

APPENDIX A: SAR TEST DATA

PCTEST

DUT: A3LSMS906E; Type: Portable Handset; Serial: 7631V

Communication System: UID:10931 - AAB, 5G NR FR1 FDD; MAIA: Y; Frequency: 1905.0 MHz

Medium: 1900 Head; Medium parameters used:

$f = 1905.0$ MHz; $\text{cond} = 1.42$ S/m; $\text{perm} = 39.3$; $\text{density} = 1000$ kg/m³

Phantom Section: Left Head; Space: 0.00 mm

Test Date: 02/22/2022; Ambient Temp: 22.7°C; Tissue Temp: 21.6°C

Probe: EX3DV4 - SN7538; ConvF:(8.3,8.3,8.3); Calibrated: 2021-11-16

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

Electronics: DAE4 Sn1323; Calibrated: 2021-11-10

Phantom: Twin-SAM V5.0; Serial: 1648

Measurement SW: DASY Module SAR V16.0.0.116

**Mode: NR Band n25, Left Head, Cheek, Ch. 381000, 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

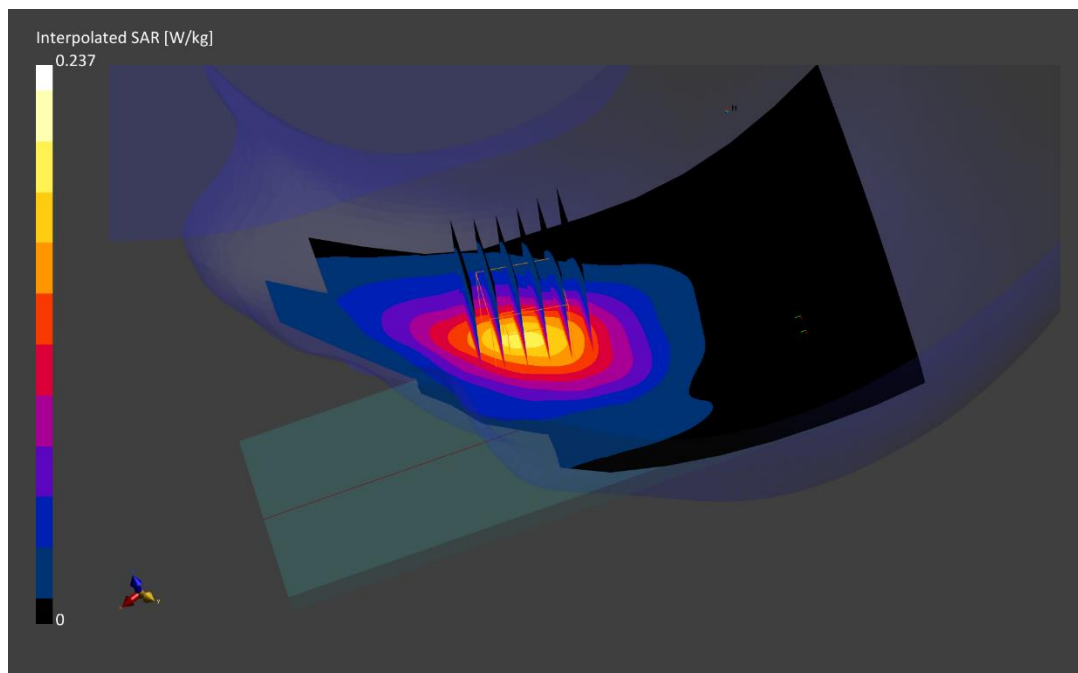
Reference Value = 0.16 W/kg; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 0.237 W/kg

SAR(1 g) = 0.155 W/kg

Smallest distance from peaks to all points 3 dB below is 14.9 mm

Ratio of SAR at M2 to SAR at M1 = 86.8 %



PCTEST

DUT: A3LSMS906E; Type: Portable Handset; Serial: 1498M

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

Medium: 2450 Head; Medium parameters used:

f = 2593.0 MHz; cond = 1.97 S/m; perm = 38.1; density = 1000 kg/m³

Phantom Section: Left Head; Space: 0.00 mm

Test Date: 03/14/2022; Ambient Temp: 20.5°C; Tissue Temp: 19.3°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 V16.0.0.116

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

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

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

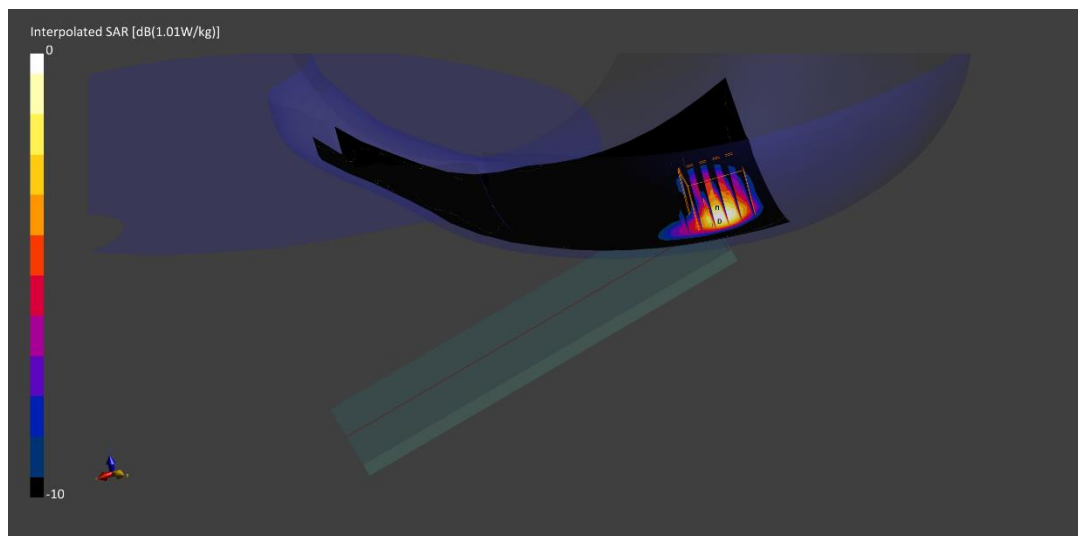
Reference Value = 0.82 W/kg; Power Drift = 0.00 dB

Peak SAR (extrapolated) = 1.98 W/kg

SAR(1 g) = 0.747 W/kg

Smallest distance from peaks to all points 3 dB below is 6.3 mm

Ratio of SAR at M2 to SAR at M1 = 73.0 %



PCTEST

DUT: A3LSMS906E; Type: Portable Handset; Serial: 7506V

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 = 39.3; density = 1000 kg/m³
Phantom Section: Right Head; Space: 0.00 mm

Test Date: 03/25/2022; Ambient Temp: 23.5°C; Tissue Temp: 21.0°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 F, Right Head, Cheek, Ch. 633334,
100 MHz Bandwidth, DFT-s-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

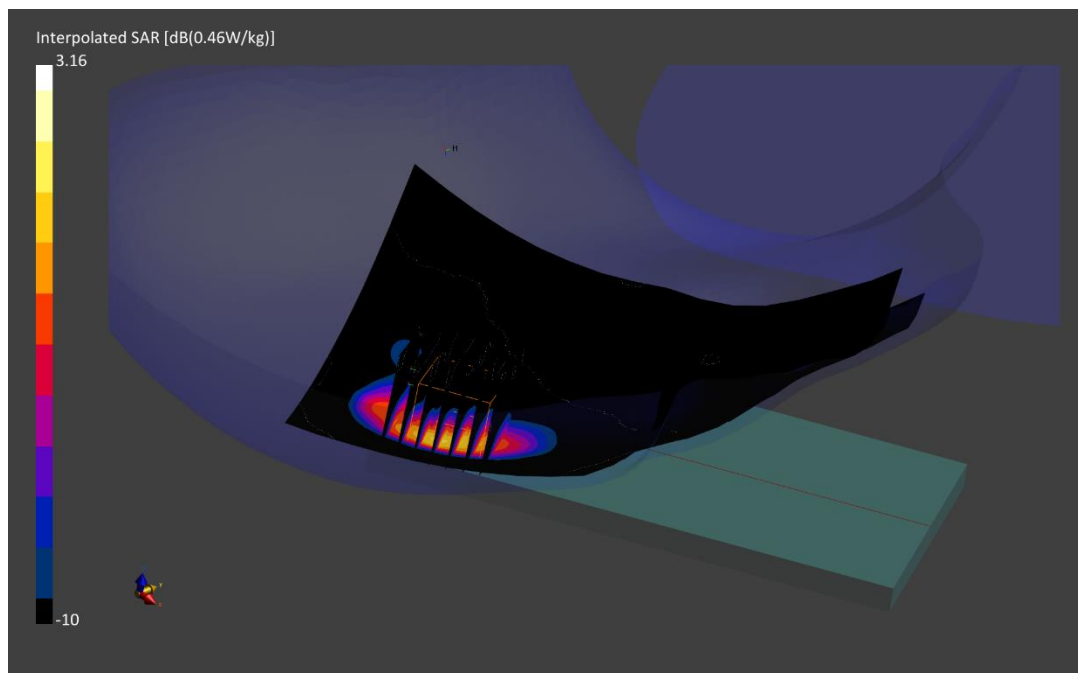
Reference Value = 0.38 W/kg; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 0.952 W/kg

