

APPENDIX A: SAR TEST DATA

PCTEST

DUT: A3LSMS908E; Type: Portable Handset; Serial: 2007R

Communication System: UID 0, _GSM; Frequency: 848.8 MHz; Duty Cycle: 1:8.3
Medium: 835 Head; Medium parameters used (interpolated):
 $f = 848.8$ MHz; $\sigma = 0.932$ S/m; $\epsilon_r = 43.052$; $\rho = 1000$ kg/m³
Phantom section: Left Section

Test Date: 10/28/2021; Ambient Temp: 19.8°C; Tissue Temp: 19.8°C

Probe: EX3DV4 - SN7558; ConvF(9.89, 9.89, 9.89) @ 848.8 MHz; Calibrated: 9/17/2021
Sensor-Surface: 1.4mm (Mechanical Surface Detection)
Electronics: DAE4 Sn1364; Calibrated: 9/13/2021
Phantom: Twin-SAM V5.0 (30); Type: QD 000 P40 CD; Serial: 1626
Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

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

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

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

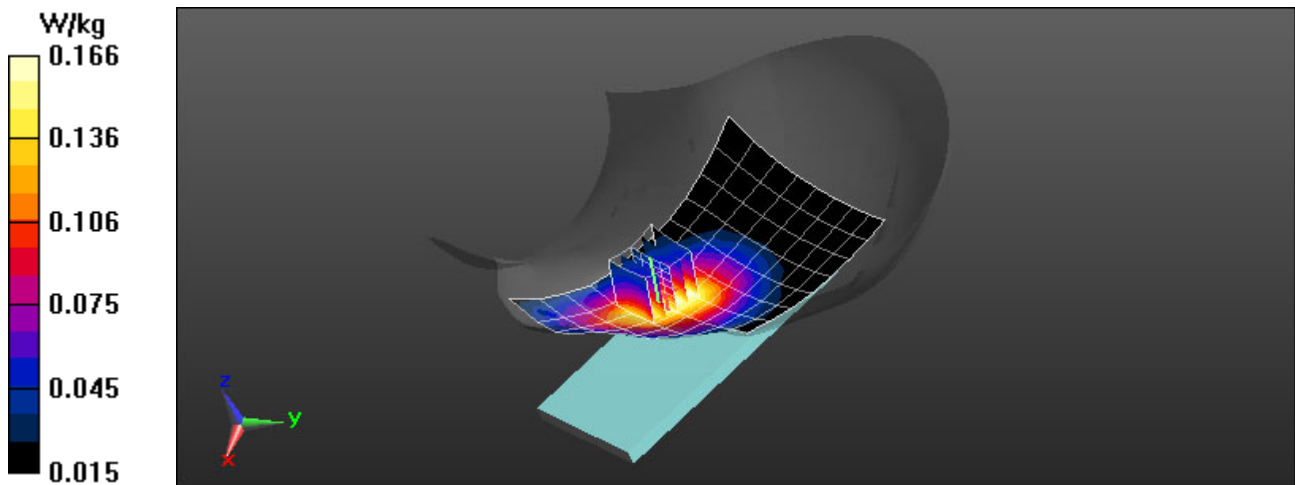
Reference Value = 12.53 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 0.183 W/kg

SAR(1 g) = 0.141 W/kg

Smallest distance from peaks to all points 3 dB below = 20.4 mm

Ratio of SAR at M2 to SAR at M1 = 77.9%



PCTEST

DUT: A3LSMS908E; Type: Portable Handset; Serial: 2006R

Communication System: UID:10021 - DAC, GSM; MAIA: Y; Frequency: 1880.0 MHz

Medium: 1900 Head; Medium parameters used:

f = 1880.0 MHz; cond = 1.45 S/m; perm = 39.3; density = 1000 kg/m³

Phantom Section: Left Head; Space: 0.00 mm

Test Date: 10/25/2021; Ambient Temp: 22.1°C; Tissue Temp: 21.4°C

Probe: EX3DV4 - SN7532; ConvF:(8.25,8.25,8.25); Calibrated: 2021-04-19

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

Electronics: DAE4 Sn501; Calibrated: 2021-04-13

Phantom: Twin-SAM V4.0; Serial: 1275

Measurement SW: DASY Module SAR V16.0.0.116

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

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

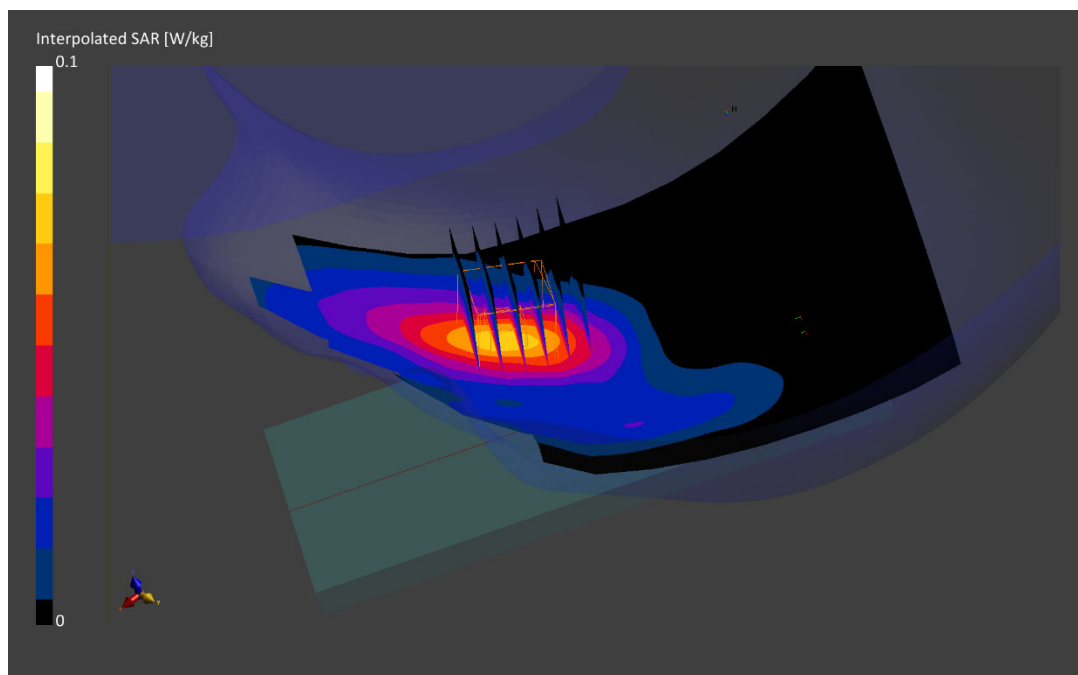
Reference Value = 0.06 W/kg; Power Drift = 0.19 dB

Peak SAR (extrapolated) = 0.094 W/kg

SAR(1 g) = 0.058 W/kg

Smallest distance from peaks to all points 3 dB below is > 15.0 mm

Ratio of SAR at M2 to SAR at M1 = 86.9 %



PCTEST

DUT: A3LSMS908E; Type: Portable Handset; Serial: 2007R

Communication System: UID 0, _UMTS; Frequency: 846.6 MHz; Duty Cycle: 1:1
Medium: 835 Head; Medium parameters used (interpolated):
 $f = 846.6 \text{ MHz}$; $\sigma = 0.93 \text{ S/m}$; $\epsilon_r = 43.081$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Left Section

Test Date: 10/28/2021; Ambient Temp: 19.8°C; Tissue Temp: 19.8°C

Probe: EX3DV4 - SN7558; ConvF(9.89, 9.89, 9.89) @ 846.6 MHz; Calibrated: 9/17/2021
Sensor-Surface: 1.4mm (Mechanical Surface Detection)
Electronics: DAE4 Sn1364; Calibrated: 9/13/2021
Phantom: Twin-SAM V5.0 (30); Type: QD 000 P40 CD; Serial: 1626
Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

Mode: UMTS 850, Left Head, Cheek, High.ch

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

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

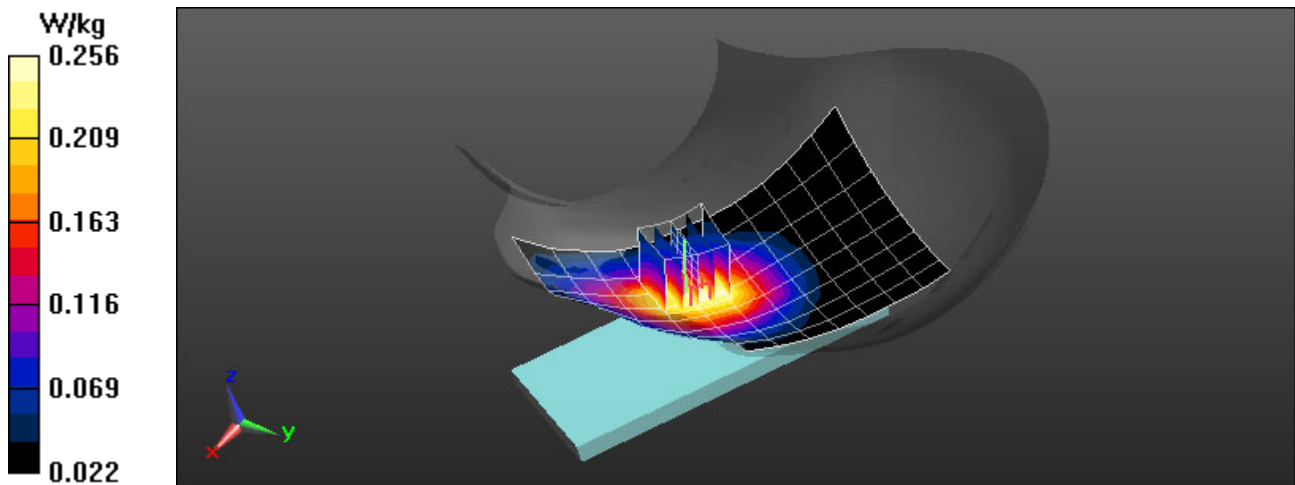
Reference Value = 15.44 V/m; Power Drift = 0.15 dB

Peak SAR (extrapolated) = 0.284 W/kg

SAR(1 g) = 0.214 W/kg

Smallest distance from peaks to all points 3 dB below = 20.3 mm

Ratio of SAR at M2 to SAR at M1 = 75.1%



PCTEST

DUT: A3LSMS908E; Type: Portable Handset; Serial: 2005R

Communication System: UID:10011 - CAB, WCDMA; MAIA: Y; Frequency: 1732.4 MHz

Medium: 1750 Head; Medium parameters used:

$f = 1732.4$ MHz; $\text{cond} = 1.36$ S/m; $\text{perm} = 39.9$; $\text{density} = 1000$ kg/m³

Phantom Section: Right Head

Test Date: 10/20/2021; Ambient Temp: 23.0°C; Tissue Temp: 22.1°C

Probe: EX3DV4 - SN7532; ConvF:(8.61,8.61,8.61); Calibrated: 2021-04-19

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

Electronics: DAE4 Sn501; Calibrated: 2021-04-13

Phantom: Twin-SAM V4.0; Serial: 1275

Measurement SW: DASY Module SAR V16.0.0.116

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

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

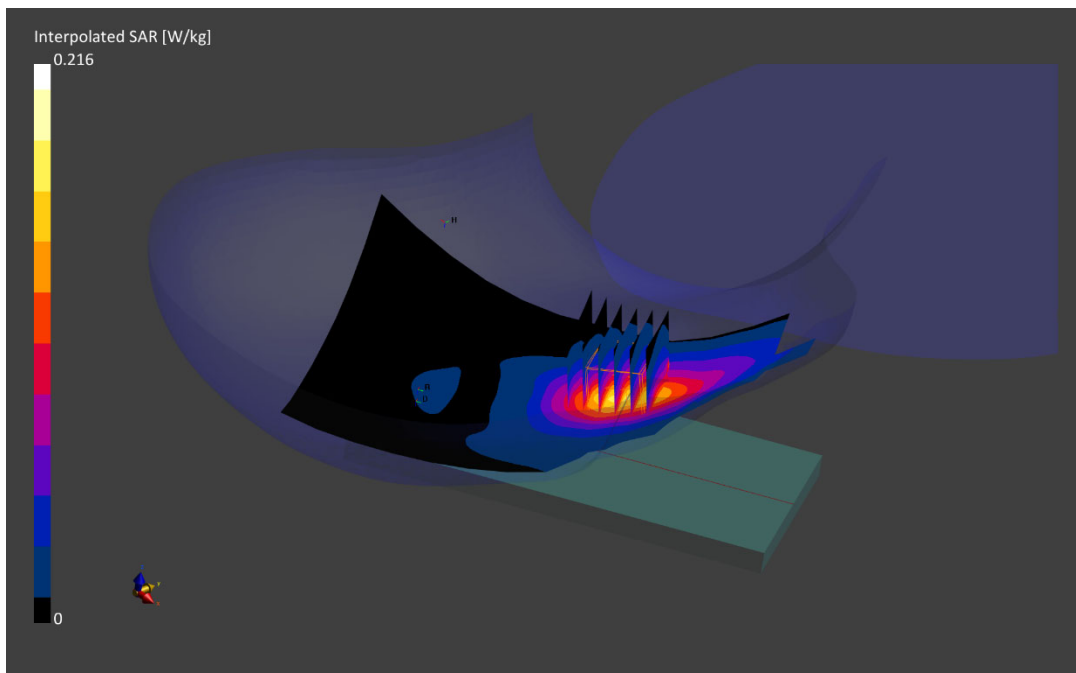
Reference Value = 0.14 W/kg; Power Drift = 0.19 dB

Peak SAR (extrapolated) = 0.216 W/kg

SAR(1 g) = 0.145 W/kg

Smallest distance from peaks to all points 3 dB below is 13.0 mm

Ratio of SAR at M2 to SAR at M1 = 90.2 %



PCTEST

DUT: A3LSMS908E; Type: Portable Handset; Serial: 2005R

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

Medium: 1900 Head; Medium parameters used:

f = 1907.6 MHz; cond = 1.46 S/m; perm = 39.2; density = 1000 kg/m³

Phantom Section: Left Head

Test Date: 10/22/2021; Ambient Temp: 22.7°C; Tissue Temp: 21.8°C

Probe: EX3DV4 - SN7532; ConvF:(8.25,8.25,8.25); Calibrated: 2021-04-19

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

Electronics: DAE4 Sn501; Calibrated: 2021-04-13

Phantom: Twin-SAM V4.0; Serial: 1275

Measurement SW: DASY Module SAR V16.0.0.116

Mode: UMTS 1900, Left Head, Cheek, High.Ch

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

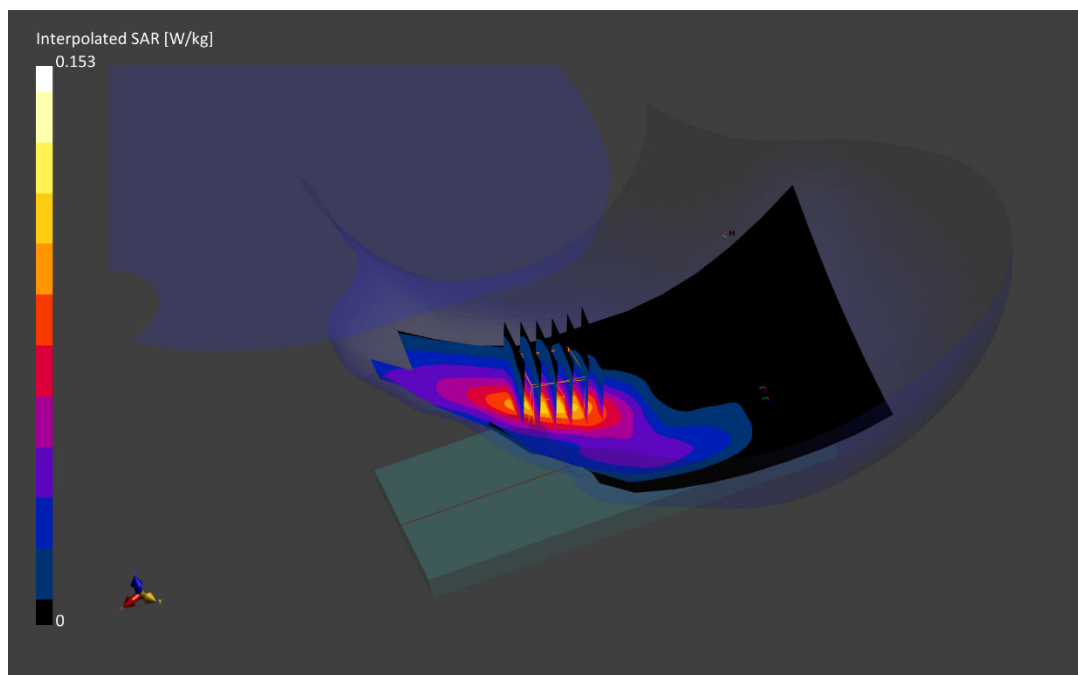
Reference Value = 0.10 W/kg; Power Drift = -0.17 dB

