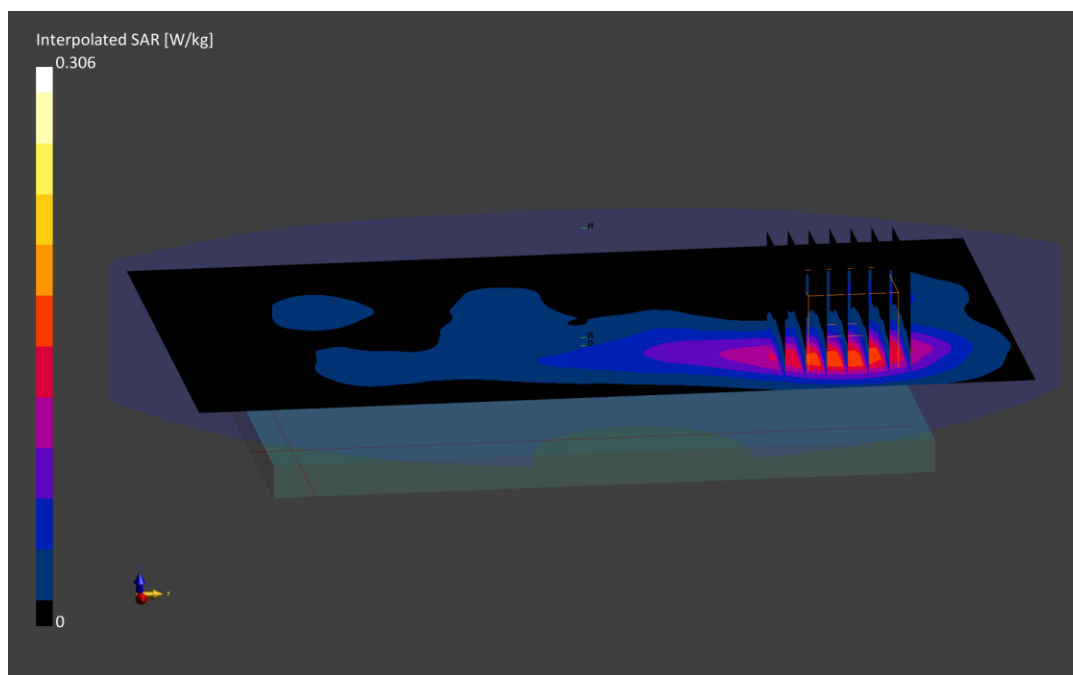
Reference Value = 0.09 W/kg; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 0.306 W/kg

SAR(1 g) = 0.137 W/kg

Smallest distance from peaks to all points 3 dB below is 12.6 mm

Ratio of SAR at M2 to SAR at M1 = 76.3 %



PCTEST

DUT: A3LSMS901E; Type: Portable Handset; Serial: 0846V

Communication System: UID:10803 - AAD, 5G NR FR1 TDD; MAIA: Y; Frequency: 3930.0 MHz
Medium: 3600 Body; Medium parameters used:
f = 3930.0 MHz; cond = 3.75 S/m; perm = 49.4; density = 1000 kg/m³
Phantom Section: Flat; Space: 15.00 mm

Test Date: 02/16/2022; Ambient Temp: 21.0°C; Tissue Temp: 21.0°C

Probe: EX3DV4 - SN7661; ConvF:(6.51,6.51,6.51); Calibrated: 2021-06-28
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1450; Calibrated: 2021-08-16
Phantom: Twin-SAM V5.0; Serial: 1692rightback
Measurement SW: DASY Module SAR V16.0.0.116

**Mode: NR Band n77, Antenna G, Body SAR, Back side, Ch. 662000,
100 MHz Bandwidth, CP-OFDM QPSK, 1 RB, 1 RB Offset**

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

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

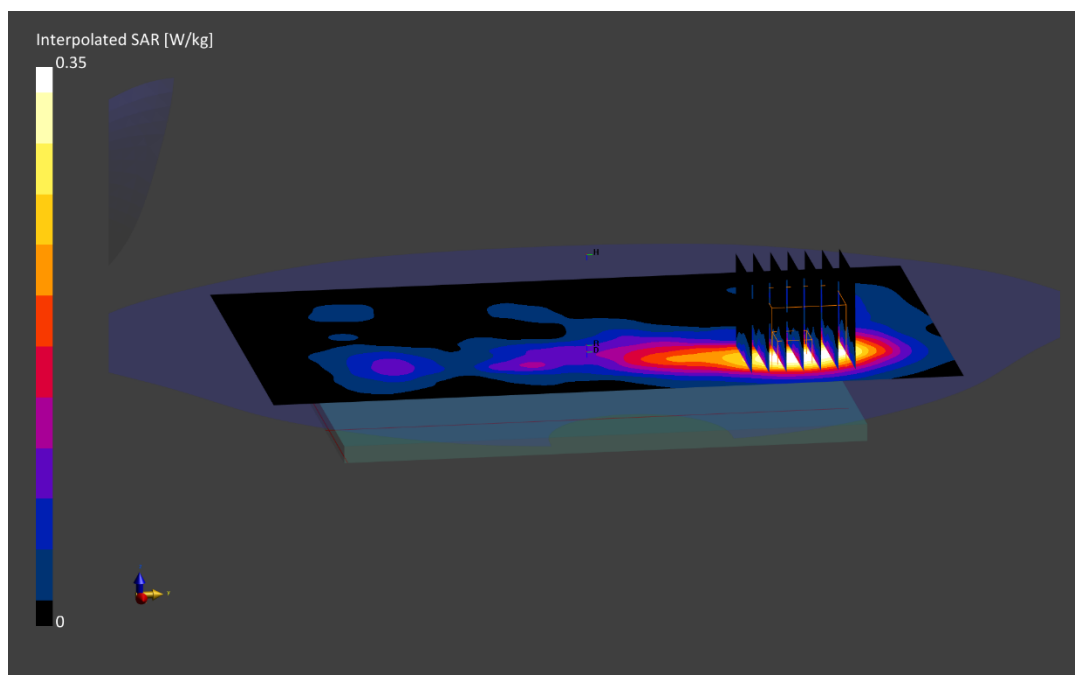
Reference Value = 0.09 W/kg; Power Drift = -0.15 dB