SAR(1 g) = 0.339 W/kg

Smallest distance from peaks to all points 3 dB below is 5.9 mm

Ratio of SAR at M2 to SAR at M1 = 73.0 %



PCTEST

DUT: A3LSMS906E; Type: Portable Handset; Serial: 7506V

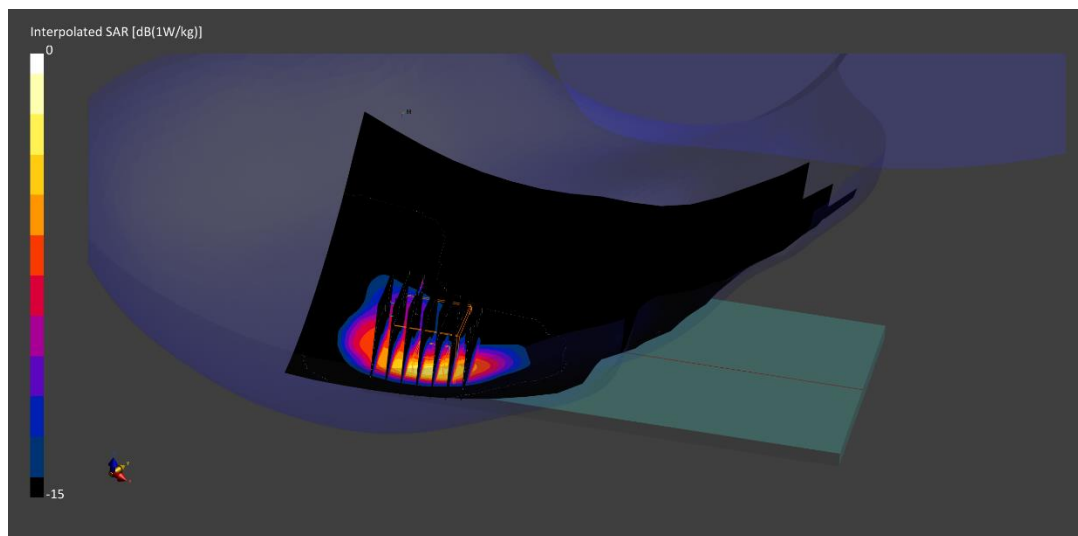
Communication System: UID:10866 - AAD, 5G NR FR1 TDD; MAIA: Y; Frequency: 3750.0 MHz
Medium: 3600 Head; Medium parameters used:
f = 3750.0 MHz; cond = 3.05 S/m; perm = 39.0; density = 1000 kg/m³
Phantom Section: Right Head; Space: 0.00 mm

Test Date: 03/17/2022; Ambient Temp: 23.2°C; Tissue Temp: 20.0°C

Probe: EX3DV4 - SN7670; ConvF:(6.93,6.93,6.93); 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 C-Band, Antenna F, Right Head, Cheek, Ch. 650000,
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 = 0.39 W/kg; Power Drift = -0.03 dB
Peak SAR (extrapolated) = 1.00 W/kg
SAR(1 g) = 0.337 W/kg
Smallest distance from peaks to all points 3 dB below is 6.1 mm
Ratio of SAR at M2 to SAR at M1 = 72.0 %



PCTEST

DUT: A3LSMS906E; Type: Portable Handset; Serial: 7631V

Communication System: UID:10939 - AAB, 5G NR FR1 FDD; MAIA: Y; Frequency: 1905.0 MHz

Medium: 1900 Body; Medium parameters used:

$f = 1905.0$ MHz; $\text{cond} = 1.56$ S/m; $\text{perm} = 53.6$; $\text{density} = 1000$ kg/m³

Phantom Section: Flat; Space: 15.00 mm

Test Date: 02/07/2022; Ambient Temp: 21.6°C; Tissue Temp: 20.6°C

Probe: EX3DV4 - SN7406; ConvF:(7.66,7.66,7.66); 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, Body SAR, Back Side, 20 MHz Bandwidth,
Ch. 381000, DFT-s-OFDM QPSK, 50 RB, 28 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

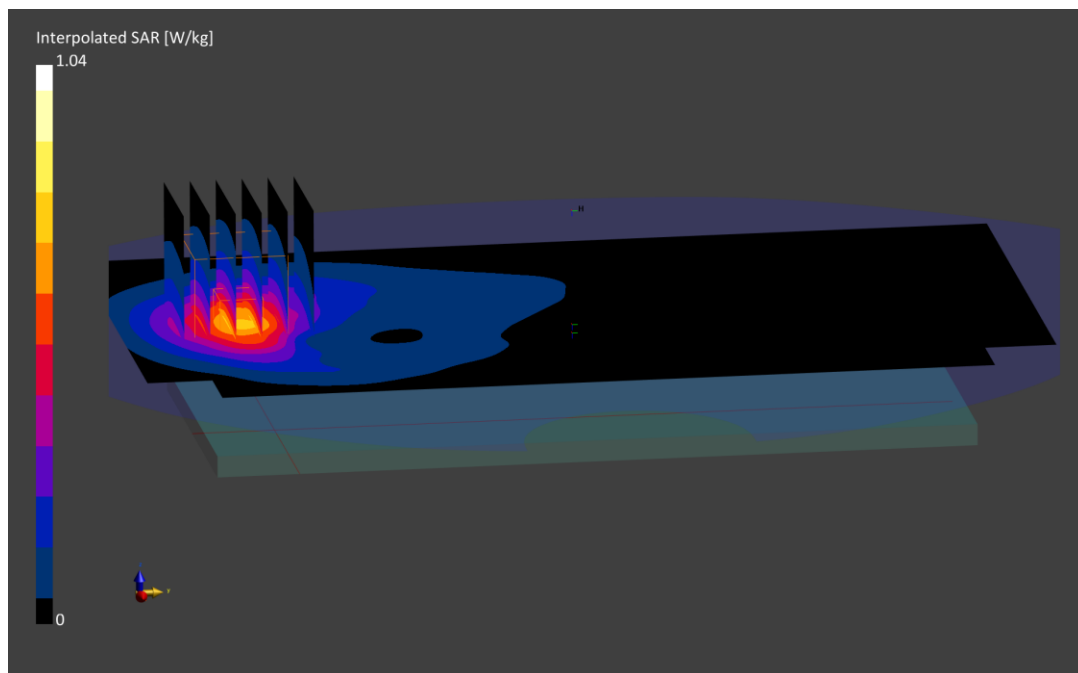
Reference Value = 0.78 W/kg; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 1.04 W/kg

SAR(1 g) = 0.630 W/kg

Smallest distance from peaks to all points 3 dB below is 14.4 mm

Ratio of SAR at M2 to SAR at M1 = 85.4 %



PCTEST

DUT: A3LSMS906E; Type: Portable Handset; Serial: 7446V

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; $\text{cond} = 2.15$ S/m; $\text{perm} = 51.7$; $\text{density} = 1000$ kg/m³

Phantom Section: Flat; Space: 15.00 mm

Test Date: 02/27/2022; Ambient Temp: 21.5°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: DASYS Module SAR V16.0.0.116

**Mode: NR Band n41, Antenna I, Body SAR, Back Side, Ch. 518598,
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 (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