Peak SAR (extrapolated) = 0.153 W/kg

SAR(1 g) = 0.096 W/kg

Smallest distance from peaks to all points 3 dB below is 13.0 mm

Ratio of SAR at M2 to SAR at M1 = 86.2 %



PCTEST

DUT: A3LSMS908E; Type: Portable Handset; Serial: 2007R

Communication System: UID 0, LTE Band 12; Frequency: 707.5 MHz; Duty Cycle: 1:1
Medium: 750 Head; Medium parameters used (interpolated):
 $f = 707.5$ MHz; $\sigma = 0.909$ S/m; $\epsilon_r = 40.524$; $\rho = 1000$ kg/m³
Phantom section: Left Section

Test Date: 11/08/2021; Ambient Temp: 21.0°C; Tissue Temp: 21.5°C

Probe: EX3DV4 - SN7558; ConvF(10.27, 10.27, 10.27) @ 707.5 MHz; Calibrated: 9/17/2021
Sensor-Surface: 1.4mm (Mechanical Surface Detection)
Electronics: DAE4 Sn1364; Calibrated: 9/13/2021
Phantom: Twin-SAM V5.0 (30); Type: QD 000 P40 CD; Serial: 1626
Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

**Mode: LTE Band 12, Left Head, Cheek, Mid.ch, QPSK,
10 MHz Bandwidth, 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

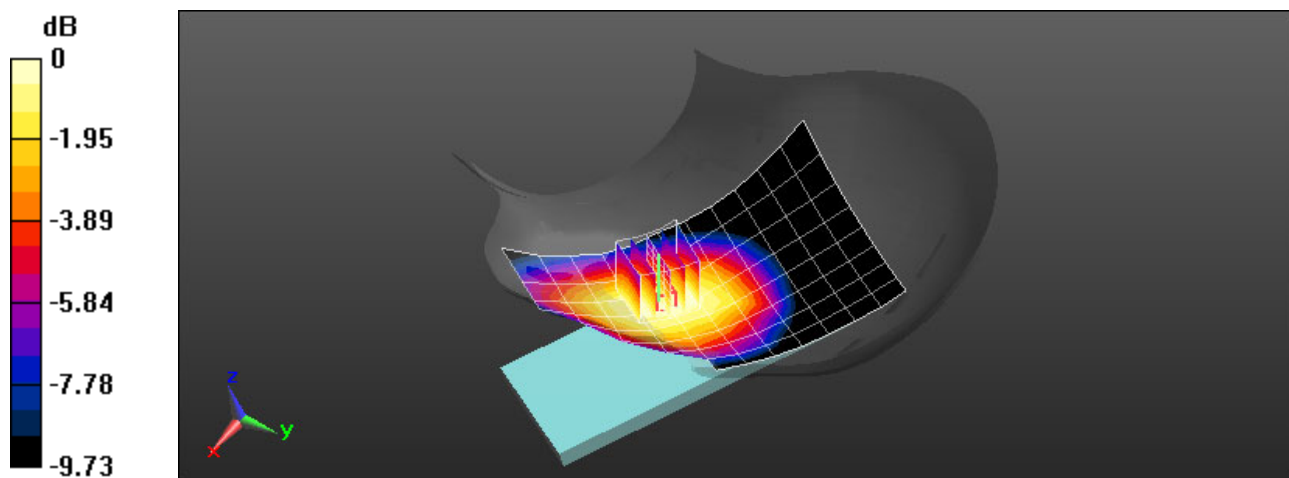
Reference Value = 12.82 V/m; Power Drift = 0.19 dB

Peak SAR (extrapolated) = 0.177 W/kg

SAR(1 g) = 0.136 W/kg

Smallest distance from peaks to all points 3 dB below: Larger than measurement grid

Ratio of SAR at M2 to SAR at M1 = 78.7%



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

PCTEST

DUT: A3LSMS908E; Type: Portable Handset; Serial: 2007R

Communication System: UID 0, LTE Band 13; Frequency: 782 MHz; Duty Cycle: 1:1
Medium: 750 Head; Medium parameters used (interpolated):
 $f = 782 \text{ MHz}$; $\sigma = 0.934 \text{ S/m}$; $\epsilon_r = 40.306$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Left Section

Test Date: 11/08/2021; Ambient Temp: 21.0°C; Tissue Temp: 21.5°C

Probe: EX3DV4 - SN7558; ConvF(10.27, 10.27, 10.27) @ 782 MHz; Calibrated: 9/17/2021
Sensor-Surface: 1.4mm (Mechanical Surface Detection)
Electronics: DAE4 Sn1364; Calibrated: 9/13/2021
Phantom: Twin-SAM V5.0 (30); Type: QD 000 P40 CD; Serial: 1626
Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

**Mode: LTE Band 13, Left Head, Cheek, Mid.ch, QPSK,
10 MHz Bandwidth, 1 RB, 25 RB Offset**

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

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

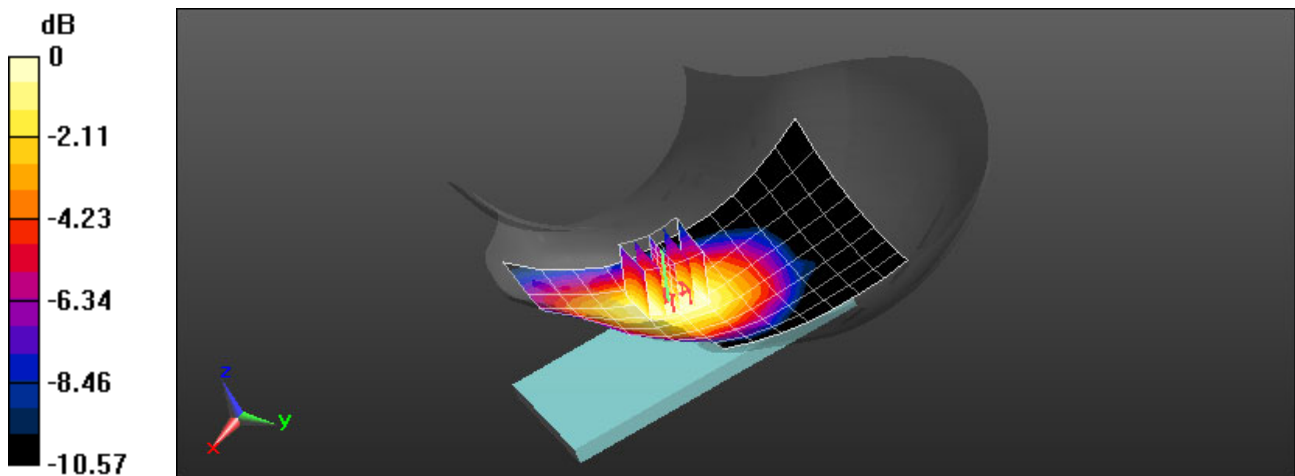
Reference Value = 17.00 V/m; Power Drift = 0.14 dB

Peak SAR (extrapolated) = 0.320 W/kg

SAR(1 g) = 0.243 W/kg

Smallest distance from peaks to all points 3 dB below = 21.1 mm

Ratio of SAR at M2 to SAR at M1 = 76%



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

PCTEST

DUT: A3LSMS908E; Type: Portable Handset; Serial: 2007R

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; $\sigma = 0.915$ S/m; $\epsilon_r = 43.275$; $\rho = 1000$ kg/m³
Phantom section: Left Section;

Test Date: 10/28/2021; Ambient Temp: 19.8°C; Tissue Temp: 19.8°C

Probe: EX3DV4 - SN7558; ConvF(9.89, 9.89, 9.89) @ 831.5 MHz; Calibrated: 9/17/2021
Sensor-Surface: 1.4mm (Mechanical Surface Detection)
Electronics: DAE4 Sn1364; Calibrated: 9/13/2021
Phantom: Twin-SAM V5.0 (30); Type: QD 000 P40 CD; Serial: 1626
Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

**Mode: LTE Band 26 (Cell.), Left Head, Cheek, 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

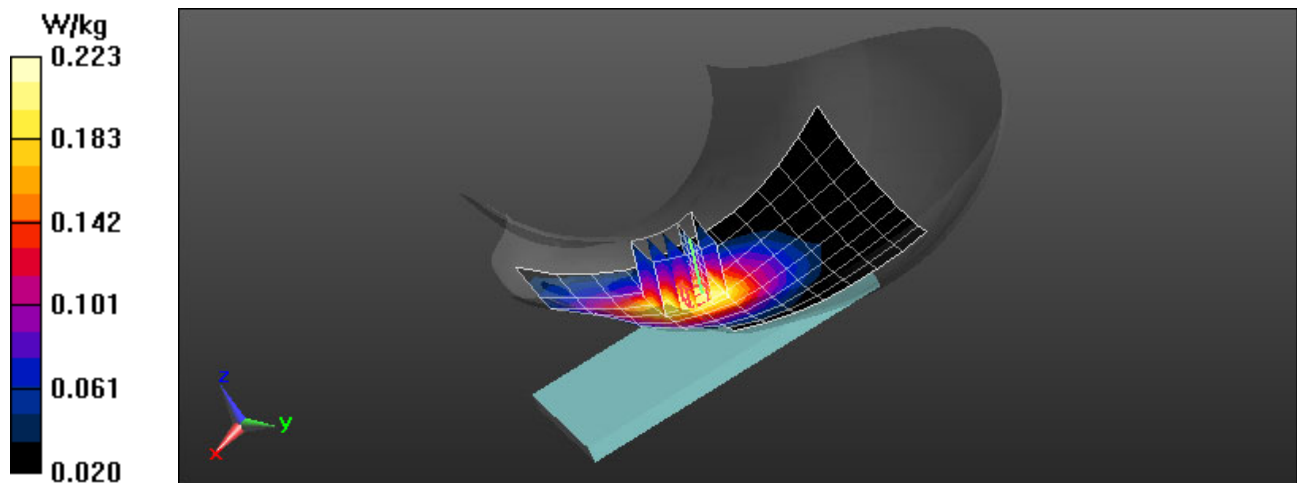
Reference Value = 15.06 V/m; Power Drift = 0.09 dB

Peak SAR (extrapolated) = 0.246 W/kg

SAR(1 g) = 0.187 W/kg

Smallest distance from peaks to all points 3 dB below = 19.5 mm

Ratio of SAR at M2 to SAR at M1 = 74.5%



PCTEST

DUT: A3LSMS908E; Type: Portable Handset; Serial: 1445M

Communication System: UID:10169 - CAE, LTE-FDD; MAIA: Y; Frequency: 1770.0 MHz

Medium: 1750 Head; Medium parameters used:

f = 1770.0 MHz; cond = 1.40 S/m; perm = 38.6; density = 1000 kg/m³

Phantom Section: RightHead; Space: 0.00 mm

Test Date: 12/01/2021; Ambient Temp: 21.2°C; Tissue Temp: 20.2°C

Probe: EX3DV4 - SN7546; ConvF:(8.44,8.44,8.44); Calibrated: 2021-07-21

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

Electronics: DAE4 Sn1402; Calibrated: 2021-07-14

Phantom: Twin-SAM V8.0 (30); Serial: 1936

Measurement SW: DASY Module SAR V16.0.0.116

**Mode: LTE Band 66 (AWS), Right Head, Cheek, High.ch, 20 MHz Bandwidth,
QPSK, 1 RB, 50 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

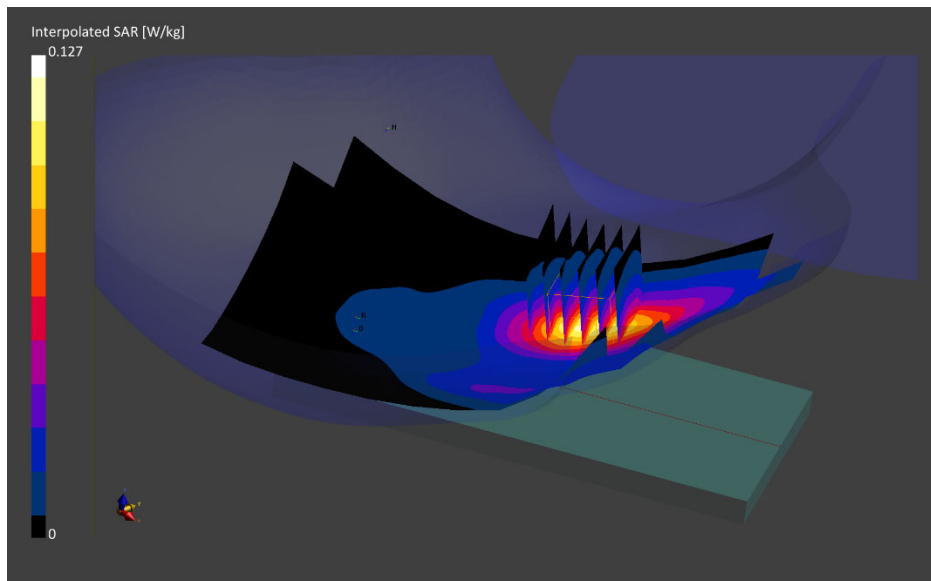
Reference Value = 0.09 W/kg; Power Drift = 0.00 dB

Peak SAR (extrapolated) = 0.127 W/kg

SAR(1 g) = 0.084 W/kg

Smallest distance from peaks to all points 3 dB below is 13.2 mm

Ratio of SAR at M2 to SAR at M1 = 89.6 %



PCTEST

DUT: A3LSMS908E; Type: Portable Handset; Serial: 2674M

Communication System: UID:10169 - CAE, LTE-FDD; MAIA: Y; Frequency: 1732.5 MHz

Medium: 1750 Head; Medium parameters used:

f = 1732.5 MHz; cond = 1.36 S/m; perm = 38.7; density = 1000 kg/m³

Phantom Section: Left Head; Space: 0.00 mm

Test Date: 12/01/2021; Ambient Temp: 21.2°C; Tissue Temp: 20.2°C

Probe: EX3DV4 - SN7546; ConvF:(8.44,8.44,8.44); Calibrated: 2021-07-21

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

Electronics: DAE4 Sn1402; Calibrated: 2021-07-14

Phantom: Twin-SAM V8.0 (30); Serial: 1936

Measurement SW: DASY Module SAR V16.0.0.116

**Mode: LTE Band 4, Antenna J, Left Head, Tilt, Mid.ch, 20 MHz Bandwidth,
QPSK, 1 RB, 50 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=4.9 mm, dy=4.9 mm, dz=1.4 mm; Graded Ratio: 1.4