Peak SAR (extrapolated) = 0.350 W/kg

SAR(1 g) = 0.136 W/kg

Smallest distance from peaks to all points 3 dB below is 10.4 mm

Ratio of SAR at M2 to SAR at M1 = 77.8 %



PCTEST

DUT: A3LSMS901E; Type: Portable Handset; Serial: 2346V

Communication System: UID:10028 - DAC, GSM; MAIA: Y; Frequency: 1880.0 MHz

Medium: 1900 Body; Medium parameters used:

f = 1880.0 MHz; cond = 1.54 S/m; perm = 51.2; density = 1000 kg/m³

Phantom Section: Flat; Space: 10.00 mm

Test Date: 03/07/2022; Ambient Temp: 24.8°C; Tissue Temp: 23.4°C

Probe: EX3DV4 - SN7410; ConvF:(7.7,7.7,7.7); Calibrated: 2021-07-20

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

Electronics: DAE4 Sn1583; Calibrated: 2021-07-13

Phantom: Twin-SAM V5.0; Serial: 1792

Measurement SW: DASY Module SAR V16.0.0.116

Mode: GPRS 1900, Body SAR, Bottom edge, Mid. ch, 4 Tx Slots

Area Scan (40.0 x 120.0): Measurement grid: dx=4.0 mm, dy=15.0 mm

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

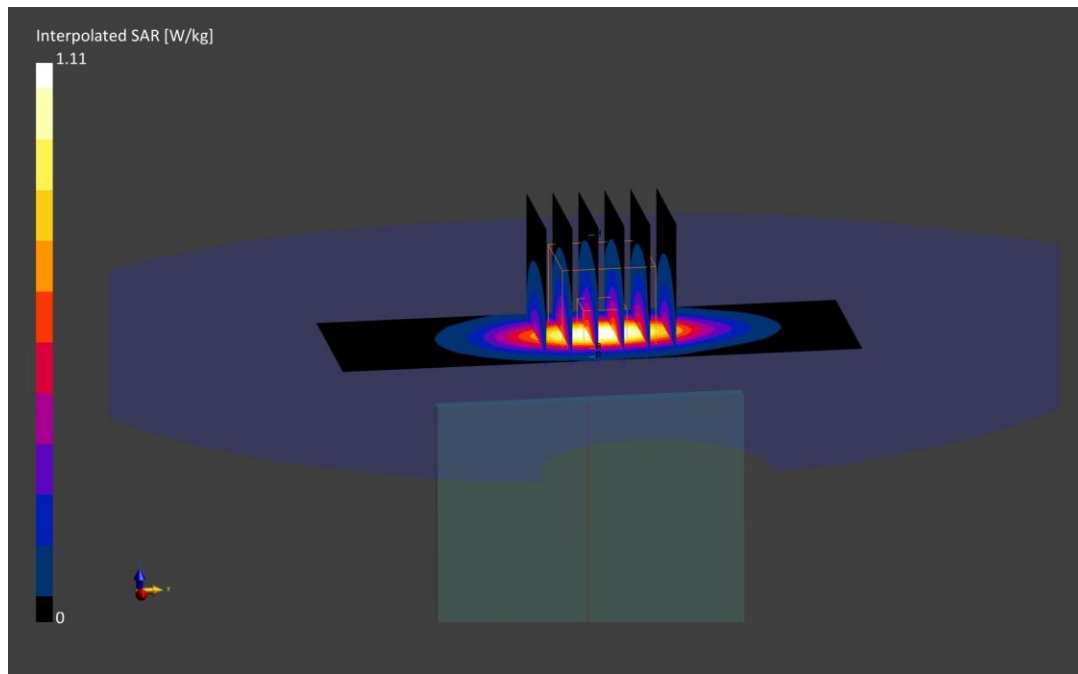
Reference Value = 0.63 W/kg; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 1.11 W/kg

SAR(1 g) = 0.630 W/kg

Smallest distance from peaks to all points 3 dB below is 10.3 mm

Ratio of SAR at M2 to SAR at M1 = 83.5 %



PCTEST

DUT: A3LSMS901E; Type: Portable Handset; Serial: 2226V

Communication System: UID:10435 - AAF, LTE-TDD; MAIA: Y; Frequency: 2506.0 MHz

Medium: 2450 Body; Medium parameters used:

f = 2506.0 MHz; cond = 2.06 S/m; perm = 52.6; density = 1000 kg/m³

Phantom Section: Flat; Space: 10.00 mm

Test Date: 02/23/2022; Ambient Temp: 21.7°C; Tissue Temp: 23.0°C

Probe: EX3DV4 - SN7409; ConvF:(7.38,7.38,7.38); Calibrated: 2021-06-21

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

Electronics: DAE4 Sn1334; Calibrated: 2021-06-15

Phantom: Twin-SAM V5.0; Serial: 1759

Measurement SW: DASY Module SAR V16.0.0.116

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

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

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

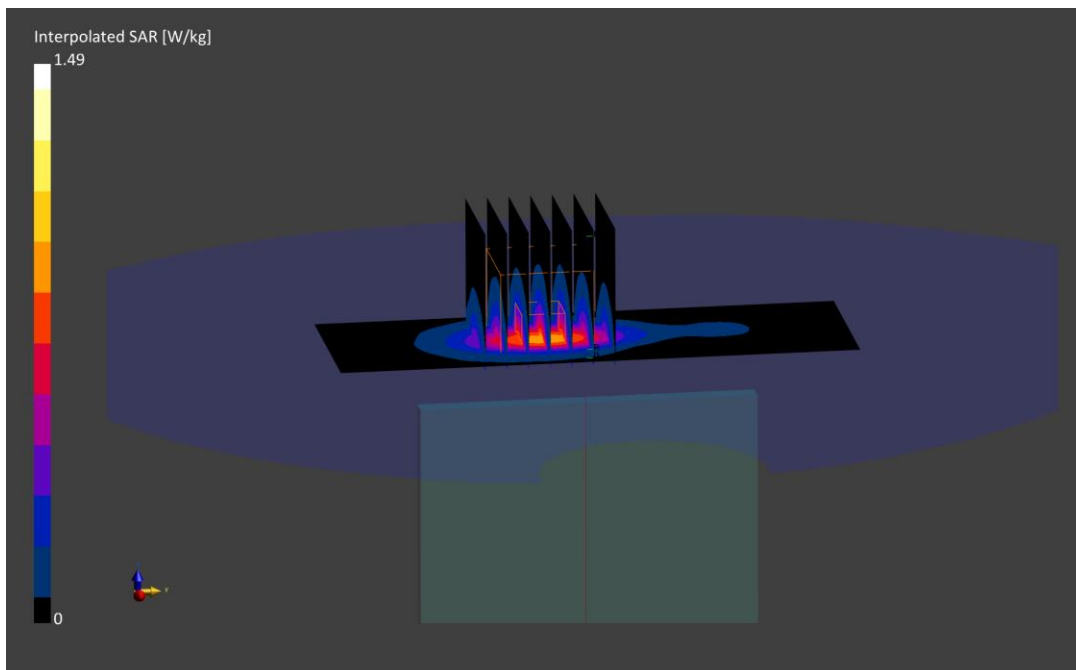
Reference Value = 0.71 W/kg; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 1.49 W/kg