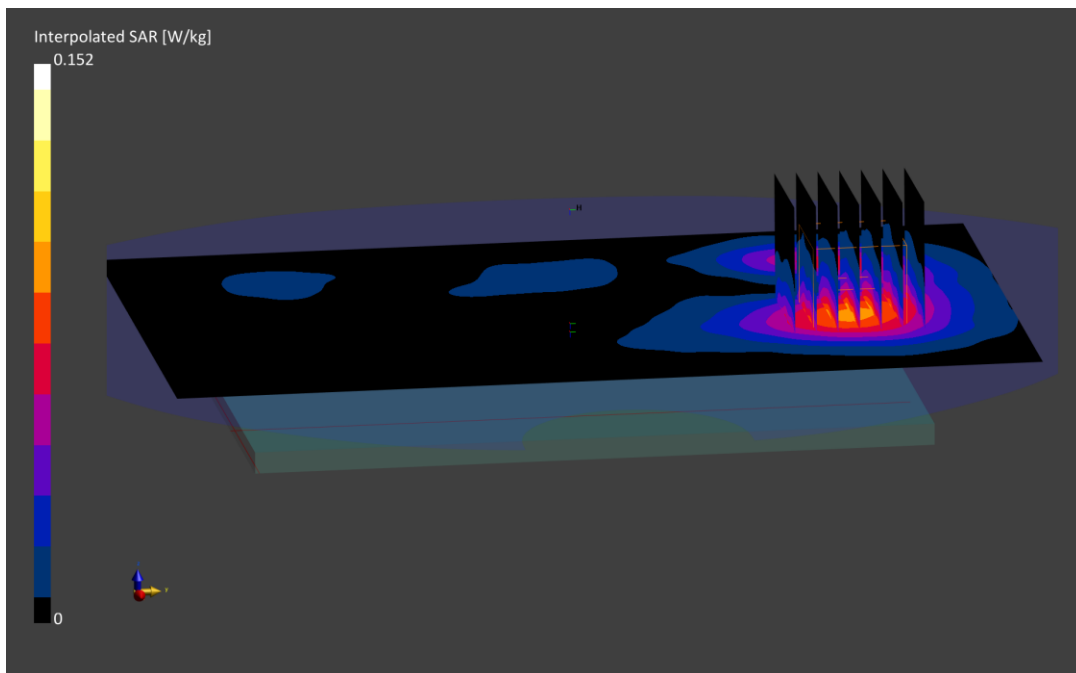
Reference Value = 0.08 W/kg; Power Drift = 0.16 dB

Peak SAR (extrapolated) = 0.152 W/kg

SAR(1 g) = 0.084 W/kg

Smallest distance from peaks to all points 3 dB below is 16.6 mm

Ratio of SAR at M2 to SAR at M1 = 81.7 %



PCTEST

DUT: A3LSMS906E; Type: Portable Handset; Serial: 7841V

Communication System: UID:0 - -, CW; MAIA: Y; Frequency: 3500.0 MHz
Medium: 3600 Body; Medium parameters used:
f = 3500.0 MHz; cond = 3.22 S/m; perm = 49.8; density = 1000 kg/m³
Phantom Section: Flat; Space: 15.00 mm

Test Date: 02/13/2022; Ambient Temp: 21.3°C; Tissue Temp: 20.6°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: 1692
Measurement SW: DASY Module SAR V16.0.0.116

Mode: NR Band n77 DoD, Antenna D, Body SAR, Back Side
Ch. 633334, 100 MHz Bandwidth, CW/SRS

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

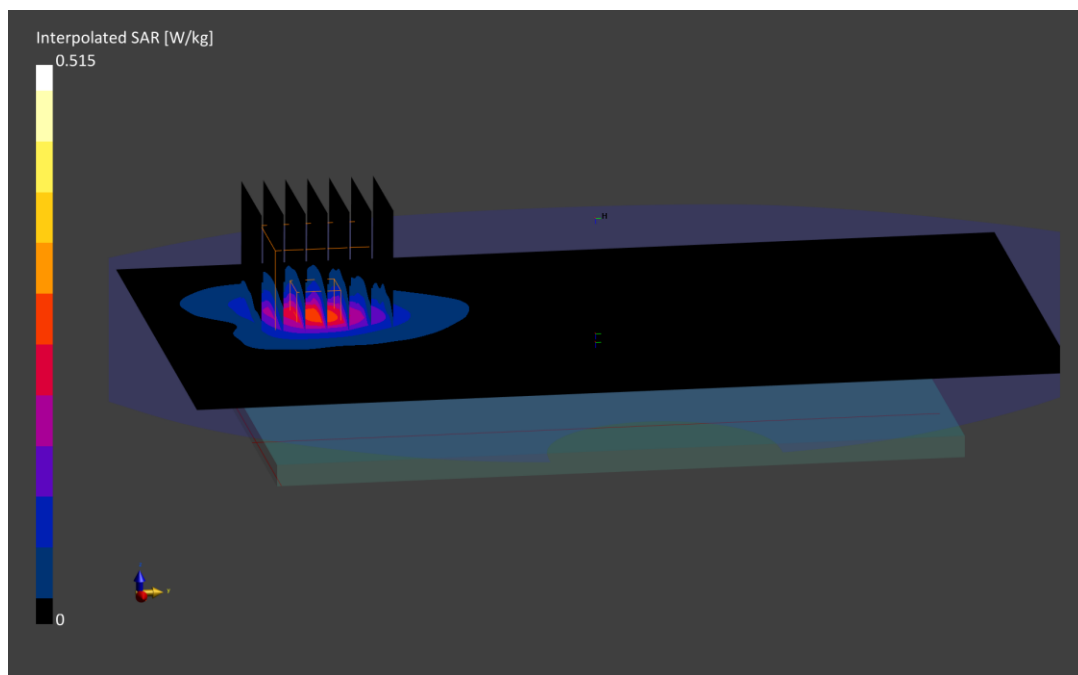
Reference Value = 0.15 W/kg; Power Drift = 0.00 dB

Peak SAR (extrapolated) = 0.515 W/kg

SAR(1 g) = 0.220 W/kg

Smallest distance from peaks to all points 3 dB below is 10.0 mm

Ratio of SAR at M2 to SAR at M1 = 76.6 %



PCTEST

DUT: A3LSMS906E; Type: Portable Handset; Serial: 7446V

Communication System: UID:10866 - AAD, 5G NR FR1 TDD; MAIA: Y; Frequency: 3750.0 MHz

Medium: 3600 Body; Medium parameters used:

$f = 3750.0$ MHz; $\text{cond} = 3.45$ S/m; $\text{perm} = 48.8$; $\text{density} = 1000$ kg/m³

Phantom Section: Flat; Space: 15.00 mm

Test Date: 02/07/2022; Ambient Temp: 21.3°C; Tissue Temp: 21.0°C

Probe: EX3DV4 - SN7661; ConvF:(6.66,6.66,6.66); Calibrated: 2021-06-28

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

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

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

Measurement SW: DASY Module SAR V16.0.0.116

**Mode: NR Band n77 C-Band, Antenna F, Body SAR, Back side, Ch. 650000,
100 MHz Bandwidth, DFT-s-OFDM QPSK, 1 RB, 137 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