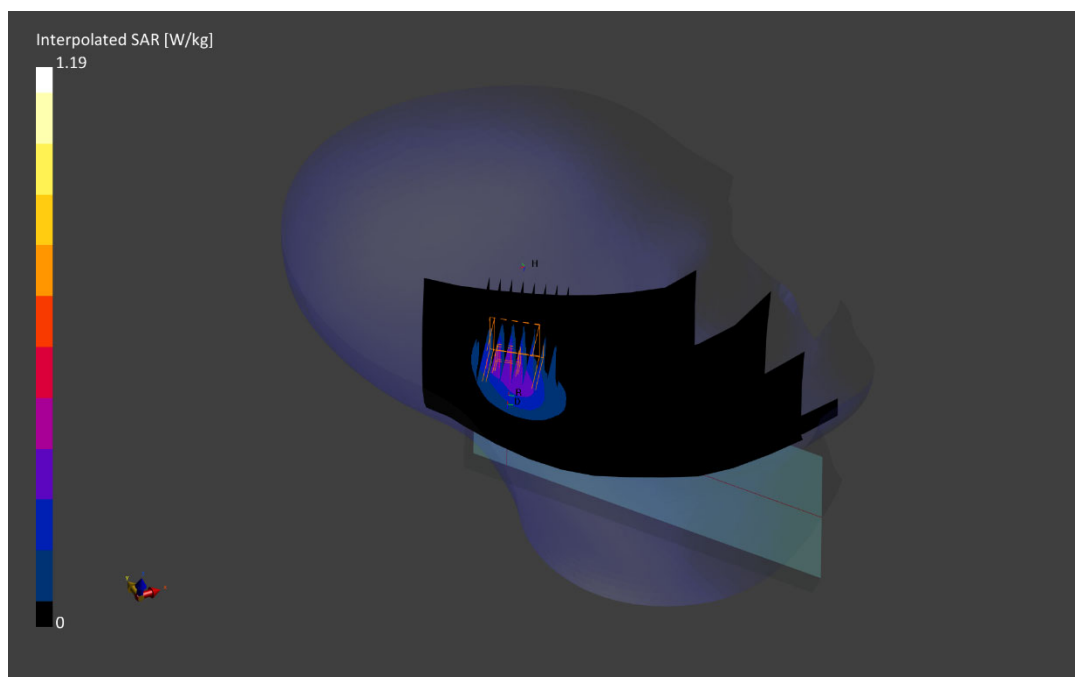
Reference Value = 0.42 W/kg; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 1.19 W/kg

SAR(1 g) = 0.472 W/kg

Smallest distance from peaks to all points 3 dB below is 5.7 mm

Ratio of SAR at M2 to SAR at M1 = 75.5 %



PCTEST

DUT: A3LSMS908E; Type: Portable Handset; Serial: 1451M

Communication System: UID:10169 - CAE, LTE-FDD; MAIA: Y; Frequency: 1905.0 MHz

Medium: 1900 Head; Medium parameters used:

f = 1905.0 MHz; cond = 1.44 S/m; perm = 38.3; density = 1000 kg/m³

Phantom Section: Left Head; Space: 0.00 mm

Test Date: 12/06/2021; Ambient Temp: 21.6°C; Tissue Temp: 20.8°C

Probe: EX3DV4 - SN7421; ConvF:(7.72,7.72,7.72); Calibrated: 2021-03-17

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

Electronics: DAE4 Sn604; Calibrated: 2021-08-02

Phantom: Twin-SAM V8.0 (30); Serial: 1944

Measurement SW: DASY Module SAR V16.0.0.116

**Mode: LTE Band 25, Left Head, Cheek, High.Ch, 20 MHz Bandwidth,
QPSK, 1 RB, 50 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

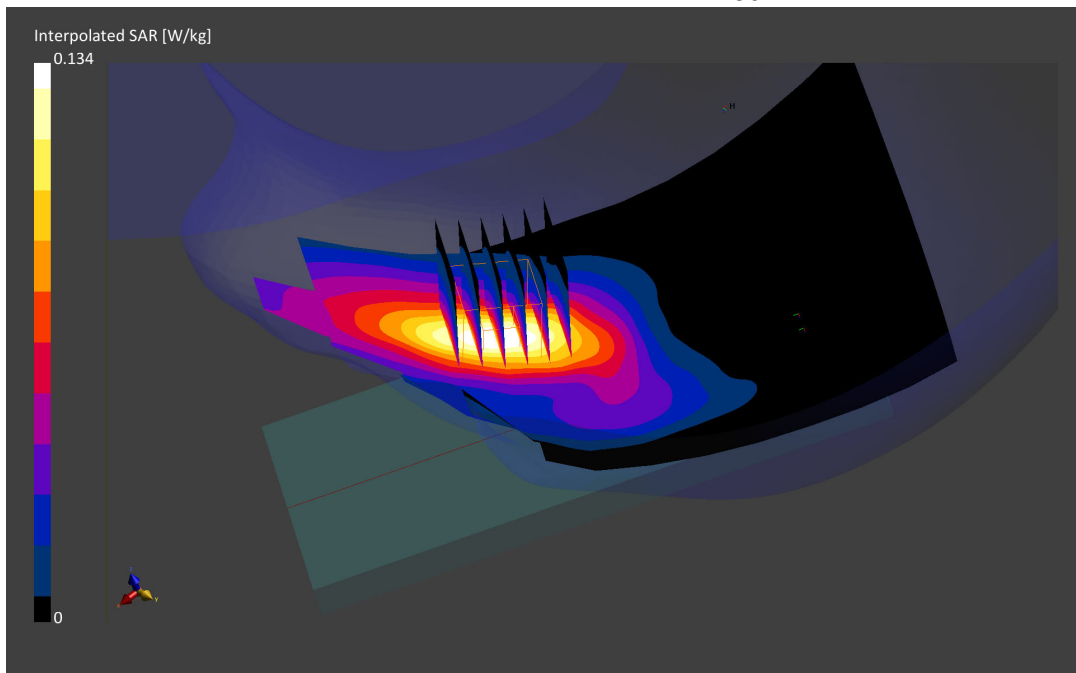
Reference Value = 0.07 W/kg; Power Drift = 0.00 dB

Peak SAR (extrapolated) = 0.134 W/kg

SAR(1 g) = 0.084 W/kg

Smallest distance from peaks to all points 3 dB below is 11.9 mm

Ratio of SAR at M2 to SAR at M1 = 86.1 %



PCTEST

DUT: A3LSMS908E; Type: Portable Handset; Serial: 1451M

Communication System: UID:10169 - CAE, LTE-FDD; MAIA: Y; Frequency: 1900.0 MHz

Medium: 1900 Head; Medium parameters used:

f = 1900.0 MHz; cond = 1.43 S/m; perm = 38.3; density = 1000 kg/m³

Phantom Section: Left Head; Space: 0.00 mm

Test Date: 12/06/2021; Ambient Temp: 21.6°C; Tissue Temp: 20.8°C

Probe: EX3DV4 - SN7421; ConvF:(7.72,7.72,7.72); Calibrated: 2021-03-17

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

Electronics: DAE4 Sn604; Calibrated: 2021-08-02

Phantom: Twin-SAM V8.0 (30); Serial: 1944

Measurement SW: DASY Module SAR V16.0.0.116

**Mode: LTE Band 2, Left Head, Cheek, High.Ch, 20 MHz Bandwidth,
QPSK, 1 RB, 50 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

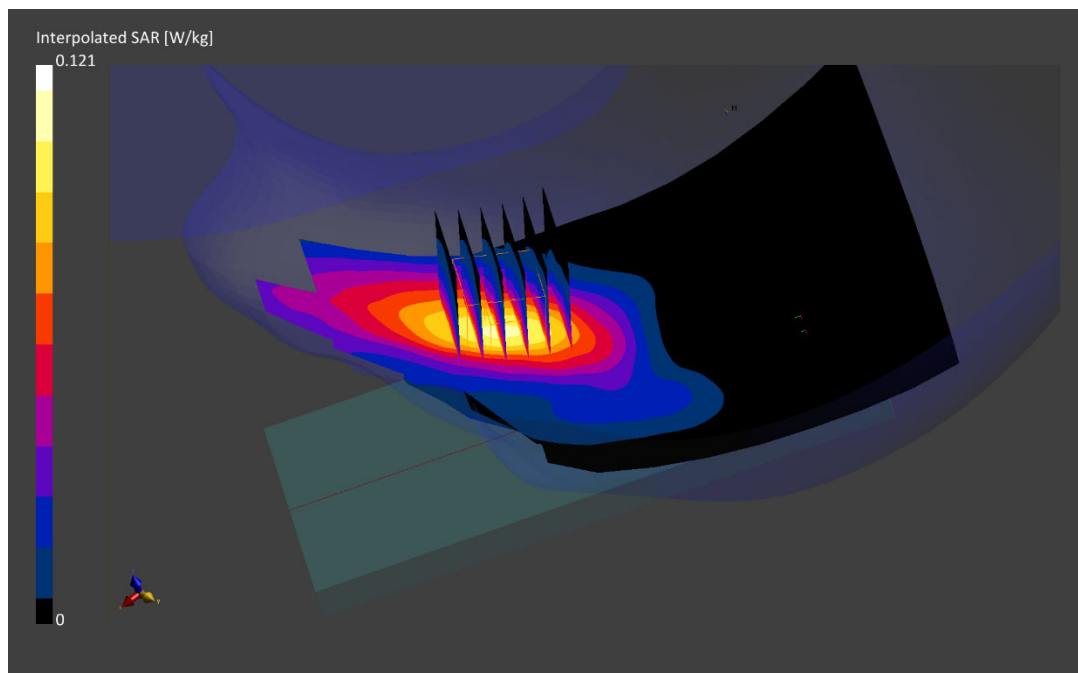
Reference Value = 0.07 W/kg; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.121 W/kg

SAR(1 g) = 0.075 W/kg

Smallest distance from peaks to all points 3 dB below is 11.1 mm

Ratio of SAR at M2 to SAR at M1 = 86.6 %



PCTEST

DUT: A3LSMS908E; Type: Portable Handset; Serial: 2003R

Communication System: UID:10172 - CAG, LTE-TDD; MAIA: Y; Frequency: 2506.0 MHz

Medium: 2450 Head; Medium parameters used:

f = 2506.0 MHz; cond = 1.91 S/m; perm = 38.0; density = 1000 kg/m³

Phantom Section: Left Head; Space: 0.00 mm

Test Date: 11/16/2021; Ambient Temp: 24.1°C; Tissue Temp: 22.0°C

Probe: EX3DV4 - SN3949; ConvF:(7.81,7.81,7.81); Calibrated: 2021-08-26

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

Electronics: DAE4 Sn1408; Calibrated: 2021-08-11

Phantom: Twin-SAM V8.0; Serial: 2027

Measurement SW: DASY Module SAR V16.0.0.116

**Mode: LTE Band 41, PC2, Left Head, Tilt, Low.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=5.0 mm, dy=5.0 mm, dz=1.5 mm; Graded Ratio: 1.5

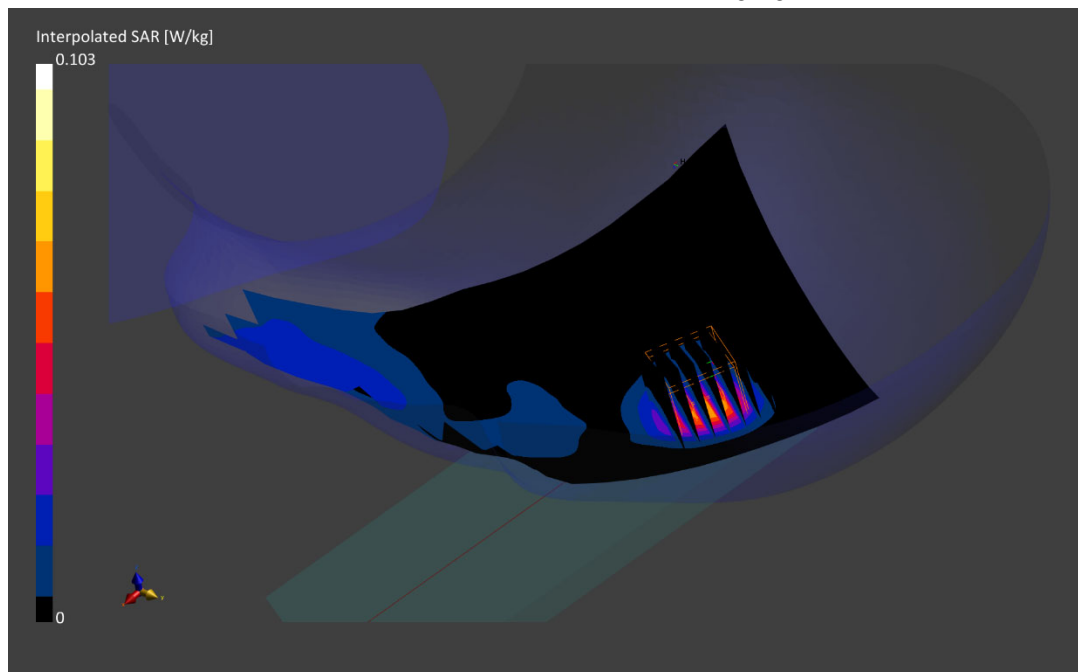
Reference Value = 0.06 W/kg; Power Drift = 0.15 dB

Peak SAR (extrapolated) = 0.098 W/kg

SAR(1 g) = 0.052 W/kg

Smallest distance from peaks to all points 3 dB below is > 15.0 mm

Ratio of SAR at M2 to SAR at M1 = 82.8 %



PCTEST

DUT: A3LSMS908E; Type: Portable Handset; Serial: 1423M

Communication System: UID:10939 - AAB, 5G NR FR1 FDD; MAIA: Y; Frequency: 836.5 MHz

Medium: 835 Head; Medium parameters used:

f = 836.5 MHz; cond = 0.881 S/m; perm = 41.2; density = 1000 kg/m³

Phantom Section: Left Head; Space: 0.00 mm

Test Date: 11/12/2021; Ambient Temp: 22.9°C; Tissue Temp: 22.2°C

Probe: EX3DV4 - SN7427; ConvF:(9.8,9.8,9.8); Calibrated: 2021-02-17

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

Electronics: DAE4 Sn1403; Calibrated: 2021-02-11

Phantom: Twin-SAM V8.0; Serial: 2034

Measurement SW: DASY Module SAR V16.0.0.116

**Mode: NR Band n5, Left Head, Cheek, 20 MHz Bandwidth, Ch. 167300,
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