SAR(1 g) = 0.741 W/kg

Smallest distance from peaks to all points 3 dB below is 9.0 mm

Ratio of SAR at M2 to SAR at M1 = 81.1 %



PCTEST

DUT: A3LSMS901E; Type: Portable Handset; Serial: 1789M

Communication System: UID:10931 - AAB, 5G NR FR1 FDD; MAIA: Y; Frequency: 1882.5 MHz

Medium: 1900 Body; Medium parameters used:

f = 1882.5 MHz; cond = 1.52 S/m; perm = 51.4; density = 1000 kg/m³

Phantom Section: Flat; Space: 10.00 mm

Test Date: 02/18/2022; Ambient Temp: 22.9°C; Tissue Temp: 22.4°C

Probe: EX3DV4 - SN7410; ConvF:(7.7,7.7,7.7); Calibrated: 2021-07-20

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

Electronics: DAE4 Sn1583; Calibrated: 2021-07-13

Phantom: Twin-SAM V5.0; Serial: 1792

Measurement SW: DASY Module SAR V16.0.0.116

**Mode: NR Band n25, Body SAR, Bottom Edge, Ch. 376500,
20 MHz Bandwidth, DFT-s-OFDM QPSK, 1 RB, 53 RB Offset**

Area Scan (40.0 x 120.0): Measurement grid: dx=4.0 mm, dy=15.0 mm

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

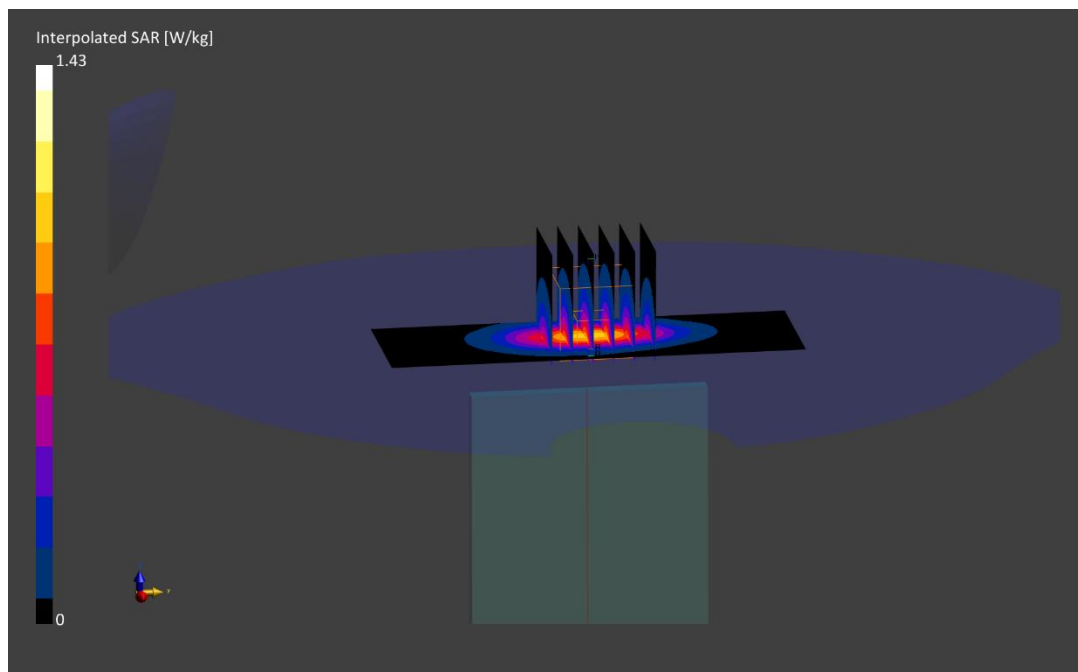
Reference Value = 0.82 W/kg; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 1.46 W/kg

SAR(1 g) = 0.818 W/kg

Smallest distance from peaks to all points 3 dB below is 9.6 mm

Ratio of SAR at M2 to SAR at M1 = 83.7 %



PCTEST

DUT: A3LSMS901E; Type: Portable Handset; Serial: 2346V

Communication System: UID:0 - -, CW; MAIA: Y; Frequency: 2593.0 MHz

Medium: 2450 Body; Medium parameters used:

f = 2593.0 MHz; cond = 2.15 S/m; perm = 51.6; density = 1000 kg/m³

Phantom Section: Flat; Space: 10.00 mm

Test Date: 02/21/2022; Ambient Temp: 20.9°C; Tissue Temp: 23.0°C

Probe: EX3DV4 - SN7409; ConvF:(7.24,7.24,7.24); Calibrated: 2021-06-21

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

Electronics: DAE4 Sn1334; Calibrated: 2021-06-15

Phantom: Twin-SAM V5.0; Serial: 1759

Measurement SW: DASY Module SAR V16.0.0.116

**Mode: NR Band n41, SRS, Antenna B, Body SAR,
Bottom Edge, Ch.518598, 100 MHz Bandwidth**

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

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

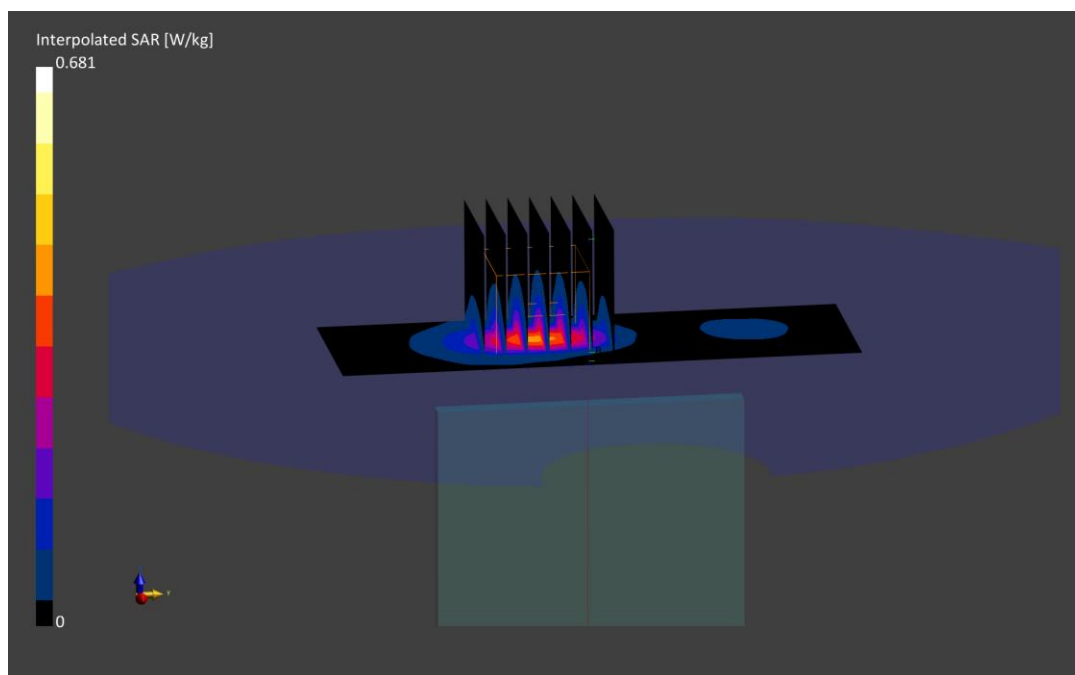
Reference Value = 0.31 W/kg; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 0.681 W/kg