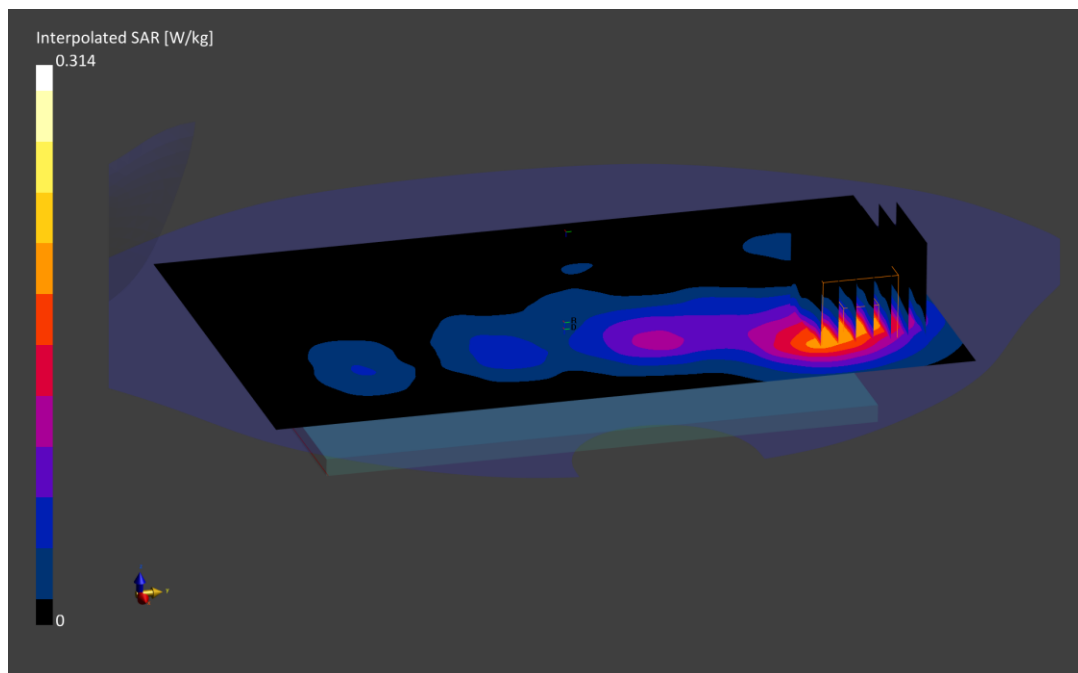
Reference Value = 0.10 W/kg; Power Drift = -0.18 dB

Peak SAR (extrapolated) = 0.361 W/kg

SAR(1 g) = 0.156 W/kg

Smallest distance from peaks to all points 3 dB below is 13.6 mm

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



PCTEST

DUT: A3LSMS906E; Type: Portable Handset; Serial: 7631V

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

Medium: 1900 Body; Medium parameters used:

$f = 1909.8$ MHz; $\text{cond} = 1.58$ S/m; $\text{perm} = 52.7$; $\text{density} = 1000$ kg/m³

Phantom Section: Flat; Space: 10.00 mm

Test Date: 02/17/2022; Ambient Temp: 23.5°C; Tissue Temp: 21.3°C

Probe: EX3DV4 - SN7406; ConvF:(7.66,7.66,7.66); 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: GPRS 1900, Body SAR, Bottom edge, High. ch, 4 Tx Slots

Area Scan (40.0 x 120.0): Measurement grid: $dx=5.0$ 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

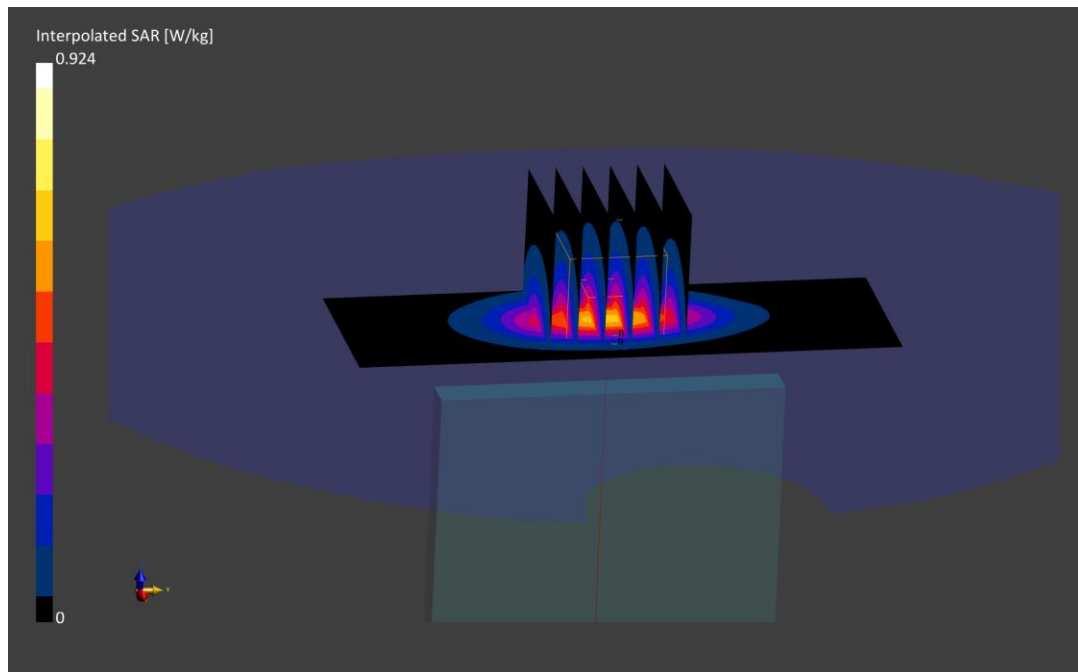
Reference Value = 0.66 W/kg; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 0.924 W/kg

SAR(1 g) = 0.517 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 = 84.0 %



PCTEST

DUT: A3LSMS906E; Type: Portable Handset; Serial: 7631V

Communication System: UID:10011 - CAB, WCDMA; MAIA: Y; Frequency: 1907.6 MHz

Medium: 1900 Body; Medium parameters used:

$f = 1907.6$ MHz; $\text{cond} = 1.58$ S/m; $\text{perm} = 52.7$; $\text{density} = 1000$ kg/m³

Phantom Section: Flat; Space: 10.00 mm

Test Date: 02/17/2022; Ambient Temp: 23.5°C; Tissue Temp: 21.3°C

Probe: EX3DV4 - SN7406; ConvF:(7.66,7.66,7.66); 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: UMTS 1900, Body SAR, Bottom edge, High. ch

Area Scan (40.0 x 120.0): Measurement grid: $dx=5.0$ 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 = 1.03 W/kg; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 1.47 W/kg

SAR(1 g) = 0.832 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 = 84.3 %



PCTEST

DUT: A3LSMS906E; Type: Portable Handset; Serial: 7841V

Communication System: UID:10494 - AAF, LTE-TDD; MAIA: Y; Frequency: 2636.5 MHz

Medium: 2450 Body; Medium parameters used:

f = 2636.5 MHz; cond = 2.19 S/m; perm = 52.2; density = 1000 kg/m³

Phantom Section: Flat; Space: 10.00 mm

Test Date: 03/17/2022; Ambient Temp: 24.0°C; Tissue Temp: 22.9°C

Probe: EX3DV4 - SN7406; ConvF:(7.46,7.46,7.46); 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: LTE Band 41 PC3, Body SAR, Bottom Edge, Mid-high Ch, 20 MHz Bandwidth,
QPSK, 50 RB, 25 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

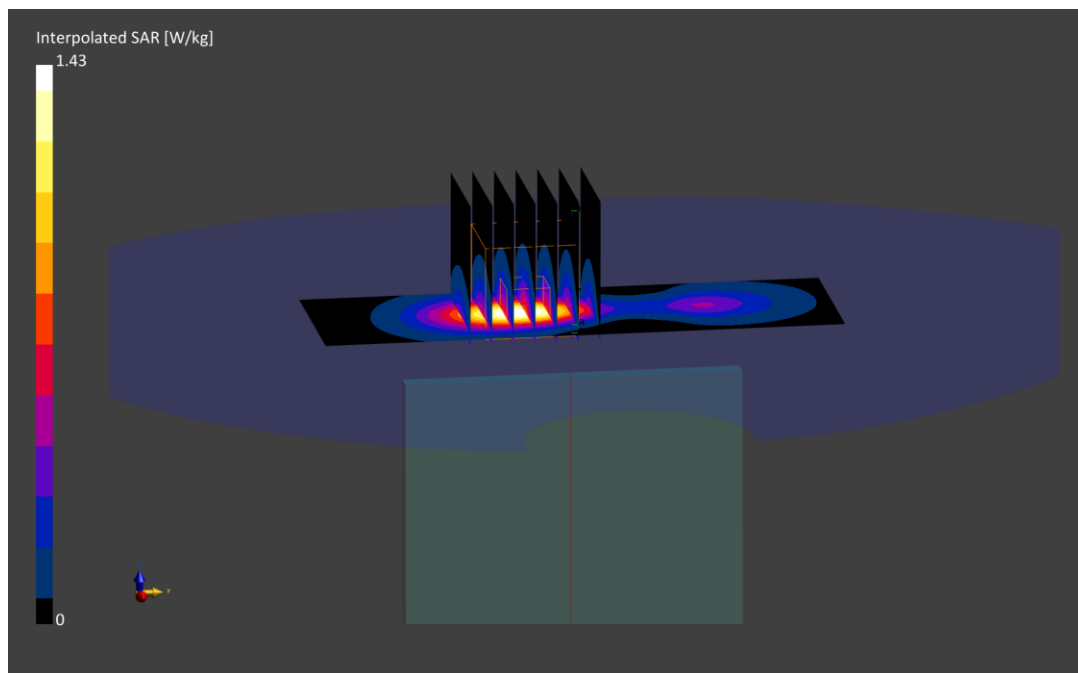
Reference Value = 0.69 W/kg; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 1.43 W/kg