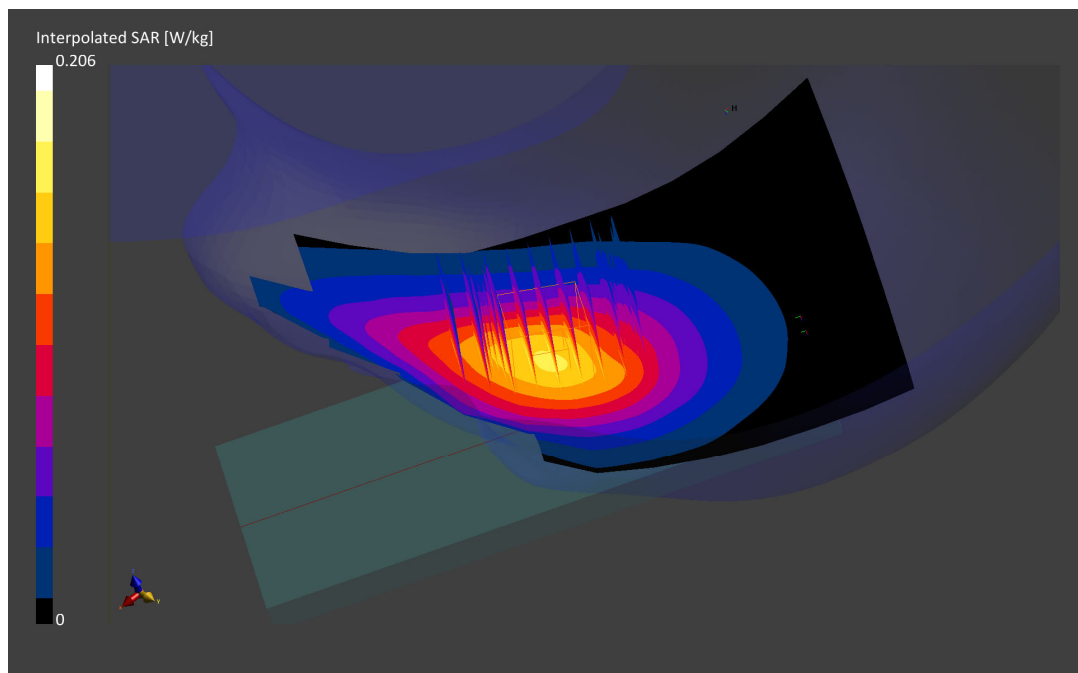
Reference Value = 0.16 W/kg; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 0.206 W/kg

SAR(1 g) = 0.163 W/kg

Smallest distance from peaks to all points 3 dB below is 22.0 mm

Ratio of SAR at M2 to SAR at M1 = 93.2 %



PCTEST

DUT: A3LSMS908E; Type: Portable Handset; Serial: 1424M

Communication System: UID:10947 - AAB, 5G NR FR1 FDD; MAIA: Y; Frequency: 1770.0 MHz

Medium: 1750 Head; Medium parameters used:

f = 1770.0 MHz; cond = 1.37 S/m; perm = 39.4; density = 1000 kg/m³

Phantom Section: Left Head; Space: 0.00 mm

Test Date: 11/29/2021; Ambient Temp: 21.4°C; Tissue Temp: 20.5°C

Probe: EX3DV4 - SN7546; ConvF:(8.44,8.44,8.44); Calibrated: 2021-07-21

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

Electronics: DAE4 Sn1402; Calibrated: 2021-07-14

Phantom: Twin-SAM V8.0 (30); Serial: 1936

Measurement SW: DASY Module SAR V16.0.0.116

**Mode: NR Band n66 Antenna J, Left Head, Tilt, 20 MHz Bandwidth, Ch. 354000,
DFT-s-OFDM QPSK, 100 RB, 0 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=4.5 mm, dy=4.5 mm, dz=1.4 mm; Graded Ratio: 1.4

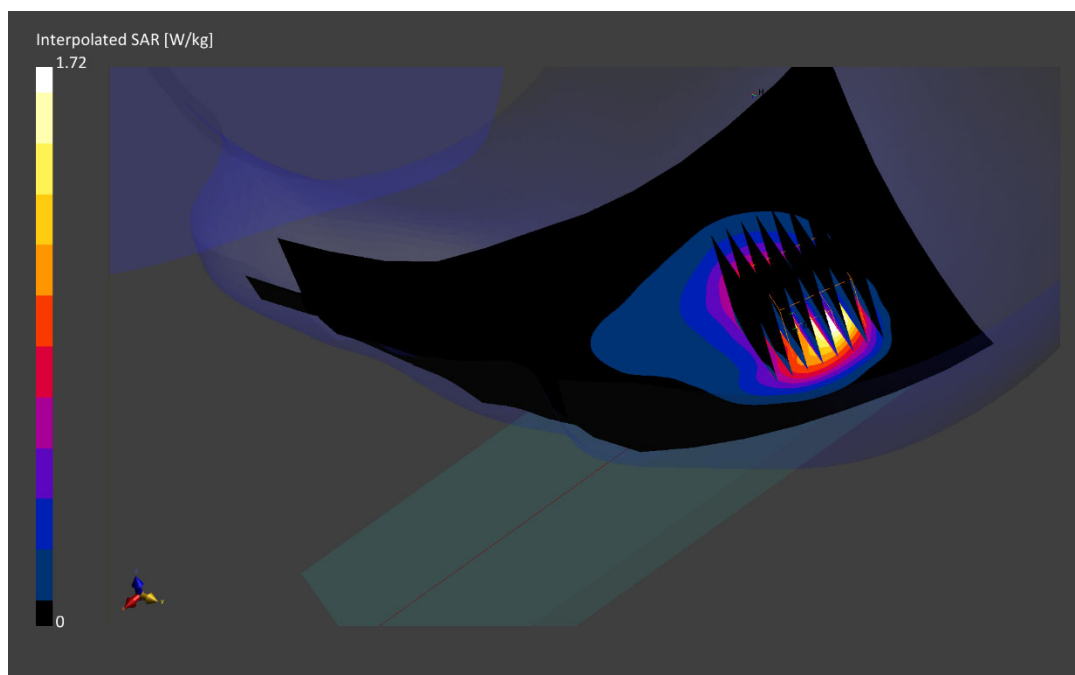
Reference Value = 0.63 W/kg; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 1.72 W/kg

SAR(1 g) = 0.716 W/kg

Smallest distance from peaks to all points 3 dB below is 5.4 mm

Ratio of SAR at M2 to SAR at M1 = 79.1 %



PCTEST

DUT: A3LSMS908E; Type: Portable Handset; Serial: 0841M

Communication System: UID: 10196 - AAC, WLAN; MAIA: Y; Frequency: 2437.0 MHz

Medium: 2450 Head; Medium parameters used:

f = 2437.0 MHz; cond = 1.84 S/m; perm = 38.8; density = 1000 kg/m³

Phantom Section: Right Head

Test Date: 11/19/2021; Ambient Temp: 23.5°C; Tissue Temp: 22.9°C

Probe: EX3DV4 - SN3949; ConvF:(7.81,7.81,7.81); Calibrated: 2021-08-26

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

Electronics: DAE4 Sn1408; Calibrated: 2021-08-11

Phantom: Twin-SAM V8.0; Serial: 2027

Measurement SW: DASY Module SAR V16.0.0.116

Mode: IEEE 802.11n, MIMO, 20 MHz Bandwidth, Right Head, Cheek, Ch.6, 13 Mbps

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

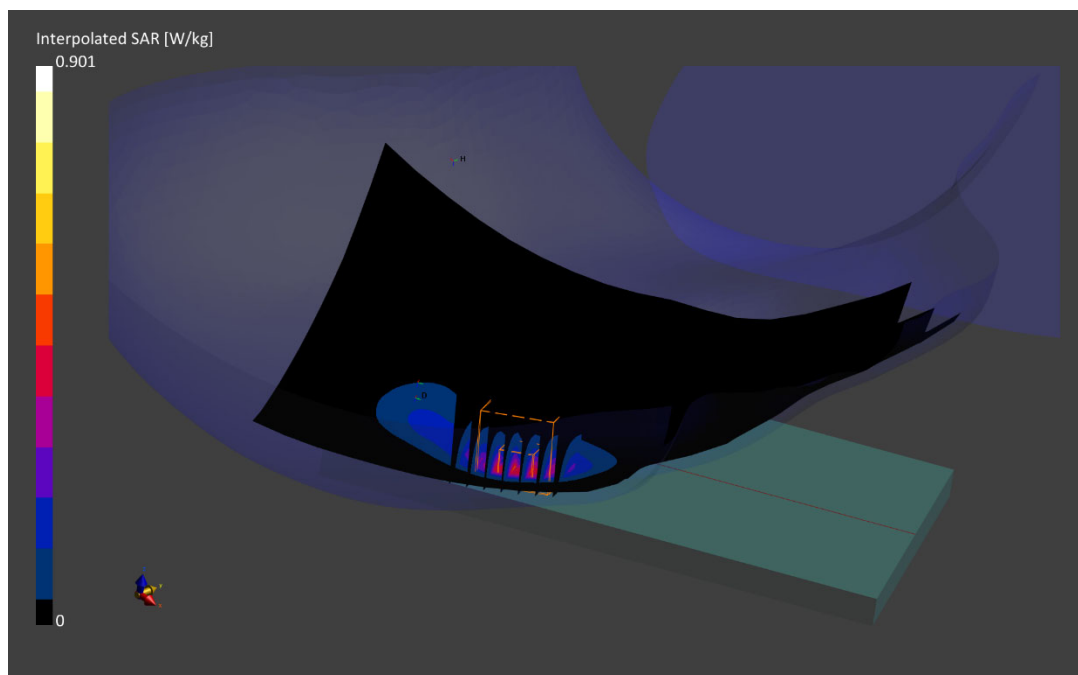
Reference Value = 0.31 W/kg; Power Drift = 0.12 dB

Peak SAR (extrapolated) = 0.901 W/kg

SAR(1 g) = 0.357 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 = 76.6 %



PCTEST

DUT: A3LSMS908E; Type: Portable Handset; Serial: 0843M

Communication System: UID:10626 - AAC, WLAN; MAIA: Y; Frequency: 5690.0 MHz

Medium: 5200-5800 Head; Medium parameters used:

$f = 5690.0$ MHz; $\text{cond} = 5.20$ S/m; $\text{perm} = 34.7$; $\text{density} = 1000$ kg/m³

Phantom Section: Right Head; Space: 0.00 mm

Test Date: 12/16/2021; Ambient Temp: 20.6°C; Tissue Temp: 20.4°C

Probe: EX3DV4 - SN7526; ConvF:(5.01,5.01,5.01); Calibrated: 2021-03-16

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

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

Phantom: Twin-SAM V8.0; Serial: 2063

Measurement SW: DASY Module SAR V16.0.0.116

**Mode: IEEE 802.11ac, U-NII-2C, MIMO, 80 MHz Bandwidth,
Right Head, Cheek, Ch. 138, 58.5 Mbps**

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

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

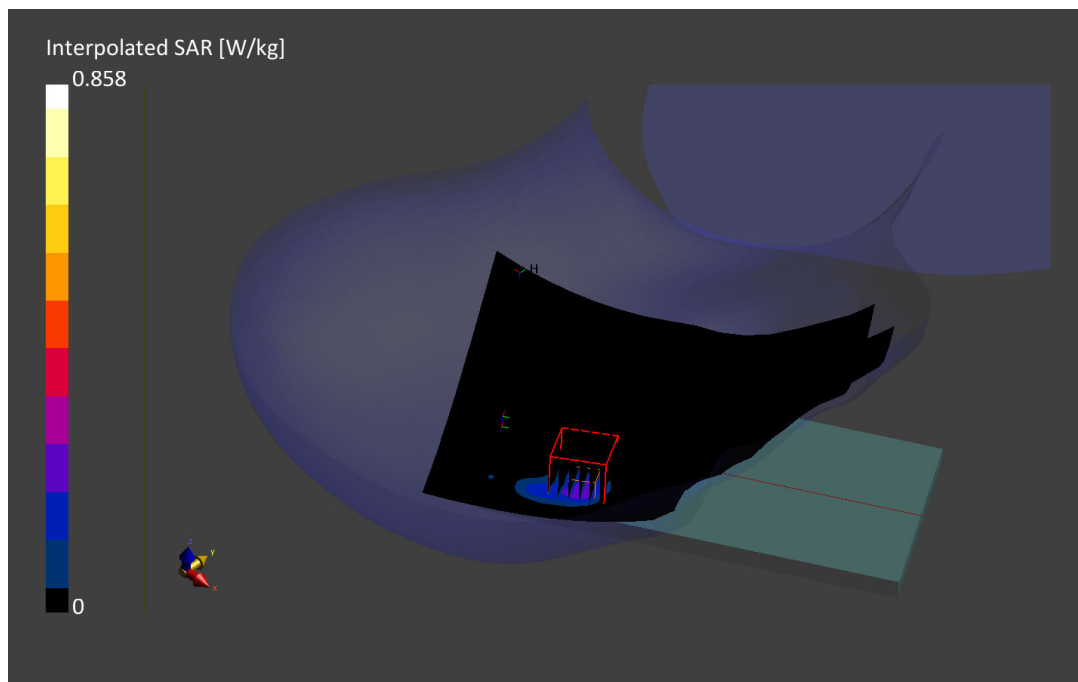
Reference Value = 0.09 W/kg; Power Drift = -0.12 dB

Peak SAR (extrapolated) = 0.858 W/kg

SAR(1 g) = 0.201 W/kg

Smallest distance from peaks to all points 3 dB below is 6.2 mm

Ratio of SAR at M2 to SAR at M1 = 60.4 %



PCTEST

DUT: A3LSMS908E; Type: Portable Handset; Serial: 0841M

Communication System: UID:10032 - CAA, Bluetooth; MAIA: Y; Frequency: 2402.0 MHz

Medium: 2450 Head; Medium parameters used:

f = 2402.0 MHz; cond = 1.80 S/m; perm = 38.4; density = 1000 kg/m³

Phantom Section: Right Head; Space: 0.00 mm

Test Date: 11/16/2021; Ambient Temp: 24.1°C; Tissue Temp: 22.0°C

Probe: EX3DV4 - SN3949; ConvF:(7.81,7.81,7.81); Calibrated: 2021-08-26

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

Electronics: DAE4 Sn1408; Calibrated: 2021-08-11

Phantom: Twin-SAM V8.0; Serial: 2027

Measurement SW: DASY Module SAR V16.0.0.116

Mode: Bluetooth, Antenna 2, Right Head, Cheek, Ch. 0, 1 Mbps

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=4.3 mm, dy=4.3 mm, dz=1.4 mm; Graded Ratio: 1.4