SAR(1 g) = 0.323 W/kg

Smallest distance from peaks to all points 3 dB below is 9.0 mm

Ratio of SAR at M2 to SAR at M1 = 79.9 %



PCTEST

DUT: A3LSMS901E; Type: Portable Handset; Serial: 0846V

Communication System: UID:10866 - AAD, 5G NR FR1 TDD; MAIA: Y; Frequency: 3500.0 MHz

Medium: 3600 Body; Medium parameters used:

f = 3500.0 MHz; cond = 3.17 S/m; perm = 49.4; density = 1000 kg/m³

Phantom Section: Flat; Space: 10.00 mm

Test Date: 02/20/2022; Ambient Temp: 21.8°C; Tissue Temp: 21.6°C

Probe: EX3DV4 - SN7661; ConvF:(6.7,6.7,6.7); Calibrated: 2021-06-28

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

Electronics: DAE4 Sn1450; Calibrated: 2021-08-16

Phantom: Twin-SAM V5.0; Serial: 1692rightback

Measurement SW: DASY Module SAR V16.0.0.116

**Mode: NR Band n77 (DoD) Antenna G, Body SAR, Left Edge, Ch. 633334,
100 MHz Bandwidth, DFT-s-OFDM QPSK, 1 RB, 271 RB Offset**

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

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

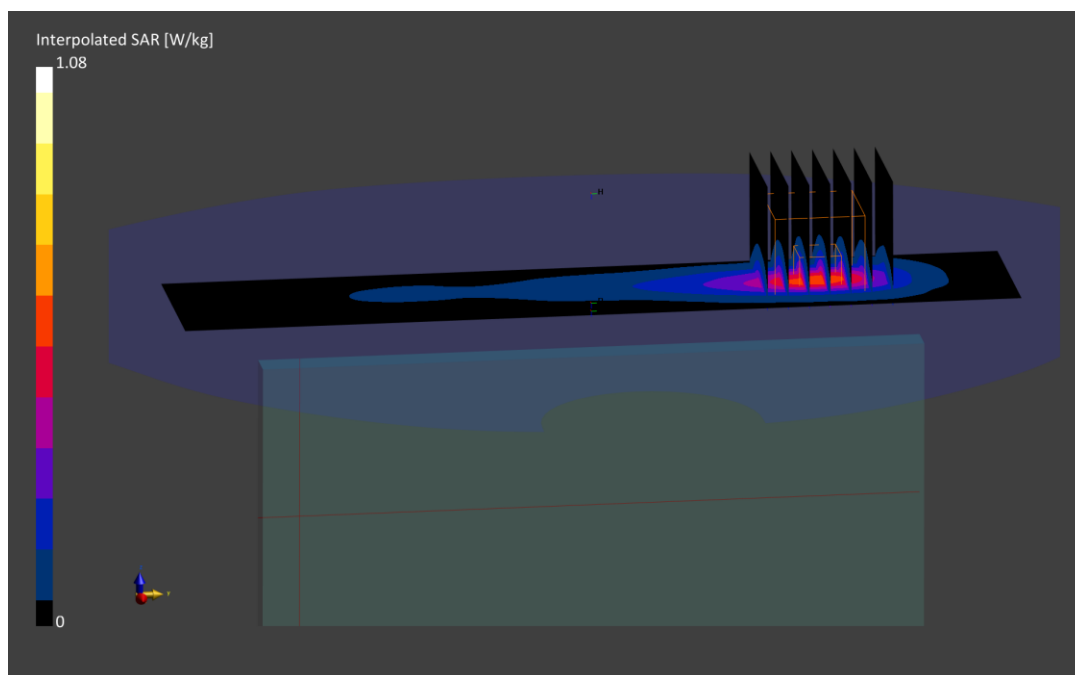
Reference Value = 0.30 W/kg; Power Drift = 0.09 dB

Peak SAR (extrapolated) = 1.08 W/kg

SAR(1 g) = 0.448 W/kg

Smallest distance from peaks to all points 3 dB below is 9.0 mm

Ratio of SAR at M2 to SAR at M1 = 77.0 %



PCTEST

DUT: A3LSMS901E; Type: Portable Handset; Serial: 0846V

Communication System: UID:10803 - AAD, 5G NR FR1 TDD; MAIA: Y; Frequency: 3930.0 MHz
Medium: 3600 Body; Medium parameters used:
f = 3930.0 MHz; cond = 3.75 S/m; perm = 49.4; density = 1000 kg/m³
Phantom Section: Flat; Space: 10.00 mm

Test Date: 02/16/2022; Ambient Temp: 21.0°C; Tissue Temp: 21.0°C

Probe: EX3DV4 - SN7661; ConvF:(6.51,6.51,6.51); Calibrated: 2021-06-28
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1450; Calibrated: 2021-08-16
Phantom: Twin-SAM V5.0; Serial: 1692rightback
Measurement SW: DASY Module SAR V16.0.0.116