SAR(1 g) = 0.689 W/kg

Smallest distance from peaks to all points 3 dB below is 10.0 mm

Ratio of SAR at M2 to SAR at M1 = 78.4 %



PCTEST

DUT: A3LSMS906E; Type: Portable Handset; Serial: 7631V

Communication System: UID:10947 - AAB, 5G NR FR1 FDD; MAIA: Y; Frequency: 1905.0 MHz

Medium: 1900 Body; Medium parameters used:

f = 1905.0 MHz; cond = 1.58 S/m; perm = 52.8; density = 1000 kg/m³

Phantom Section: Flat; Space: 10.00 mm

Test Date: 02/17/2022; Ambient Temp: 23.5°C; Tissue Temp: 21.3°C

Probe: EX3DV4 - SN7406; ConvF:(7.66,7.66,7.66); 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, Body SAR, Bottom Edge, 20 MHz Bandwidth,
Ch. 381000, DFT-s-OFDM QPSK, 100 RB, 0 RB Offset**

Area Scan (40.0 x 120.0): Measurement grid: dx=5.0 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

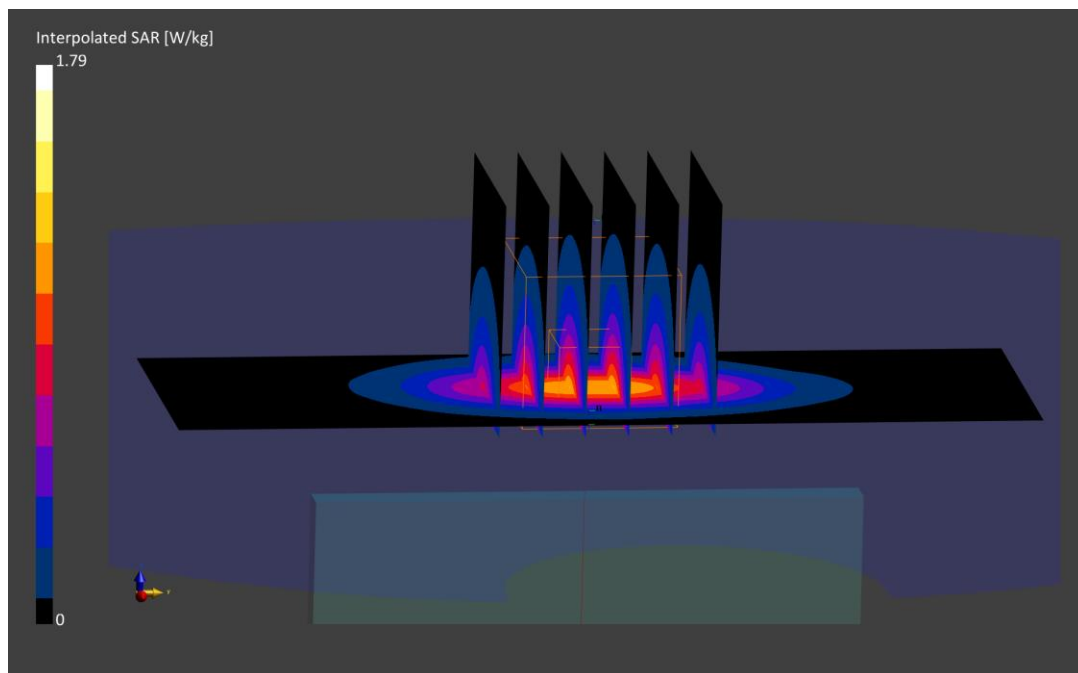
Reference Value = 1.27 W/kg; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 1.79 W/kg

SAR(1 g) = 0.998 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 = 83.8 %



PCTEST

DUT: A3LSMS906E; Type: Portable Handset; Serial: 7446V

Communication System: UID:10917 - AAB, 5G NR FR1 TDD; MAIA: Y; Frequency: 2593.0 MHz

Medium: 2450 Body; Medium parameters used:

$f = 2593.0$ MHz; $\text{cond} = 2.14$ S/m; $\text{perm} = 51.0$; $\text{density} = 1000$ kg/m³

Phantom Section: Flat; Space: 10.00 mm

Test Date: 03/01/2022; Ambient Temp: 21.4°C; Tissue Temp: 25.0°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 I, Body SAR, Top Edge, Ch. 518598,
100 MHz Bandwidth, DFT-s-OFDM QPSK, 135 RB, 69 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

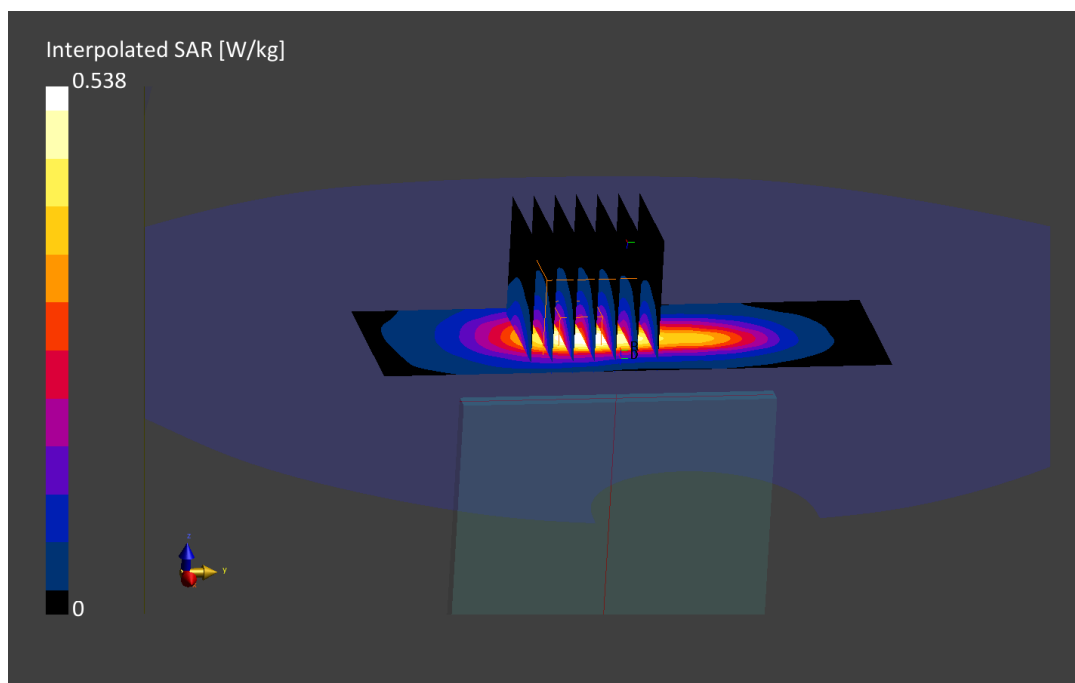
Reference Value = 0.25 W/kg; Power Drift = -0.12 dB

Peak SAR (extrapolated) = 0.538 W/kg

SAR(1 g) = 0.266 W/kg

Smallest distance from peaks to all points 3 dB below is 10.0 mm

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



PCTEST

DUT: A3LSMS906E; Type: Portable Handset; Serial: 7841V

Communication System: UID:0 - -, CW; MAIA: Y; Frequency: 3500.0 MHz
Medium: 3600 Body; Medium parameters used:
f = 3500.0 MHz; cond = 3.22 S/m; perm = 49.8; density = 1000 kg/m³
Phantom Section: Flat; Space: 10.00 mm

Test Date: 02/13/2022; Ambient Temp: 21.3°C; Tissue Temp: 20.6°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: 1692
Measurement SW: DASY Module SAR V16.0.0.116

Mode: NR Band n77 DoD, Antenna D, Body SAR, Back Side
Ch. 633334, 100 MHz Bandwidth, CW/SRS