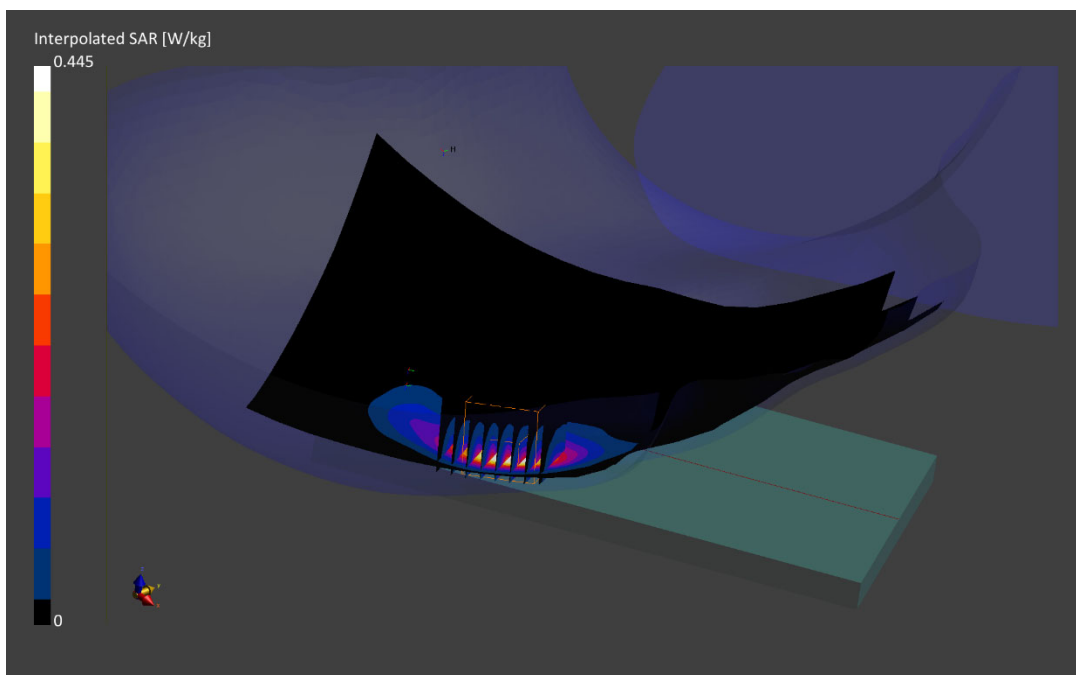
Reference Value = 0.16 W/kg; Power Drift = -0.12 dB

Peak SAR (extrapolated) = 0.445 W/kg

SAR(1 g) = 0.179 W/kg

Smallest distance from peaks to all points 3 dB below is 6.2 mm

Ratio of SAR at M2 to SAR at M1 = 79.6 %



PCTEST

DUT: A3LSMS908E; Type: Portable Handset; Serial: 2007R

Communication System: UID 0, GSM; Frequency: 848.8 MHz; Duty Cycle: 1:8.3
Medium: 835 Body; Medium parameters used (interpolated):
 $f = 848.8$ MHz; $\sigma = 1.024$ S/m; $\epsilon_r = 53.302$; $\rho = 1000$ kg/m³
Phantom section: Flat Section; Space: 1.5 cm

Test Date: 10/26/2021; Ambient Temp: 20.5°C; Tissue Temp: 20.3°C

Probe: EX3DV4 - SN7558; ConvF(10.14, 10.14, 10.14) @ 848.8 MHz; Calibrated: 9/17/2021
Sensor-Surface: 1.4mm (Mechanical Surface Detection)
Electronics: DAE4 Sn1364; Calibrated: 9/13/2021
Phantom: Twin-SAM V5.0 (30); Type: QD 000 P40 CD; Serial: 1626
Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

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

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

Zoom Scan 1 (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

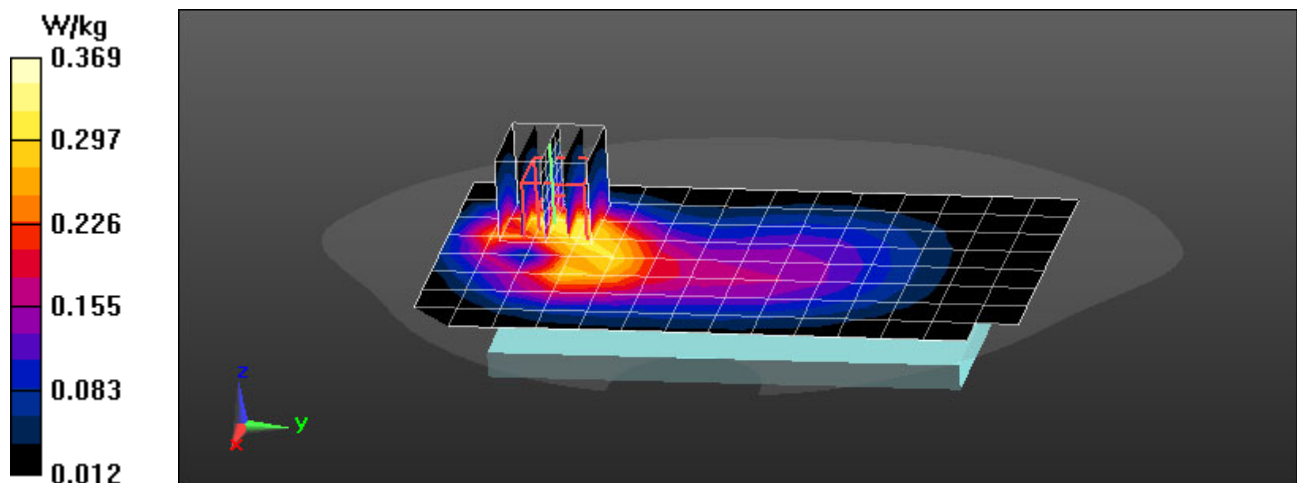
Reference Value = 16.49 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 0.437 W/kg

SAR(1 g) = 0.260 W/kg

Smallest distance from peaks to all points 3 dB below = 12.8 mm

Ratio of SAR at M2 to SAR at M1 = 60.8%



PCTEST

DUT: A3LSMS908E; Type: Portable Handset; Serial: 2007R

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; $\sigma = 1.024$ S/m; $\epsilon_r = 53.302$; $\rho = 1000$ kg/m³
Phantom section: Flat Section; Space: 1.0 cm

Test Date: 10/26/2021; Ambient Temp: 20.5°C; Tissue Temp: 20.3°C

Probe: EX3DV4 - SN7558; ConvF(10.14, 10.14, 10.14) @ 848.8 MHz; Calibrated: 9/17/2021
Sensor-Surface: 1.4mm (Mechanical Surface Detection)
Electronics: DAE4 Sn1364; Calibrated: 9/13/2021
Phantom: Twin-SAM V5.0 (30); Type: QD 000 P40 CD; Serial: 1626
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 1 (7x7x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

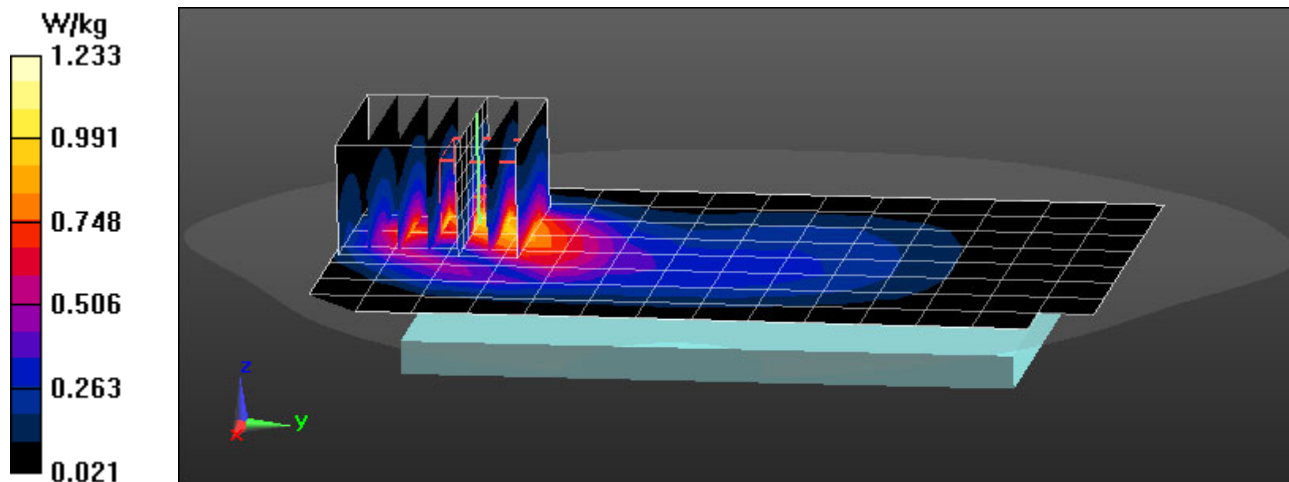
Reference Value = 29.72 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 1.48 W/kg

SAR(1 g) = 0.825 W/kg

Smallest distance from peaks to all points 3 dB below = 11.2 mm

Ratio of SAR at M2 to SAR at M1 = 56.5%



PCTEST

DUT: A3LSMS908E; Type: Portable Handset; Serial: 2006R

Communication System: UID:10021 - DAC, GSM; MAIA: Y; Frequency: 1880.0 MHz

Medium: 1900 Body; Medium parameters used:

f = 1880.0 MHz; cond = 1.51 S/m; perm = 51.7; density = 1000 kg/m³

Phantom Section: Flat; Space: 15.00 mm

Test Date: 10/27/2021; Ambient Temp: 22.3°C; Tissue Temp: 21.6°C

Probe: EX3DV4 - SN7421; ConvF:(7.72,7.72,7.72); Calibrated: 2021-03-17

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

Electronics: DAE4 Sn604; Calibrated: 2021-08-02

Phantom: Twin-SAM V8.0 (30); Serial: 1944

Measurement SW: DASY Module SAR V16.0.0.116

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

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

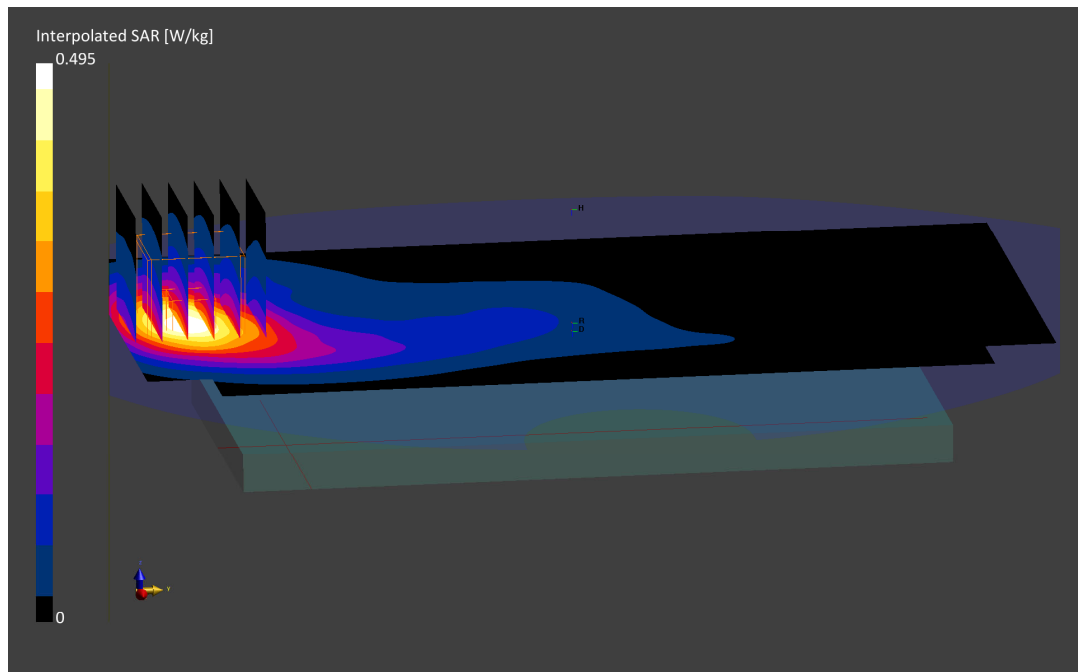
Reference Value = 0.27 W/kg; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 0.495 W/kg

SAR(1 g) = 0.300 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 = 84.6 %



PCTEST

DUT: A3LSMS908E; Type: Portable Handset; Serial: 1451M

Communication System: UID:10027 - DAC, GSM; MAIA: Y; Frequency: 1909.8 MHz

Medium: 1900 Body; Medium parameters used:

$f = 1909.8$ MHz; $\text{cond} = 1.51$ S/m; $\text{perm} = 52.4$; $\text{density} = 1000$ kg/m³

Phantom Section: Flat; Space: 10.00 mm

Test Date: 11/22/2021; Ambient Temp: 21.8°C; Tissue Temp: 21.2°C

Probe: EX3DV4 - SN7421; ConvF:(7.72,7.72,7.72); Calibrated: 2021-03-17

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

Electronics: DAE4 Sn604; Calibrated: 2021-08-02

Phantom: Twin-SAM V8.0 (30); Serial: 1944

Measurement SW: DASY Module SAR V16.0.0.116

Mode: GPRS 1900, Body SAR, Bottom edge, High.ch, 3 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

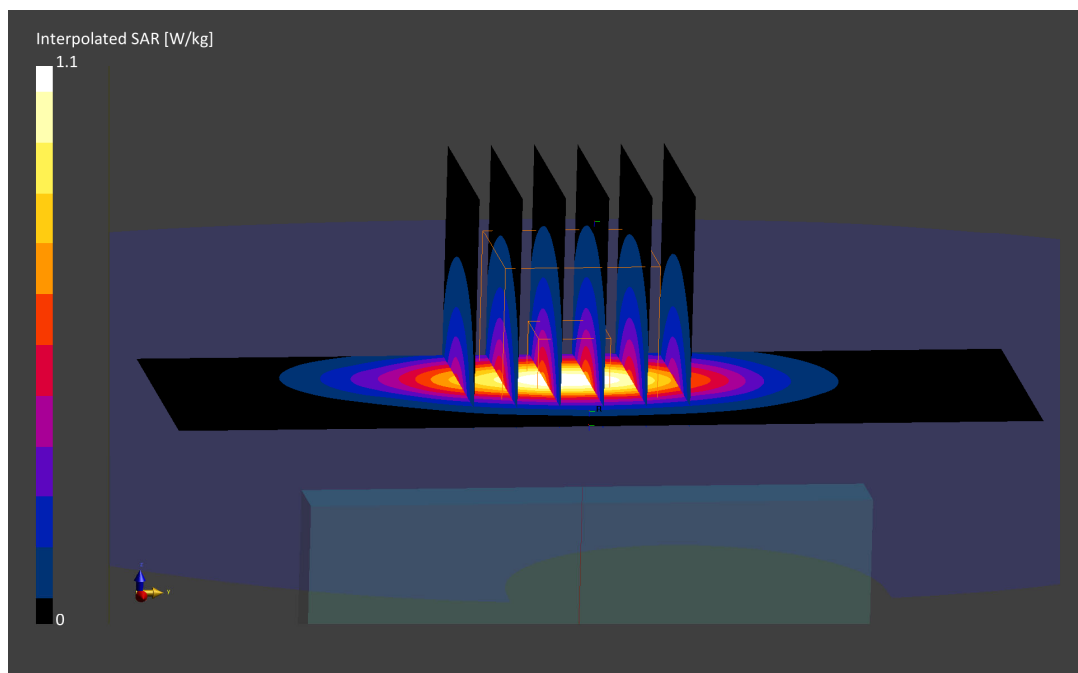
Reference Value = 0.54 W/kg; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 1.10 W/kg

SAR(1 g) = 0.590 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 = 81.1 %



PCTEST

DUT: A3LSMS908E; Type: Portable Handset; Serial: 2007R

Communication System: UID 0, UMTS; Frequency: 846.6 MHz; Duty Cycle: 1:1
Medium: 835 Body; Medium parameters used (interpolated):
 $f = 846.6$ MHz; $\sigma = 1.023$ S/m; $\epsilon_r = 53.308$; $\rho = 1000$ kg/m³
Phantom section: Flat Section; Space: 1.5 cm