**Mode: NR Band n77 Antenna G, Body SAR, Left Edge, Ch. 662000,
100 MHz Bandwidth, CP-OFDM QPSK, 1 RB, 1 RB Offset**

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

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

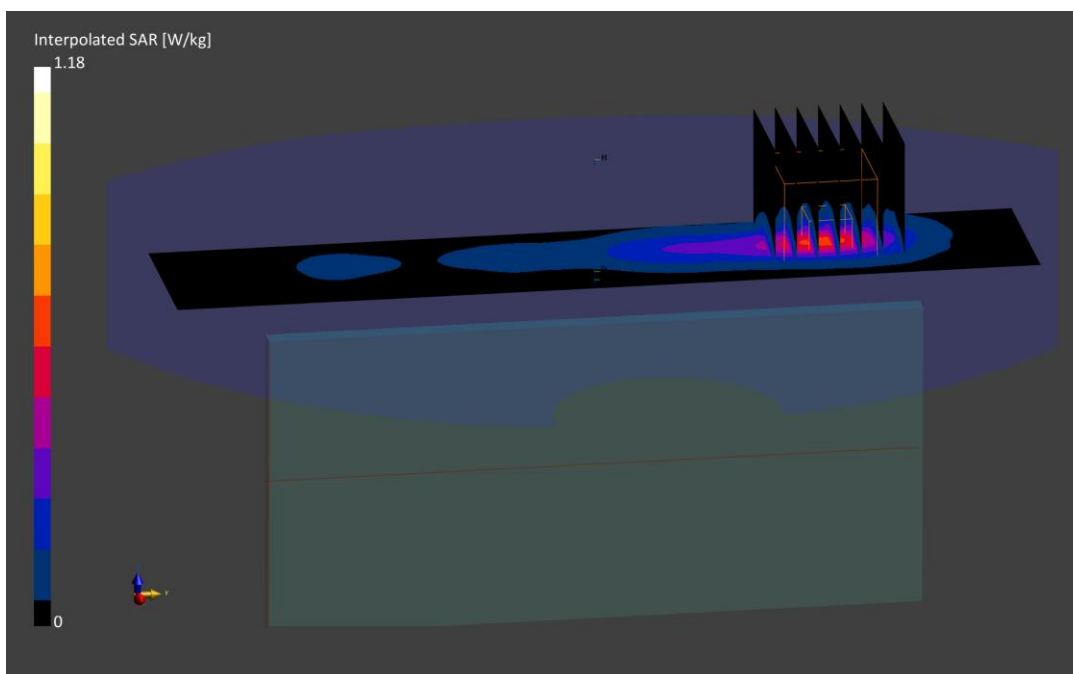
Reference Value = 0.28 W/kg; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 1.18 W/kg

SAR(1 g) = 0.453 W/kg

Smallest distance from peaks to all points 3 dB below is 9.0 mm

Ratio of SAR at M2 to SAR at M1 = 73.9 %



PCTEST

DUT: A3LSMS901E; Type: Portable Handset; Serial: 0851V

Communication System: UID:10028 - DAC, GSM; MAIA: Y; Frequency: 1909.8 MHz

Medium: 1900 Body; Medium parameters used:

f = 1909.8 MHz; cond = 1.55 S/m; perm = 51.8; density = 1000 kg/m³

Phantom Section: Flat; Space: 0.00 mm

Test Date: 03/07/2022; Ambient Temp: 20.8°C; Tissue Temp: 22.9°C

Probe: EX3DV4 - SN7409; ConvF:(7.68,7.68,7.68); Calibrated: 2021-06-21

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

Electronics: DAE4 Sn1334; Calibrated: 2021-06-15

Phantom: Twin-SAM V5.0; Serial: 1759

Measurement SW: DASY Module SAR V16.0.0.116

Mode: GPRS 1900, Phablet SAR, Back side, High. ch, 4 Tx Slots

Area Scan (120.0 x 180.0): Measurement grid: dx=15.0 mm, dy=15.0 mm

Zoom Scan (30.0 x 30.0 x 30.0): Measurement grid: dx=3.8 mm, dy=3.8 mm, dz=1.4 mm; Graded Ratio: 1.4

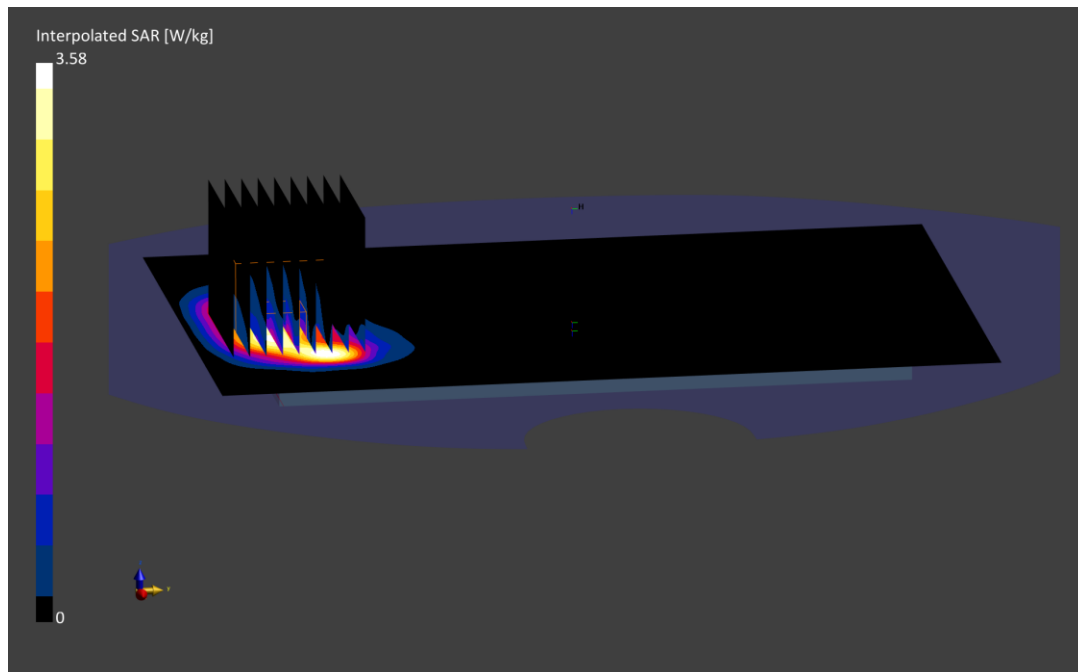
Reference Value = 1.08 W/kg; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 3.58 W/kg

SAR(10 g) = 0.548 W/kg

Smallest distance from peaks to all points 3 dB below is 4.8 mm

Ratio of SAR at M2 to SAR at M1 = 73.9 %



PCTEST

DUT: A3LSMS901E; Type: Portable Handset; Serial: 2226V

Communication System: UID:10494 - AAF, LTE-TDD; MAIA: Y; Frequency: 2549.5 MHz

Medium: 2450 Body; Medium parameters used:

f = 2549.5 MHz; cond = 2.11 S/m; perm = 52.6; density = 1000 kg/m³

Phantom Section: Flat; Space: 0.00 mm

Test Date: 02/23/2022; Ambient Temp: 21.7°C; Tissue Temp: 23.0°C

Probe: EX3DV4 - SN7409; ConvF:(7.24,7.24,7.24); Calibrated: 2021-06-21

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

Electronics: DAE4 Sn1334; Calibrated: 2021-06-15

Phantom: Twin-SAM V5.0; Serial: 1759

Measurement SW: DASY Module SAR V16.0.0.116

**Mode: LTE Band 41, Phablet SAR, Back Side, Low-mid.ch,
20 MHz Bandwidth, QPSK, 50 RB, 25 RB Offset**

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

Zoom Scan (30.0 x 30.0 x 30.0): Measurement grid: dx=3.8 mm, dy=3.8 mm, dz=1.4 mm; Graded Ratio: 1.4