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

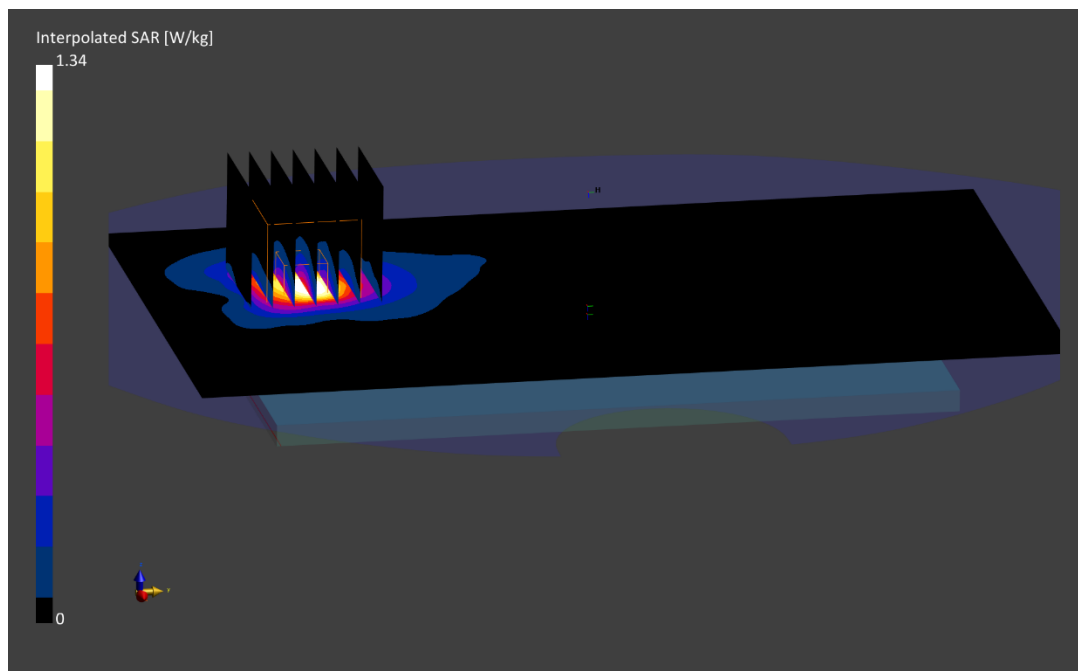
Reference Value = 0.38 W/kg; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 1.34 W/kg

SAR(1 g) = 0.539 W/kg

Smallest distance from peaks to all points 3 dB below is 7.3 mm

Ratio of SAR at M2 to SAR at M1 = 76.6 %



PCTEST

DUT: A3LSMS906E; Type: Portable Handset; Serial: 7446V

Communication System: UID:10917 - AAB, 5G NR FR1 TDD; MAIA: Y; Frequency: 3930.0 MHz

Medium: 3600 Body; Medium parameters used:

f = 3930.0 MHz; cond = 3.67 S/m; perm = 48.4; density = 1000 kg/m³

Phantom Section: Flat; Space: 10.00 mm

Test Date: 02/07/2022; Ambient Temp: 21.3°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: 1692

Measurement SW: DASY Module SAR V16.0.0.116

**Mode: NR Band n77 C-Band, Antenna F, Body SAR, Left Edge, Ch. 662000,
100 MHz Bandwidth, DFT-s-OFDM QPSK, 135 RB, 138 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

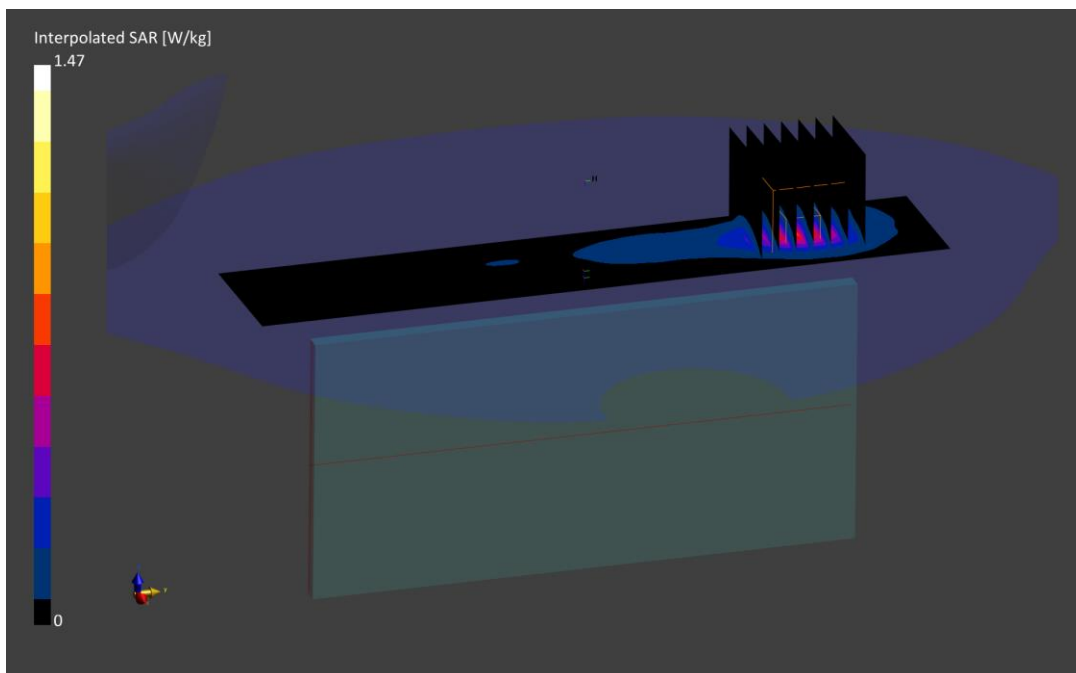
Reference Value = 0.35 W/kg; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 1.47 W/kg

SAR(1 g) = 0.551 W/kg

Smallest distance from peaks to all points 3 dB below is 9.8 mm

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



PCTEST

DUT: A3LSMS906E; Type: Portable Handset; Serial: 7631V

Communication System: UID:10028 - DAC, GSM; MAIA: Y; Frequency: 1850.2 MHz

Medium: 1900 Body; Medium parameters used:

f = 1850.2 MHz; cond = 1.52 S/m; perm = 52.9; density = 1000 kg/m³

Phantom Section: Flat; Space: 0.00 mm

Test Date: 02/17/2022; Ambient Temp: 23.5°C; Tissue Temp: 21.3°C

Probe: EX3DV4 - SN7406; ConvF:(7.66,7.66,7.66); 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: GPRS 1900, Phablet SAR, Front side, Low. ch, 4 Tx Slots

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=4.6 mm, dy=4.6 mm, dz=1.4 mm; Graded Ratio: 1.4

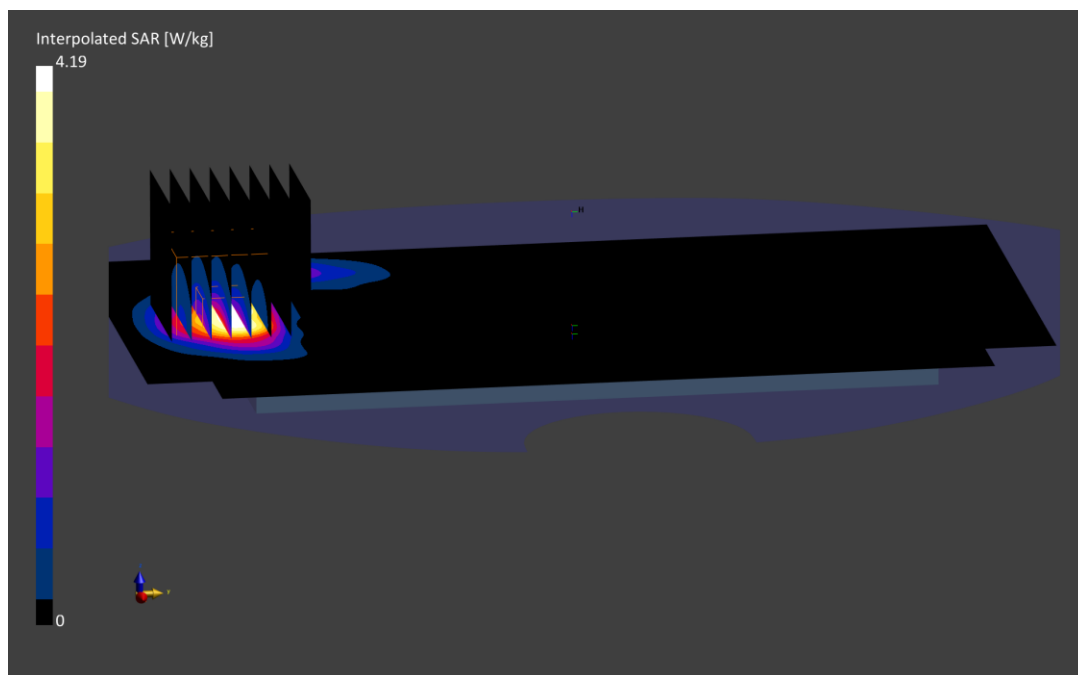
Reference Value = 1.95 W/kg; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 4.19 W/kg