Test Date: 10/26/2021; Ambient Temp: 20.5°C; Tissue Temp: 20.3°C

Probe: EX3DV4 - SN7558; ConvF(10.14, 10.14, 10.14) @ 846.6 MHz; Calibrated: 9/17/2021
Sensor-Surface: 1.4mm (Mechanical Surface Detection)
Electronics: DAE4 Sn1364; Calibrated: 9/13/2021
Phantom: Twin-SAM V5.0 (30); Type: QD 000 P40 CD; Serial: 1626
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 1 (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

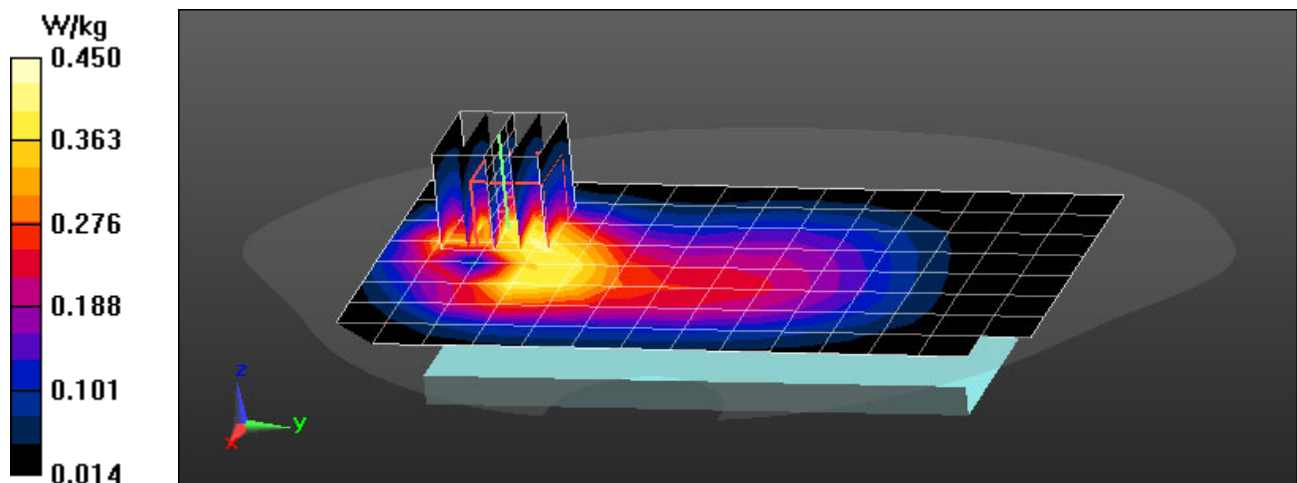
Reference Value = 18.11 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.539 W/kg

SAR(1 g) = 0.316 W/kg

Smallest distance from peaks to all points 3 dB below = 12.9 mm

Ratio of SAR at M2 to SAR at M1 = 59.6%



PCTEST

DUT: A3LSMS908E; Type: Portable Handset; Serial: 2007R

Communication System: UID 0, UMTS; Frequency: 836.6 MHz; Duty Cycle: 1:1
Medium: 835 Body; Medium parameters used (interpolated):
 $f = 836.6$ MHz; $\sigma = 1.019$ S/m; $\epsilon_r = 53.334$; $\rho = 1000$ kg/m³
Phantom section: Flat Section; Space: 1.0 cm

Test Date: 10/26/2021; Ambient Temp: 20.5°C; Tissue Temp: 20.3°C

Probe: EX3DV4 - SN7558; ConvF(10.14, 10.14, 10.14) @ 836.6 MHz; Calibrated: 9/17/2021
Sensor-Surface: 1.4mm (Mechanical Surface Detection)
Electronics: DAE4 Sn1364; Calibrated: 9/13/2021
Phantom: Twin-SAM V5.0 (30); Type: QD 000 P40 CD; Serial: 1626
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 1 (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

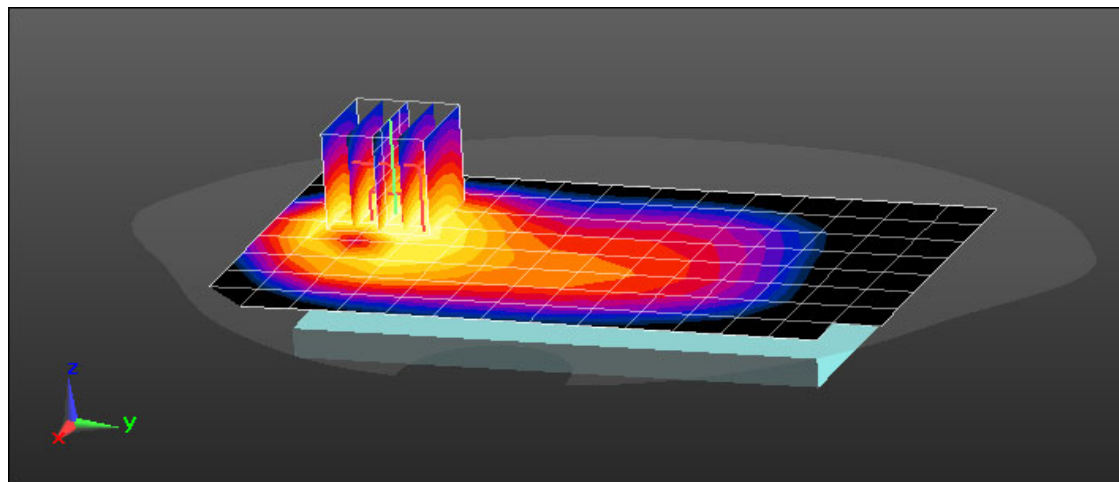
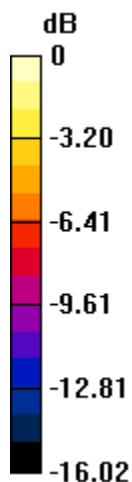
Reference Value = 24.79 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 1.04 W/kg

SAR(1 g) = 0.581 W/kg

Smallest distance from peaks to all points 3 dB below = 12.8 mm

Ratio of SAR at M2 to SAR at M1 = 57.6%



0 dB = 0.854 W/kg = -0.69 dBW/kg

PCTEST

DUT: A3LSMS908E; Type: Portable Handset; Serial: 2005R

Communication System: UID:10011 - CAB, WCDMA; MAIA: Y; Frequency: 1732.4 MHz

Medium: 1750 Body; Medium parameters used:

f = 1732.4 MHz; cond = 1.41 S/m; perm = 52.1; density = 1000 kg/m³

Phantom Section: Flat; Space: 15.00 mm

Test Date: 10/20/2021; Ambient Temp: 22.3°C; Tissue Temp: 21.1°C

Probe: EX3DV4 - SN7421; ConvF:(7.92,7.92,7.92); Calibrated: 2021-03-17

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

Electronics: DAE4 Sn604; Calibrated: 2021-08-02

Phantom: Twin-SAM V8.0; Serial: 1944

Measurement SW: DASY Module SAR V16.0.0.116

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

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

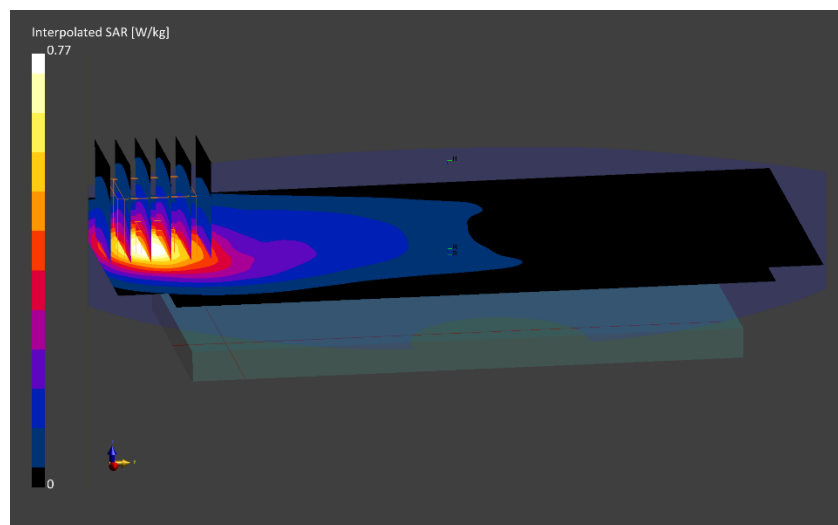
Reference Value = 0.45 W/kg; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 0.770 W/kg

SAR(1 g) = 0.484 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 = 86.3 %



PCTEST

DUT: A3LSMS908E; Type: Portable Handset; Serial: 2006R

Communication System: UID:10011 - CAB, WCDMA; MAIA: Y; Frequency: 1732.4 MHz

Medium: 1750 Body; Medium parameters used:

f = 1732.4 MHz; cond = 1.43 S/m; perm = 52.6; density = 1000 kg/m³

Phantom Section: Flat; Space: 10.00 mm

Test Date: 11/03/2021; Ambient Temp: 21.9°C; Tissue Temp: 21.4°C

Probe: EX3DV4 - SN7421; ConvF:(7.92,7.92,7.92); Calibrated: 2021-03-17

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

Electronics: DAE4 Sn604; Calibrated: 2021-08-02

Phantom: Twin-SAM V8.0; Serial: 1944

Measurement SW: DASY Module SAR V16.0.0.116

Mode: UMTS 1750, Body SAR. Bottom edge, Mid. 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

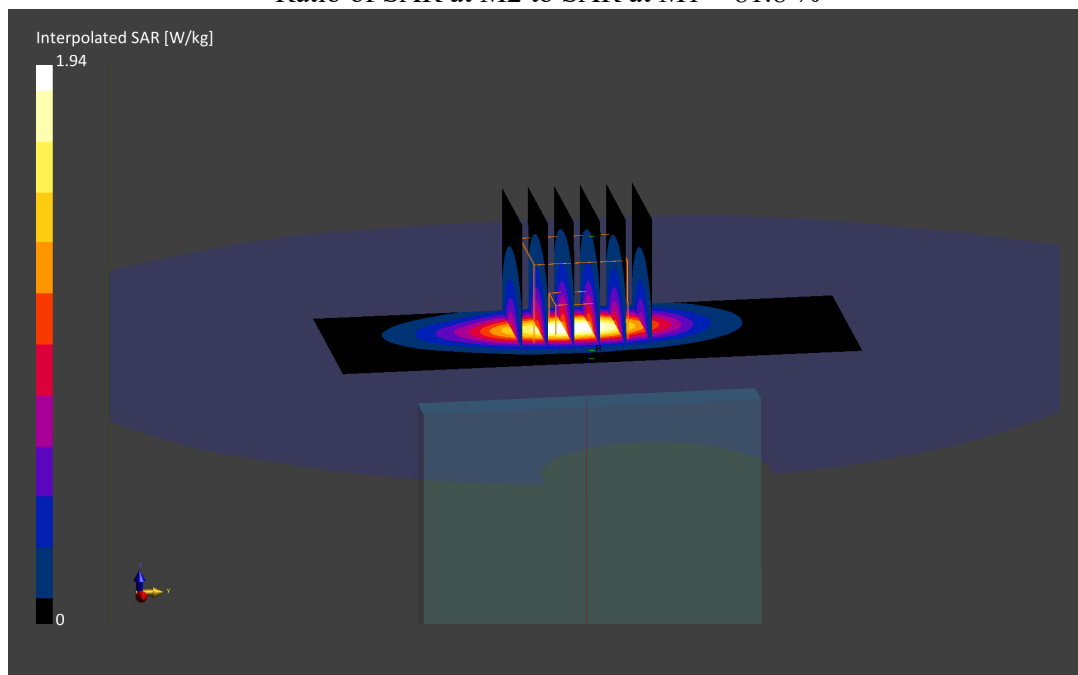
Reference Value = 0.99 W/kg; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 1.94 W/kg

SAR(1 g) = 1.08 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 = 81.8 %



PCTEST

DUT: A3LSMS908E; Type: Portable Handset; Serial: 2006R

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

Medium: 1900 Body; Medium parameters used:

$f = 1907.6$ MHz; $\text{cond} = 1.55$ S/m; $\text{perm} = 51.7$; $\text{density} = 1000$ kg/m³

Phantom Section: Flat; Space: 15.00 mm

Test Date: 10/22/2021; Ambient Temp: 22.7°C; Tissue Temp: 21.5°C

Probe: EX3DV4 - SN7421; ConvF:(7.72,7.72,7.72); Calibrated: 2021-03-17

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

Electronics: DAE4 Sn604; Calibrated: 2021-08-02

Phantom: Twin-SAM V8.0; Serial: 1944

Measurement SW: DASY Module SAR V16.0.0.116

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

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

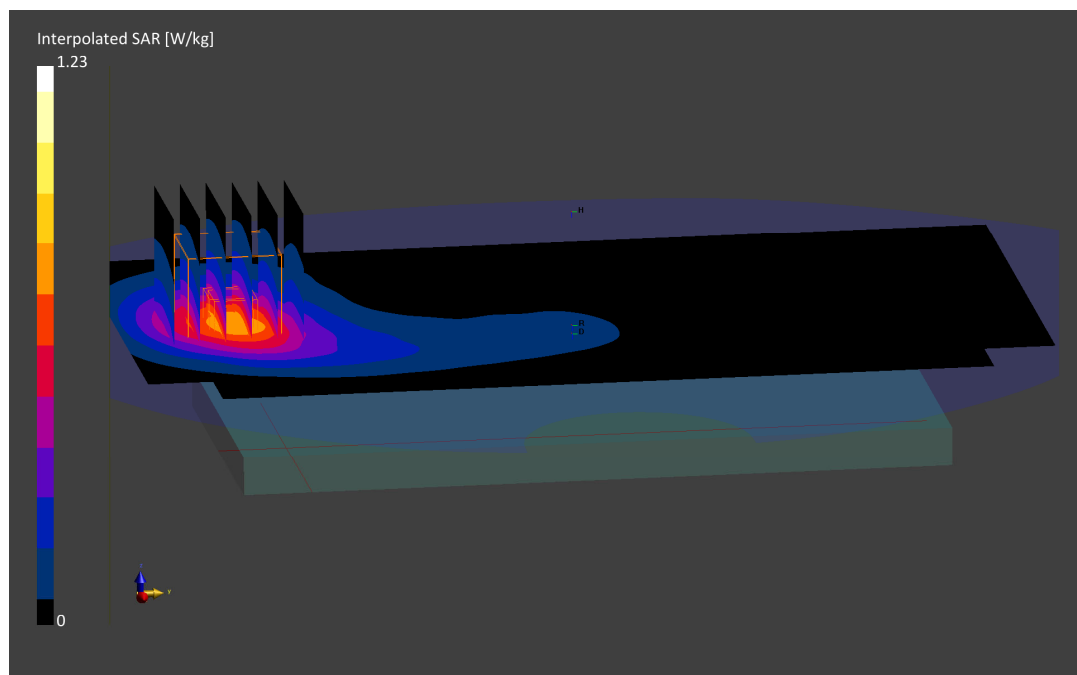
Reference Value = 0.64 W/kg; Power Drift = 0.00 dB