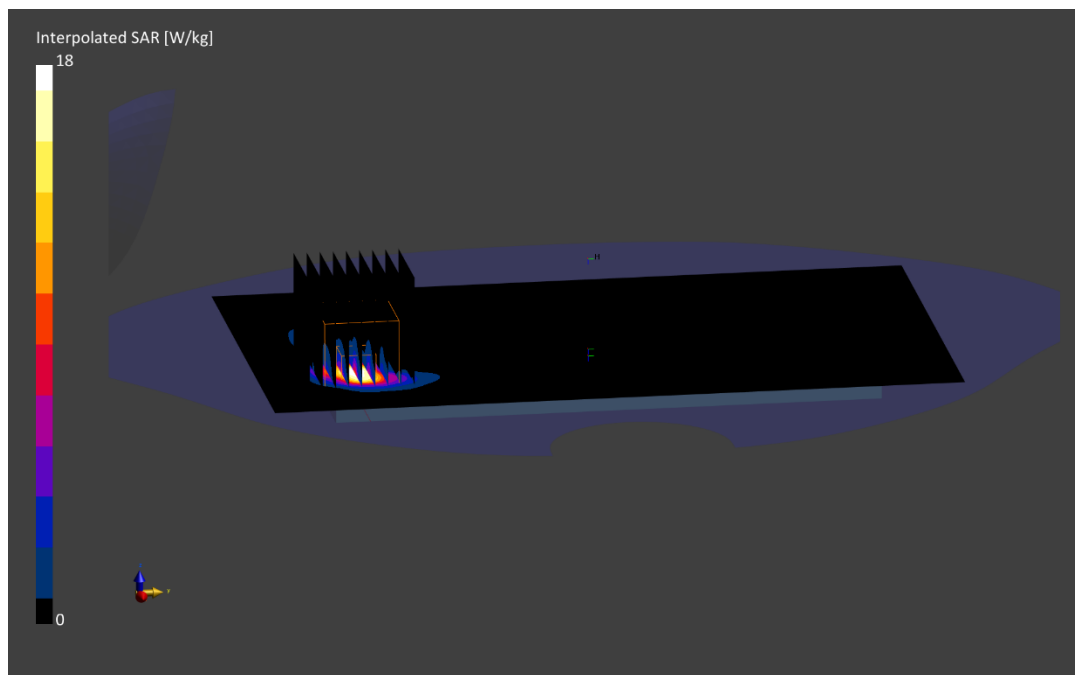
Reference Value = 5.57 W/kg; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 18.0 W/kg

SAR(10 g) = 2.02 W/kg

Smallest distance from peaks to all points 3 dB below is 4.1 mm

Ratio of SAR at M2 to SAR at M1 = 79.7 %



PCTEST

DUT: A3LSMS901E; Type: Portable Handset; Serial: 1789M

Communication System: UID:10770 - AAD, CW; MAIA: Y; Frequency: 1860.0 MHz

Medium: 1900 Body; Medium parameters used:

f = 1860.0 MHz; cond = 1.54 S/m; perm = 51.0; density = 1000 kg/m³

Phantom Section: Flat; Space: 0.00 mm

Test Date: 02/21/2022; Ambient Temp: 24.1 °C; Tissue Temp: 22.1 °C

Probe: EX3DV4 - SN7410; ConvF:(7.7,7.7,7.7); Calibrated: 2021-07-20

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

Electronics: DAE4 Sn1583; Calibrated: 2021-07-13

Phantom: Twin-SAM V5.0; Serial: 1792

Measurement SW: DASY Module SAR V16.0.0.116

**Mode: NR Band n25, Phablet SAR, Back Side, Ch. 372000,
20 MHz Bandwidth, CP-OFDM QPSK, 1 RB, 1 RB Offset**

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

Zoom Scan (30.0 x 30.0 x 30.0): Measurement grid: dx=3.7 mm, dy=3.7 mm, dz=1.4 mm; Graded Ratio: 1.4

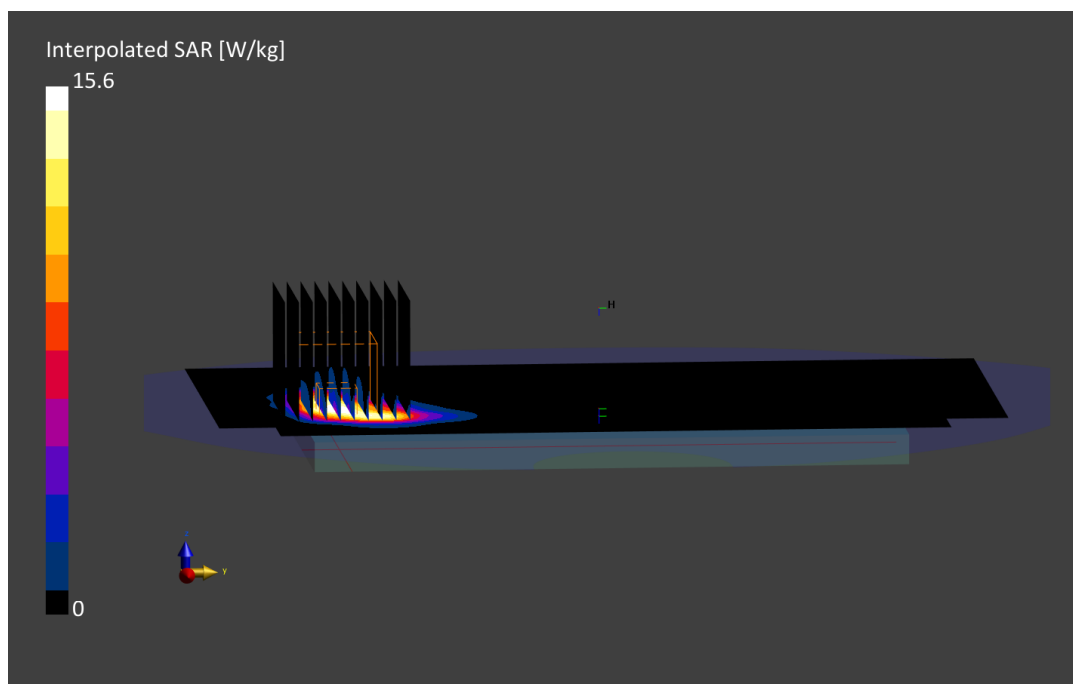
Reference Value = 4.34 W/kg; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 15.5 W/kg