SAR(10 g) = 0.727 W/kg

Smallest distance from peaks to all points 3 dB below is 5.5 mm

Ratio of SAR at M2 to SAR at M1 = 76.1 %



PCTEST

DUT: A3LSMS906E; Type: Portable Handset; Serial: 7506V

Communication System: UID:10435 - AAF, LTE-TDD; MAIA: Y; Frequency: 2636.5 MHz

Medium: 2450 Body; Medium parameters used:

f = 2636.5 MHz; cond = 2.20 S/m; perm = 51.8; density = 1000 kg/m³

Phantom Section: Flat; Space: 0.00 mm

Test Date: 03/21/2022; Ambient Temp: 22.5°C; Tissue Temp: 21.5°C

Probe: EX3DV4 - SN7406; ConvF:(7.46,7.46,7.46); 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: LTE Band 41 PC3, Phablet SAR, Back Side, Mid-high.ch, 20 MHz Bandwidth,
QPSK, 1 RB, 50 RB Offset**

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

Zoom Scan (30.0 x 30.0 x 30.0): Measurement grid: dx=4.5 mm, dy=4.5 mm, dz=1.5 mm; Graded Ratio: 1.5

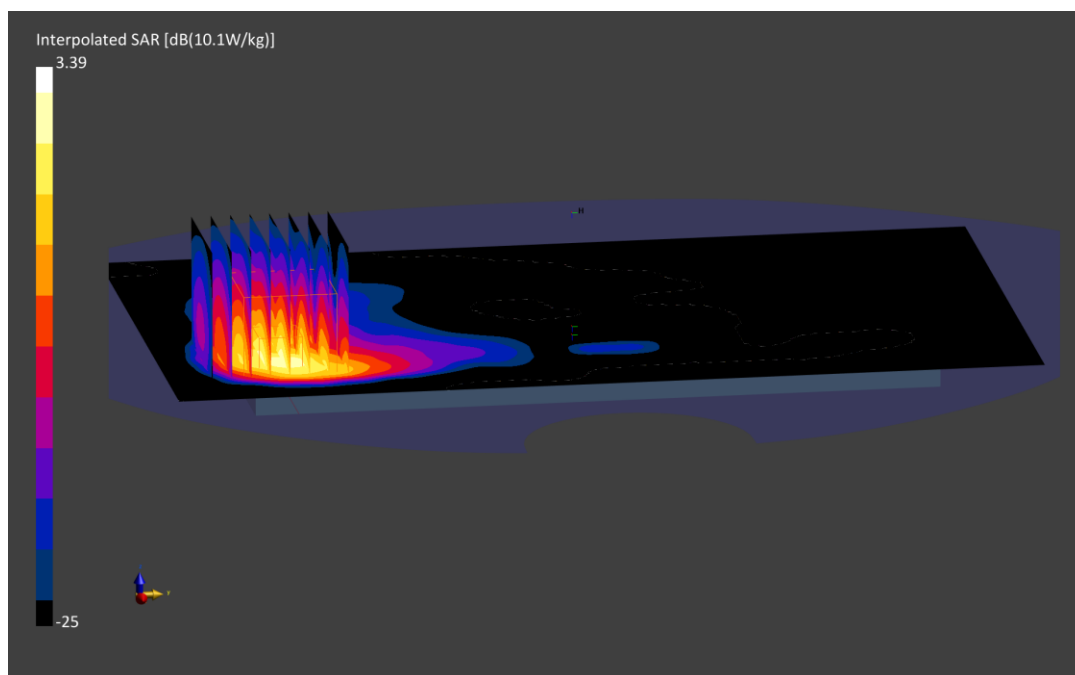
Reference Value = 8.36 W/kg; Power Drift = 0.00 dB

Peak SAR (extrapolated) = 22.0 W/kg

SAR(10 g) = 2.71 W/kg

Smallest distance from peaks to all points 3 dB below is 5.2 mm

Ratio of SAR at M2 to SAR at M1 = 66.4 %



PCTEST

DUT: A3LSMS906E; Type: Portable Handset; Serial: 7631V

Communication System: UID:10770 - AAD, CW; MAIA: Y; Frequency: 1905.0 MHz
Medium: 1900 Body; Medium parameters used:
f = 1905.0 MHz; cond = 1.56 S/m; perm = 53.6; density = 1000 kg/m³
Phantom Section: Flat; Space: 0.00 mm

Test Date: 02/07/2022; Ambient Temp: 21.6°C; Tissue Temp: 20.6°C

Probe: EX3DV4 - SN7406; ConvF:(7.66,7.66,7.66); 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, Phablet SAR, Bottom Edge, 20 MHz Bandwidth, Ch. 381000,
CP-OFDM QPSK, 1 RB, 1 RB Offset**

Area Scan (40.0 x 120.0): Measurement grid: dx=5.0 mm, dy=15.0 mm

Zoom Scan (30.0 x 30.0 x 30.0): Measurement grid: dx=4.8 mm, dy=4.8 mm, dz=1.4 mm; Graded Ratio: 1.4

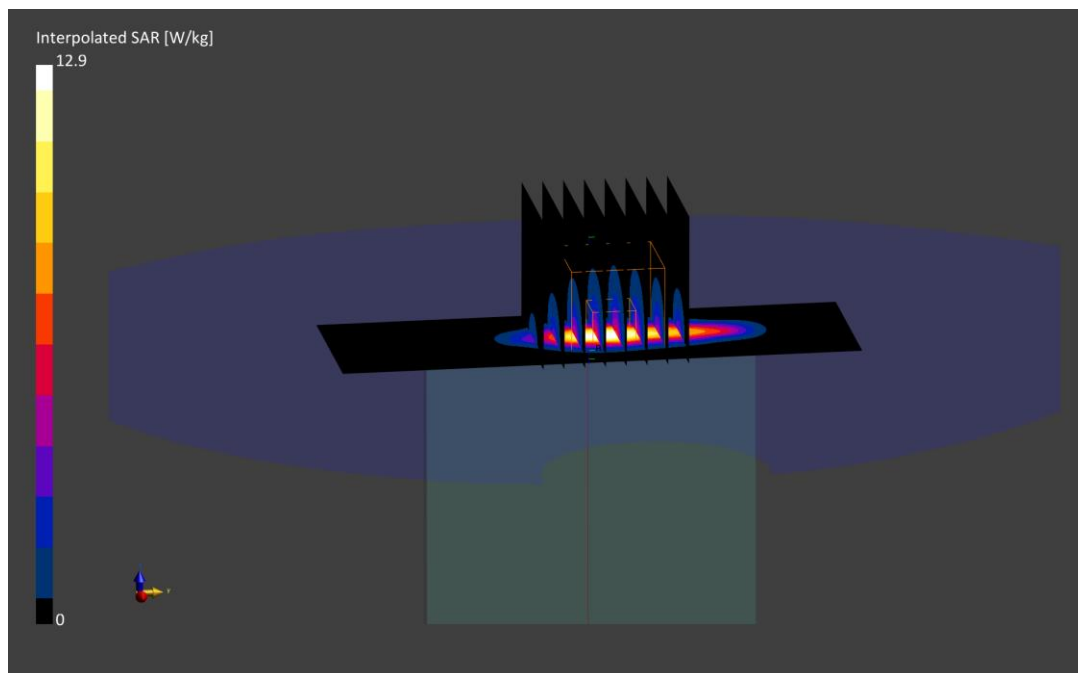
Reference Value = 7.49 W/kg; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 12.9 W/kg