Peak SAR (extrapolated) = 1.23 W/kg

SAR(1 g) = 0.718 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 = 83.4 %



PCTEST

DUT: A3LSMS908E; Type: Portable Handset; Serial:2006R

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

Medium: 1900 Body; Medium parameters used:

f = 1907.6 MHz; cond = 1.52 S/m; perm = 52.4; density = 1000 kg/m³

Phantom Section: Flat; Space: 10.00 mm

Test Date: 11/10/2021; Ambient Temp: 23.1°C; Tissue Temp: 21.9°C

Probe: EX3DV4 - SN7421; ConvF:(7.72,7.72,7.72); Calibrated: 2021-03-17

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

Electronics: DAE4 Sn604; Calibrated: 2021-08-02

Phantom: Twin-SAM V8.0; Serial: 1944

Measurement SW: DASY Module SAR V16.0.0.116

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

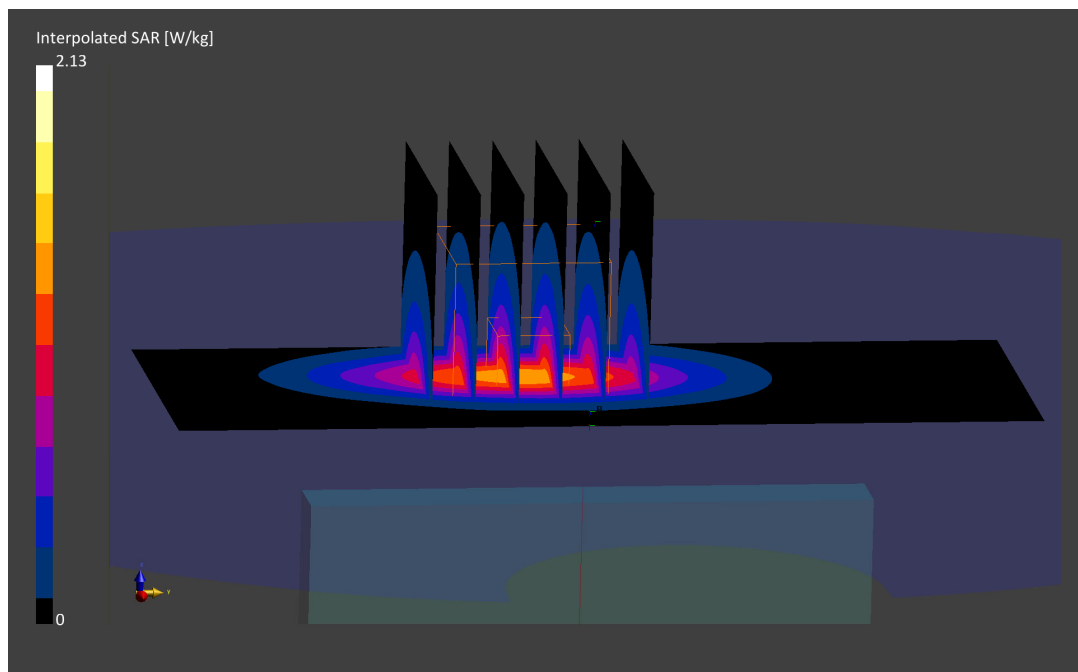
Reference Value = 1.03 W/kg; Power Drift = 0.00 dB

Peak SAR (extrapolated) = 2.13 W/kg

SAR(1 g) = 1.14 W/kg

Smallest distance from peaks to all points 3 dB below is 9.9 mm

Ratio of SAR at M2 to SAR at M1 = 79.8 %



PCTEST

DUT: A3LSMS908E; Type: Portable Handset; Serial: 1426M

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; $\sigma = 0.949$ S/m; $\epsilon_r = 55.514$; $\rho = 1000$ kg/m³
Phantom section: Flat Section; Space: 1.5 cm

Test Date: 10/26/2021; Ambient Temp: 21.0°C; Tissue Temp: 20.9°C

Probe: EX3DV4 - SN7640; ConvF(11.2, 11.2, 11.2) @ 707.5 MHz; Calibrated: 3/3/2021
Sensor-Surface: 1.4mm (Mechanical Surface Detection)
Electronics: DAE4 Sn1645; Calibrated: 1/11/2021
Phantom: Twin-SAM V8.0 (30); Type: QD 000 P41 AA; Serial: 1937
Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

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

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

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

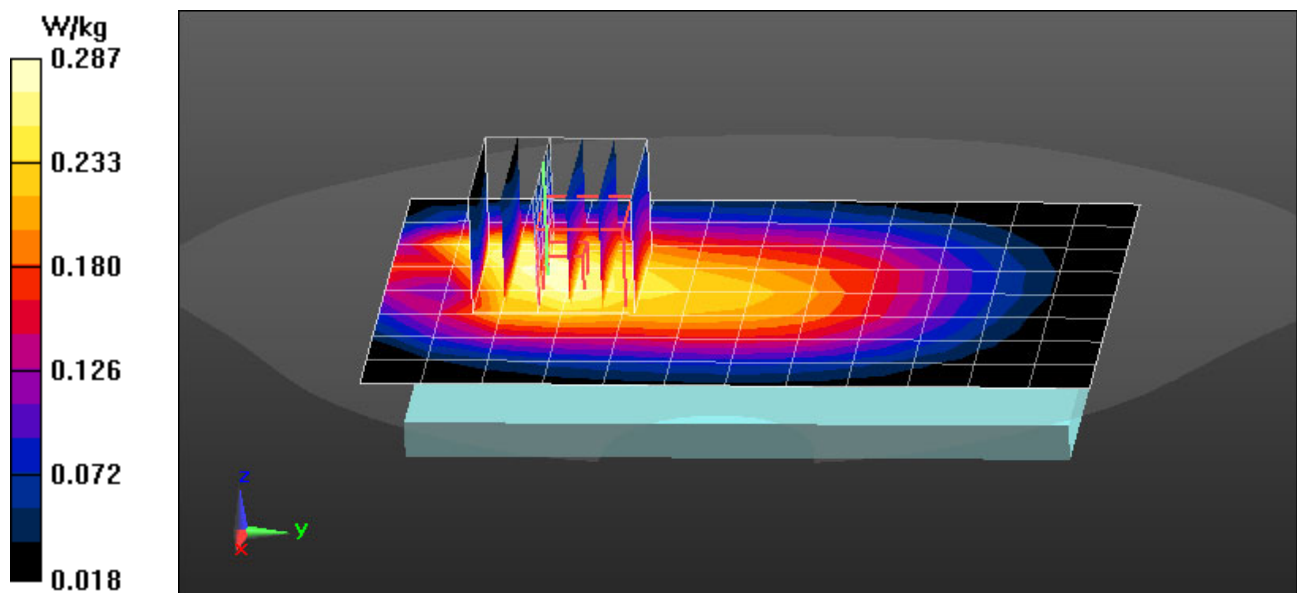
Reference Value = 15.59 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 0.333 W/kg

SAR(1 g) = 0.225 W/kg

Smallest distance from peaks to all points 3 dB below: Larger than measurement grid

Ratio of SAR at M2 to SAR at M1 = 68.1%



PCTEST

DUT: A3LSMS908E; Type: Portable Handset; Serial: 1426M

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; $\sigma = 0.949$ S/m; $\epsilon_r = 55.514$; $\rho = 1000$ kg/m³
Phantom section: Flat Section; Space: 1.0 cm

Test Date: 10/26/2021; Ambient Temp: 21.0°C; Tissue Temp: 20.9°C

Probe: EX3DV4 - SN7640; ConvF(11.2, 11.2, 11.2) @ 707.5 MHz; Calibrated: 3/3/2021
Sensor-Surface: 1.4mm (Mechanical Surface Detection)
Electronics: DAE4 Sn1645; Calibrated: 1/11/2021
Phantom: Twin-SAM V8.0 (30); Type: QD 000 P41 AA; Serial: 1937
Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

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

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

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

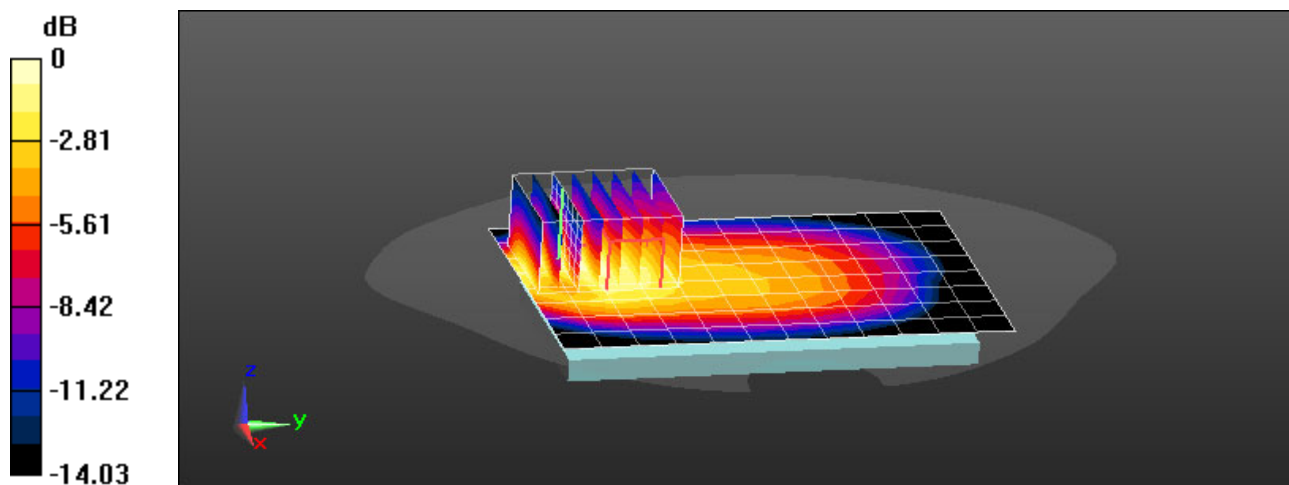
Reference Value = 19.82 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 0.610 W/kg

SAR(1 g) = 0.355 W/kg

Smallest distance from peaks to all points 3 dB below = 14.5 mm

Ratio of SAR at M2 to SAR at M1 = 57.9%



0 dB = 0.504 W/kg = -2.98 dBW/kg

PCTEST

DUT: A3LSMS908E; Type: Portable Handset; Serial: 1426M

Communication System: UID 0, LTE Band 13; Frequency: 782 MHz; Duty Cycle: 1:1
Medium: 750 Body; Medium parameters used (interpolated):
 $f = 782 \text{ MHz}$; $\sigma = 0.977 \text{ S/m}$; $\epsilon_r = 55.327$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Flat Section; Space: 1.5 cm

Test Date: 10/26/2021; Ambient Temp: 21.0°C; Tissue Temp: 20.9°C

Probe: EX3DV4 - SN7640; ConvF(11.2, 11.2, 11.2) @ 782 MHz; Calibrated: 3/3/2021
Sensor-Surface: 1.4mm (Mechanical Surface Detection)
Electronics: DAE4 Sn1645; Calibrated: 1/11/2021
Phantom: Twin-SAM V8.0 (30); Type: QD 000 P41 AA; Serial: 1937
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, 25 RB Offset**

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

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

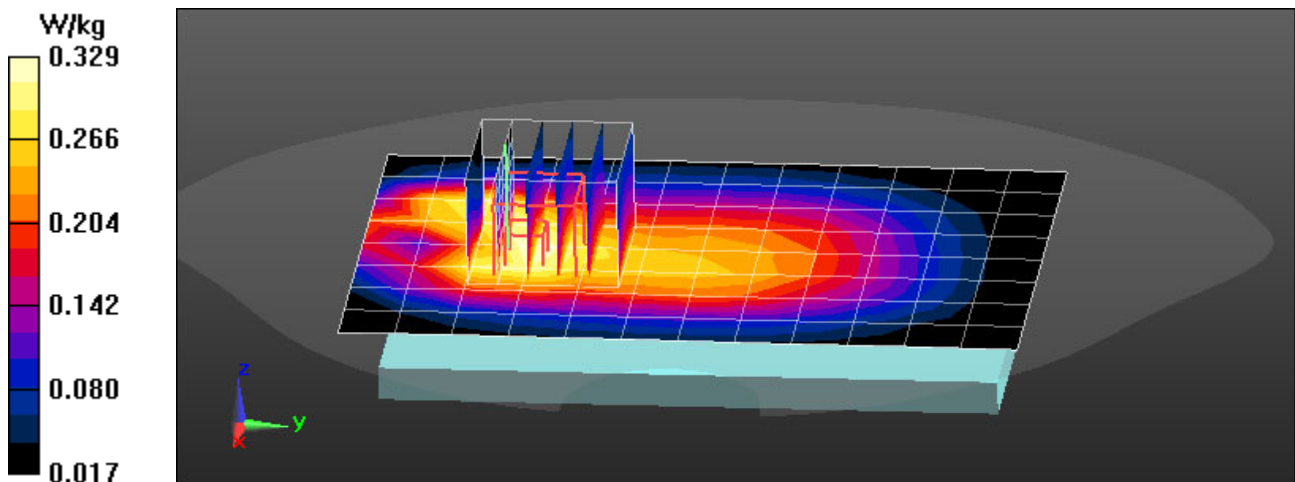
Reference Value = 16.68 V/m; Power Drift = 0.09 dB

Peak SAR (extrapolated) = 0.378 W/kg

SAR(1 g) = 0.268 W/kg

Smallest distance from peaks to all points 3 dB below: Larger than measurement grid

Ratio of SAR at M2 to SAR at M1 = 66.7%



PCTEST

DUT: A3LSMS908E; Type: Portable Handset; Serial: 1426M

Communication System: UID 0, LTE Band 13; Frequency: 782 MHz; Duty Cycle: 1:1
Medium: 750 Body; Medium parameters used (interpolated):
 $f = 782 \text{ MHz}$; $\sigma = 0.977 \text{ S/m}$; $\epsilon_r = 55.327$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Flat Section; Space: 1.0 cm

Test Date: 10/26/2021; Ambient Temp: 21.0°C; Tissue Temp: 20.9°C

Probe: EX3DV4 - SN7640; ConvF(11.2, 11.2, 11.2) @ 782 MHz; Calibrated: 3/3/2021
Sensor-Surface: 1.4mm (Mechanical Surface Detection)
Electronics: DAE4 Sn1645; Calibrated: 1/11/2021
Phantom: Twin-SAM V8.0 (30); Type: QD 000 P41 AA; Serial: 1937
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, 25 RB Offset**

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

Zoom Scan (6x7x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

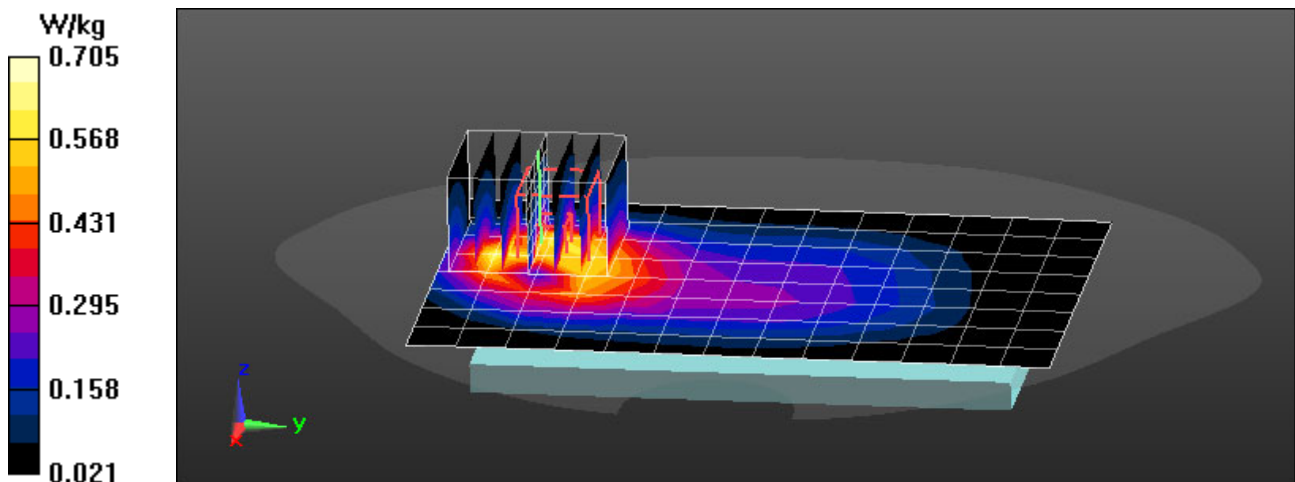
Reference Value = 22.19 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 0.877 W/kg