SAR(10 g) = 1.63 W/kg

Smallest distance from peaks to all points 3 dB below is 4.4 mm

Ratio of SAR at M2 to SAR at M1 = 65.3 %



PCTEST

DUT: A3LSMS901E; Type: Portable Handset; Serial: 2346V

Communication System: UID:0 - -, CW; MAIA: Y; Frequency: 2593.0 MHz

Medium: 2450 Body; Medium parameters used:

f = 2593.0 MHz; cond = 2.15 S/m; perm = 51.6; density = 1000 kg/m³

Phantom Section: Flat; Space: 0.00 mm

Test Date: 02/21/2022; Ambient Temp: 20.9°C; Tissue Temp: 23.0°C

Probe: EX3DV4 - SN7409; ConvF:(7.24,7.24,7.24); Calibrated: 2021-06-21

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

Electronics: DAE4 Sn1334; Calibrated: 2021-06-15

Phantom: Twin-SAM V5.0; Serial: 1759

Measurement SW: DASY Module SAR V16.0.0.116

**Mode: NR Band n41, SRS, Antenna B, Phablet SAR,
Bottom Edge, Ch.518598, 100 MHz Bandwidth**

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

Zoom Scan (30.0 x 30.0 x 30.0): Measurement grid: dx=3.6 mm, dy=3.6 mm, dz=1.4 mm; Graded Ratio: 1.4

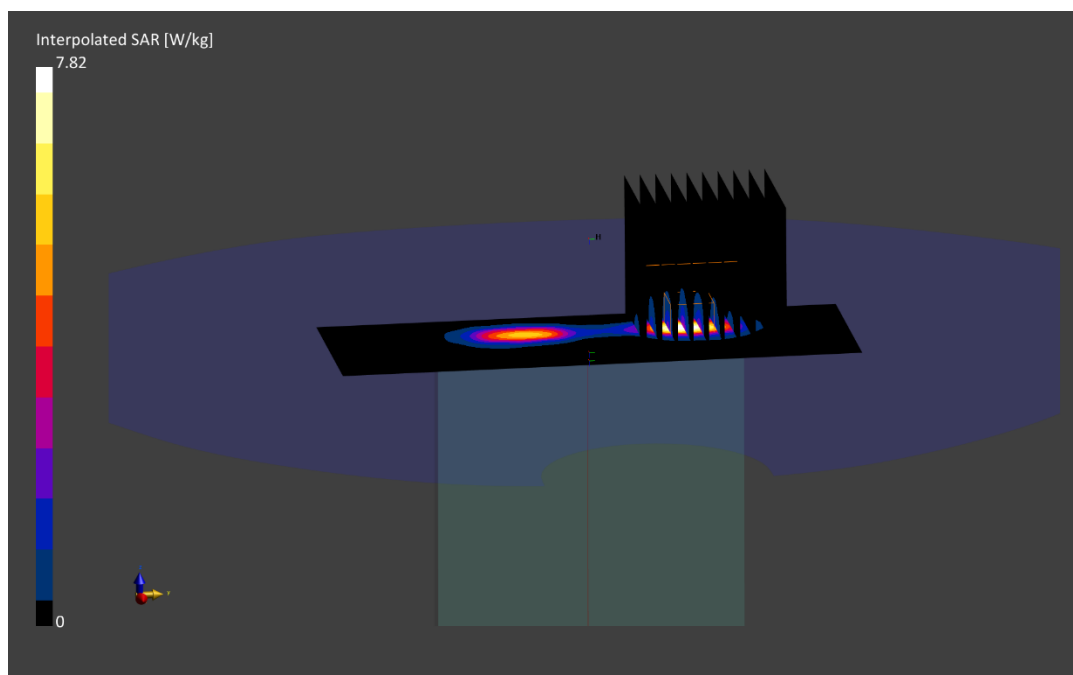
Reference Value = 2.18 W/kg; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 7.82 W/kg

SAR(10 g) = 0.604 W/kg

Smallest distance from peaks to all points 3 dB below is 4.4 mm

Ratio of SAR at M2 to SAR at M1 = 64.2 %



PCTEST

DUT: A3LSMS901E; Type: Portable Handset; Serial: 0846V

Communication System: UID:10866 - AAD, 5G NR FR1 TDD; MAIA: Y; Frequency: 3500.0 MHz

Medium: 3600 Body; Medium parameters used:

f = 3500.0 MHz; cond = 3.17 S/m; perm = 49.4; density = 1000 kg/m³

Phantom Section: Flat; Space: 0.00 mm

Test Date: 02/20/2022; Ambient Temp: 21.8°C; Tissue Temp: 21.6°C

Probe: EX3DV4 - SN7661; ConvF:(6.7,6.7,6.7); Calibrated: 2021-06-28

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

Electronics: DAE4 Sn1450; Calibrated: 2021-08-16

Phantom: Twin-SAM V5.0; Serial: 1692rightback

Measurement SW: DASY Module SAR V16.0.0.116

**Mode: NR Band n77 (DoD) Antenna G, Phablet SAR, Left Edge, Ch. 633334,
100 MHz Bandwidth, DFT-s-OFDM QPSK, 1 RB, 271 RB Offset**

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

Zoom Scan (28.0 x 28.0 x 28.0): Measurement grid: dx=3.1 mm, dy=3.1 mm, dz=1.2 mm; Graded Ratio: 1.2

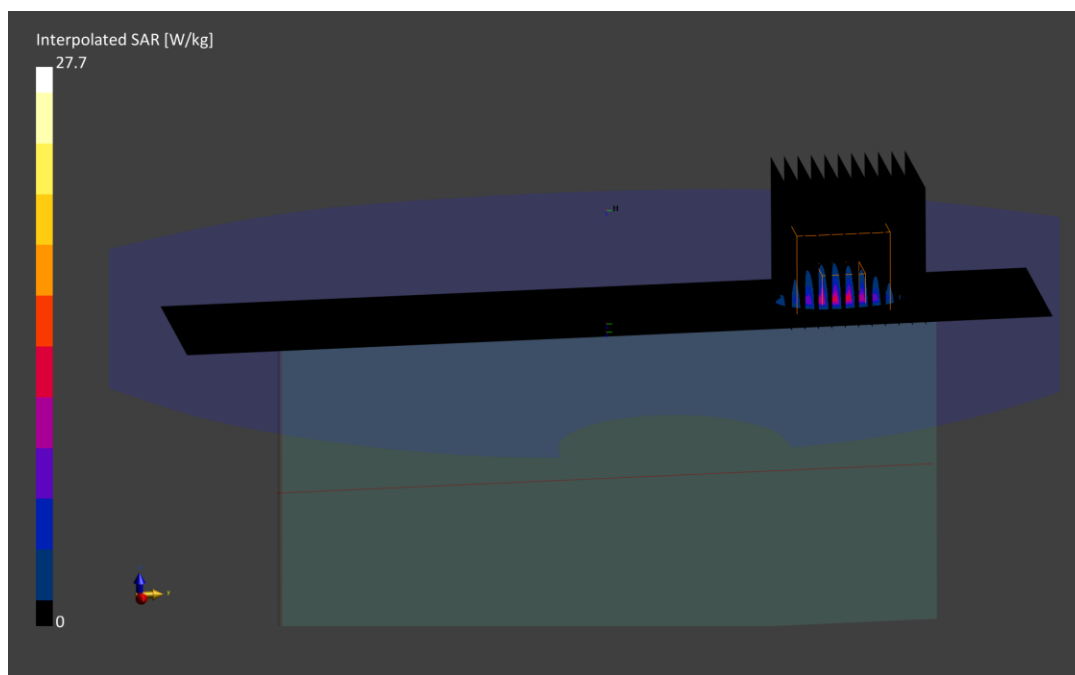
Reference Value = 5.85 W/kg; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 27.7 W/kg