SAR(10 g) = 2.29 W/kg

Smallest distance from peaks to all points 3 dB below is 5.8 mm

Ratio of SAR at M2 to SAR at M1 = 76.8 %



PCTEST

DUT: A3LSMS906E; Type: Portable Handset; Serial: 7446V

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

Medium: 2450 Body; Medium parameters used:

$f = 2593.0$ MHz; $\text{cond} = 2.14$ S/m; $\text{perm} = 51.0$; $\text{density} = 1000$ kg/m³

Phantom Section: Flat; Space: 0.00 mm

Test Date: 03/01/2022; Ambient Temp: 21.4°C; Tissue Temp: 25.0°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 I, Phablet SAR, Top Edge, Ch. 518598, 100 MHz Bandwidth,
DFT-s-OFDM QPSK, 270 RB, 0 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: $dx=3.6$ mm, $dy=3.6$ mm, $dz=1.4$ mm; Graded Ratio: 1.4

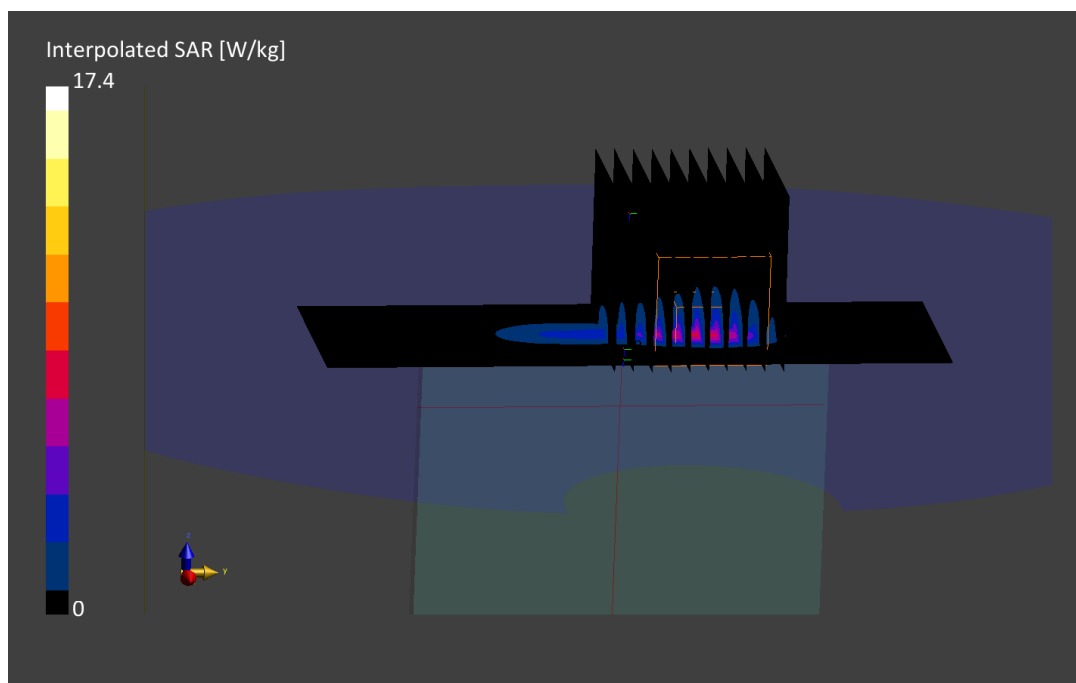
Reference Value = 4.90 W/kg; Power Drift = 0.00 dB

Peak SAR (extrapolated) = 17.4 W/kg

SAR(10 g) = 1.66 W/kg

Smallest distance from peaks to all points 3 dB below is 5.0 mm

Ratio of SAR at M2 to SAR at M1 = 70.8 %



PCTEST

DUT: A3LSMS906E; Type: Portable Handset; Serial: 7446V

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 = 3.21 S/m; perm = 49.9; density = 1000 kg/m³

Phantom Section: Flat; Space: 0.00 mm

Test Date: 02/09/2022; Ambient Temp: 21.6°C; Tissue Temp: 21.0°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: 1692

Measurement SW: DASY Module SAR V16.0.0.116

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

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

Zoom Scan (28.0 x 28.0 x 28.0): Measurement grid: dx=3.6 mm, dy=3.6 mm, dz=1.4 mm; Graded Ratio: 1.4

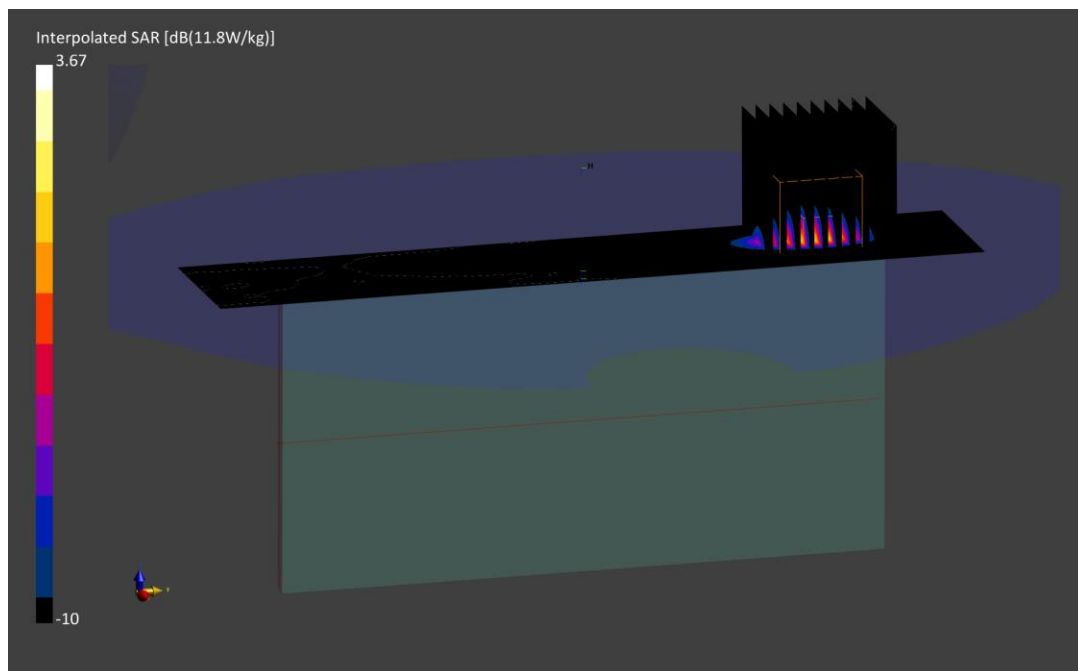
Reference Value = 5.19 W/kg; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 27.6 W/kg

SAR(10 g) = 2.11 W/kg

Smallest distance from peaks to all points 3 dB below is 4.2 mm

Ratio of SAR at M2 to SAR at M1 = 67.6 %



PCTEST

DUT: A3LSMS906E; Type: Portable Handset; Serial: 7446V

Communication System: UID:10866 - AAD, 5G NR FR1 TDD; MAIA: Y; Frequency: 3930.0 MHz

Medium: 3600 Body; Medium parameters used:

$f = 3930.0$ MHz; $\text{cond} = 3.72$ S/m; $\text{perm} = 49.1$; $\text{density} = 1000$ kg/m³

Phantom Section: Flat; Space: 0.00 mm

Test Date: 02/09/2022; Ambient Temp: 21.6°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: 1692

Measurement SW: DASY Module SAR V16.0.0.116

**Mode: NR Band n77 C-Band, Antenna F, Phablet SAR, Left Edge, Ch. 662000,
100 MHz Bandwidth, DFT-s-OFDM QPSK, 1 RB, 137 RB Offset**

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

Zoom Scan (28.0 x 28.0 x 28.0): Measurement grid: $dx=3.6$ mm, $dy=3.6$ mm, $dz=1.4$ mm; Graded Ratio: 1.4

Reference Value = 8.22 W/kg; Power Drift = 0.00 dB

Peak SAR (extrapolated) = 44.2 W/kg

SAR(10 g) = 3.06 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 = 70.3 %