SAR(10 g) = 2.15 W/kg

Smallest distance from peaks to all points 3 dB below is 4.3 mm

Ratio of SAR at M2 to SAR at M1 = 74.2 %



PCTEST

DUT: A3LSMS901E; Type: Portable Handset; Serial: 0846V

Communication System: UID:10803 - AAD, 5G NR FR1 TDD; MAIA: Y; Frequency: 3930.0 MHz
Medium: 3600 Body; Medium parameters used:
f = 3930.0 MHz; cond = 3.75 S/m; perm = 49.4; density = 1000 kg/m³
Phantom Section: Flat; Space: 0.00 mm

Test Date: 02/16/2022; Ambient Temp: 21.0°C; Tissue Temp: 21.0°C

Probe: EX3DV4 - SN7661; ConvF:(6.51,6.51,6.51); Calibrated: 2021-06-28
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1450; Calibrated: 2021-08-16
Phantom: Twin-SAM V5.0; Serial: 1692rightback
Measurement SW: DASY Module SAR V16.0.0.116

**Mode: NR Band n77 Antenna G, Phablet SAR, Left Edge, Ch. 662000,
100 MHz Bandwidth, CP-OFDM QPSK, 1 RB, 1 RB Offset**

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

Zoom Scan (28.0 x 28.0 x 28.0): Measurement grid: dx=3.1 mm, dy=3.1 mm, dz=1.2 mm; Graded Ratio: 1.2

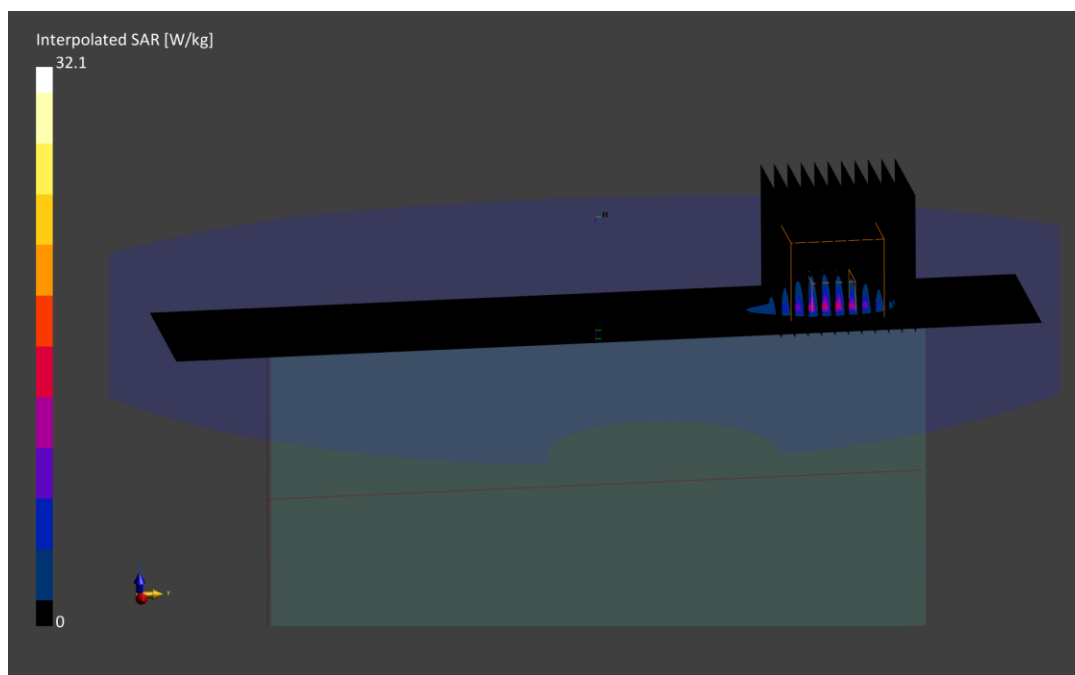
Reference Value = 5.44 W/kg; Power Drift = -0.19 dB

Peak SAR (extrapolated) = 32.1 W/kg

SAR(10 g) = 2.35 W/kg

Smallest distance from peaks to all points 3 dB below is 4.3 mm

Ratio of SAR at M2 to SAR at M1 = 73.2 %



PCTEST

DUT: A3LSMS901E; Type: Portable Handset; Serial: 2346V

Communication System: UID:10626 - AAC, WLAN; MAIA: Y; Frequency: 5290.0 MHz

Medium: 5200-5800 Body; Medium parameters used:

f = 5290.0 MHz; cond = 5.34 S/m; perm = 49.0; density = 1000 kg/m³

Phantom Section: Flat; Space: 0.00 mm

Test Date: 02/24/2022; Ambient Temp: 22.4°C; Tissue Temp: 22.0°C

Probe: EX3DV4 - SN7357; ConvF:(4.6,4.6,4.6); Calibrated: 2021-04-19

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

Electronics: DAE4 Sn1407; Calibrated: 2021-04-07

Phantom: Twin-SAM V5.0; Serial: 1757

Measurement SW: DASY Module SAR V16.0.0.116

**Mode: IEEE 802.11ac, 80 MHz Bandwidth, UNII-2A,
Antenna 1, Ch. 58, Phablet SAR, Left Edge, 29.3 Mbps**

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

Zoom Scan (22.0 x 22.0 x 22.0): Measurement grid: dx=3.4 mm, dy=3.4 mm, dz=1.2 mm; Graded Ratio: 1.2

Reference Value = 1.31 W/kg; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 8.75 W/kg

SAR(10 g) = 0.405 W/kg

Smallest distance from peaks to all points 3 dB below is 4.0 mm

Ratio of SAR at M2 to SAR at M1 = 64.8 %