SAR(1 g) = 0.494 W/kg

Smallest distance from peaks to all points 3 dB below = 11.3 mm

Ratio of SAR at M2 to SAR at M1 = 58.4%



PCTEST

DUT: A3LSMS908E; Type: Portable Handset; Serial: 2007R

Communication System: UID 0, LTE Band 26; Frequency: 831.5 MHz; Duty Cycle: 1:1
Medium: 835 Body; Medium parameters used (interpolated):
 $f = 831.5 \text{ MHz}$; $\sigma = 1.017 \text{ S/m}$; $\epsilon_r = 53.348$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Flat Section; Space: 1.0 cm

Test Date: 10/26/2021; Ambient Temp: 20.5°C; Tissue Temp: 20.3°C

Probe: EX3DV4 - SN7558; ConvF(10.14, 10.14, 10.14) @ 831.5 MHz; Calibrated: 9/17/2021
Sensor-Surface: 1.4mm (Mechanical Surface Detection)
Electronics: DAE4 Sn1364; Calibrated: 9/13/2021
Phantom: Twin-SAM V5.0 (30); Type: QD 000 P40 CD; Serial: 1626
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 (9x13x1): Measurement grid: dx=15mm, dy=15mm

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

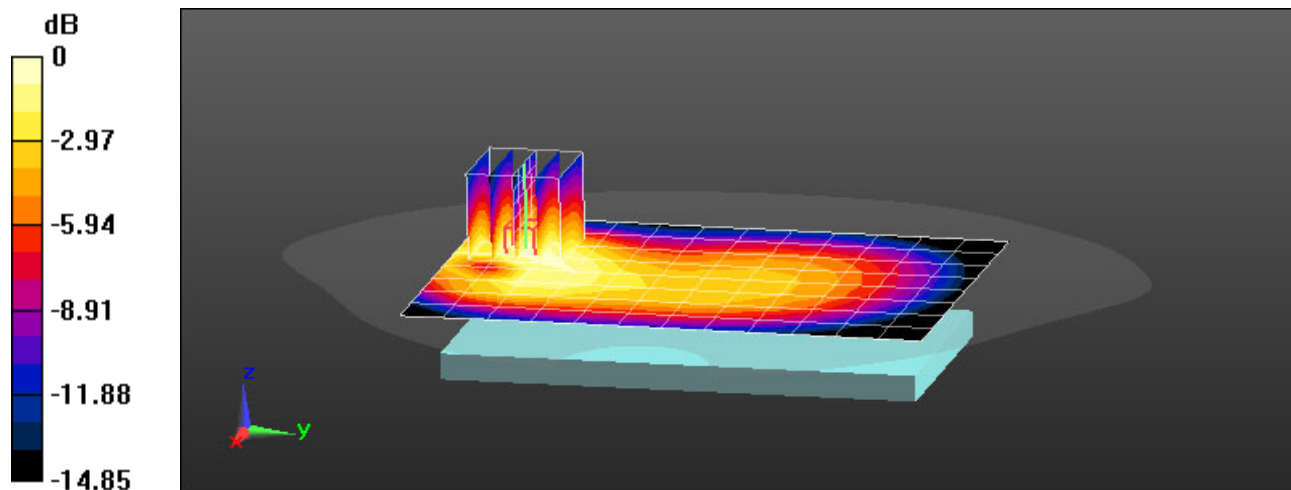
Reference Value = 18.00 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 0.513 W/kg

SAR(1 g) = 0.305 W/kg

Smallest distance from peaks to all points 3 dB below = 12.9 mm

Ratio of SAR at M2 to SAR at M1 = 60%



0 dB = 0.435 W/kg = -3.62 dBW/kg

PCTEST

DUT: A3LSMS908E; Type: Portable Handset; Serial: 2007R

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; $\sigma = 1.017$ S/m; $\epsilon_r = 53.348$; $\rho = 1000$ kg/m³
Phantom section: Flat Section; Space: 1.0 cm

Test Date: 10/26/2021; Ambient Temp: 20.5°C; Tissue Temp: 20.3°C

Probe: EX3DV4 - SN7558; ConvF(10.14, 10.14, 10.14) @ 831.5 MHz; Calibrated: 9/17/2021
Sensor-Surface: 1.4mm (Mechanical Surface Detection)
Electronics: DAE4 Sn1364; Calibrated: 9/13/2021
Phantom: Twin-SAM V5.0 (30); Type: QD 000 P40 CD; Serial: 1626
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 (9x13x1): Measurement grid: dx=15mm, dy=15mm

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

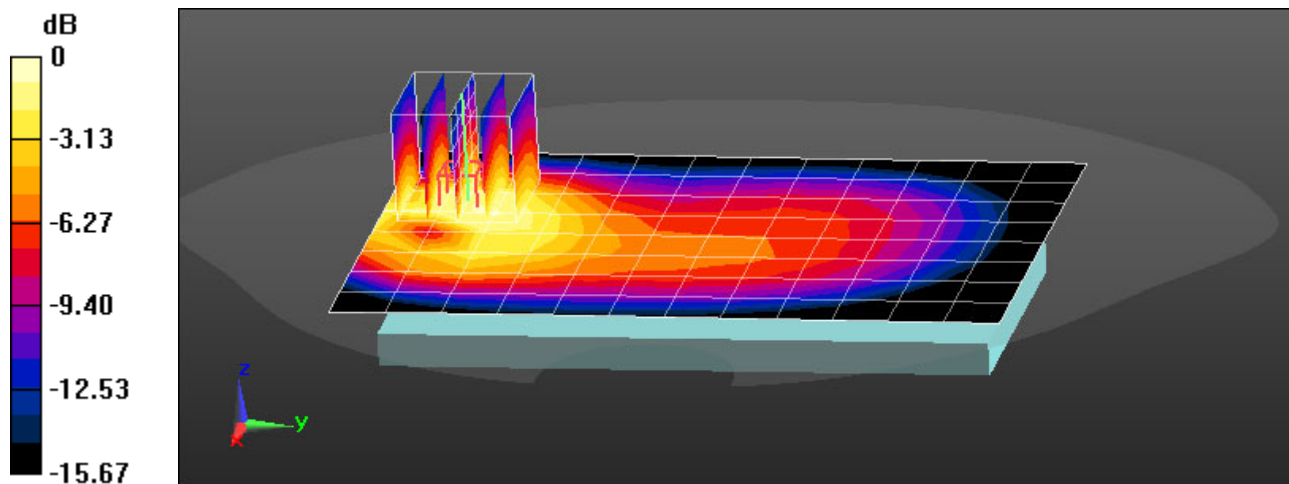
Reference Value = 25.38 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 1.09 W/kg

SAR(1 g) = 0.613 W/kg

Smallest distance from peaks to all points 3 dB below = 12.8 mm

Ratio of SAR at M2 to SAR at M1 = 57.8%



0 dB = 0.889 W/kg = -0.51 dBW/kg

PCTEST

DUT: A3LSMS908E; Type: Portable Handset; Serial: 1451M

Communication System: UID:10169 - CAE, LTE-FDD; MAIA: Y; Frequency: 1745.0 MHz

Medium: 1750 Body; Medium parameters used:

$f = 1745.0$ MHz; $\text{cond} = 1.47$ S/m; $\text{perm} = 51.9$; $\text{density} = 1000$ kg/m³

Phantom Section: Flat; Space: 15 mm

Test Date: 12/01/2021; Ambient Temp: 24.5°C; Tissue Temp: 22.7°C

Probe: EX3DV4 - SN3949; ConvF:(8.81,8.81,8.81); Calibrated: 2021-08-26

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

Electronics: DAE4 Sn1408; Calibrated: 2021-08-11

Phantom: Twin-SAM V8.0; Serial: 2027

Measurement SW: DASY Module SAR V16.0.0.116

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

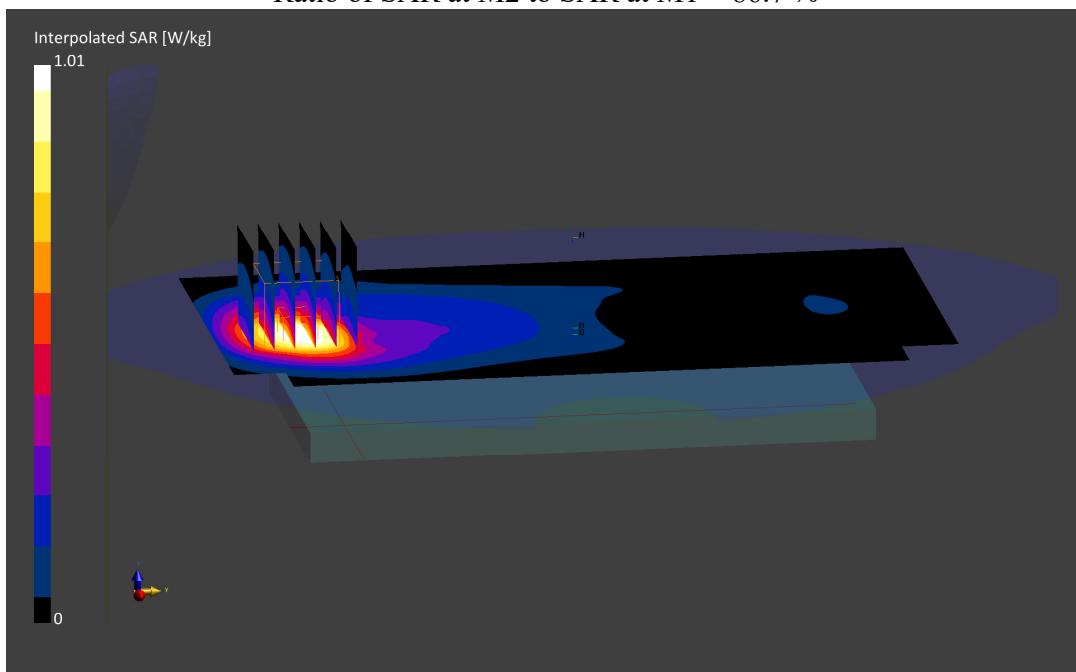
Reference Value = 0.62 W/kg; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 1.01 W/kg

SAR(1 g) = 0.630 W/kg

Smallest distance from peaks to all points 3 dB below is 13.2 mm

Ratio of SAR at M2 to SAR at M1 = 86.7 %



PCTEST

DUT: A3LSMS908E; Type: Portable Handset; Serial: 1445M

Communication System: UID:10297 - AAD, LTE-FDD; MAIA: Y; Frequency: 1770.0 MHz

Medium: 1750 Body; Medium parameters used:

f = 1770.0 MHz; cond = 1.46 S/m; perm = 52.4; density = 1000 kg/m³

Phantom Section: Flat; Space: 10.00 mm

Test Date: 11/19/2021; Ambient Temp: 20.9°C; Tissue Temp: 20.9°C

Probe: EX3DV4 - SN7416; ConvF:(7.7,7.7,7.7); Calibrated: 2021-05-18

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

Electronics: DAE4 Sn701; Calibrated: 2021-05-11

Phantom: Twin-SAM V8.0; Serial: 1357

Measurement SW: DASY Module SAR V16.0.0.116

**Mode: LTE Band 66 (AWS), Body SAR, Bottom Edge, 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=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

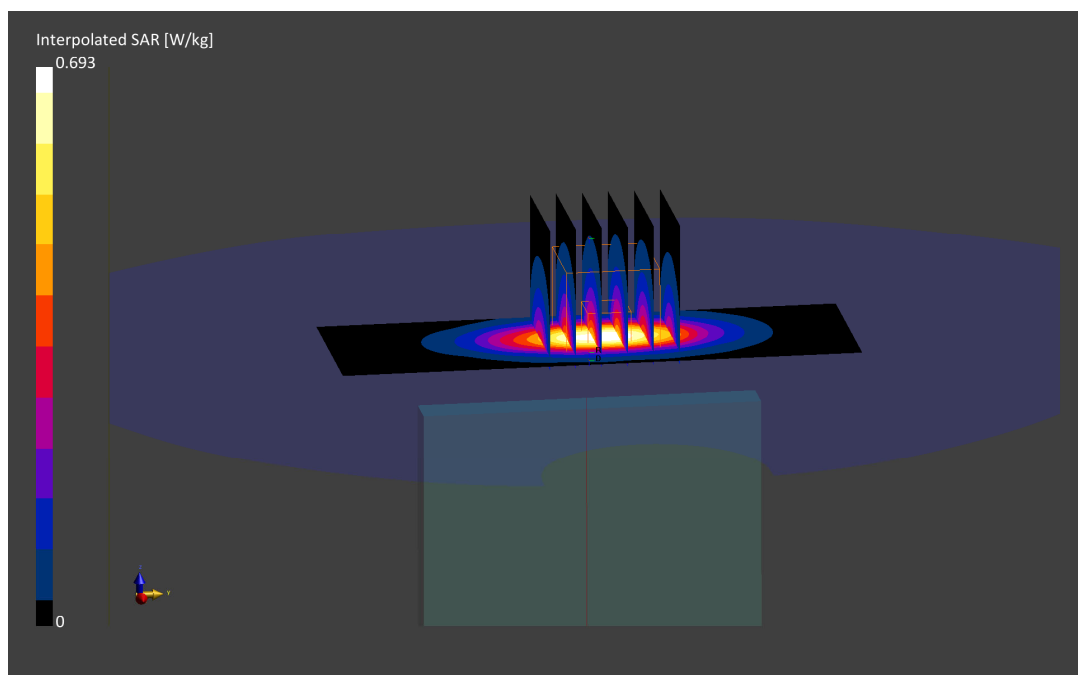
Reference Value = 0.58 W/kg; Power Drift = 0.00 dB

Peak SAR (extrapolated) = 0.693 W/kg

SAR(1 g) = 0.409 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 = 84.6 %



PCTEST

DUT: A3LSMS908E; Type: Portable Handset; Serial: 2674M

Communication System: UID:10169 - CAE, LTE-FDD; MAIA: Y; Frequency: 1732.5 MHz

Medium: 1750 Body; Medium parameters used:

$f = 1732.5$ MHz; $\text{cond} = 1.42$ S/m; $\text{perm} = 52.3$; $\text{density} = 1000$ kg/m³

Phantom Section: Flat; Space: 15.00 mm

Test Date: 11/29/2021; Ambient Temp: 21.4°C; Tissue Temp: 20.5°C

Probe: EX3DV4 - SN7416; ConvF:(7.7,7.7,7.7); Calibrated: 2021-05-18

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

Electronics: DAE4 Sn701; Calibrated: 2021-05-11

Phantom: Twin-SAM V8.0; Serial: 1357

Measurement SW: DASY Module SAR V16.0.0.116

**Mode: LTE Band 4, Antenna J, Body SAR , Back side, Mid.ch, 20 MHz Bandwidth,
QPSK, 1 RB, 99 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

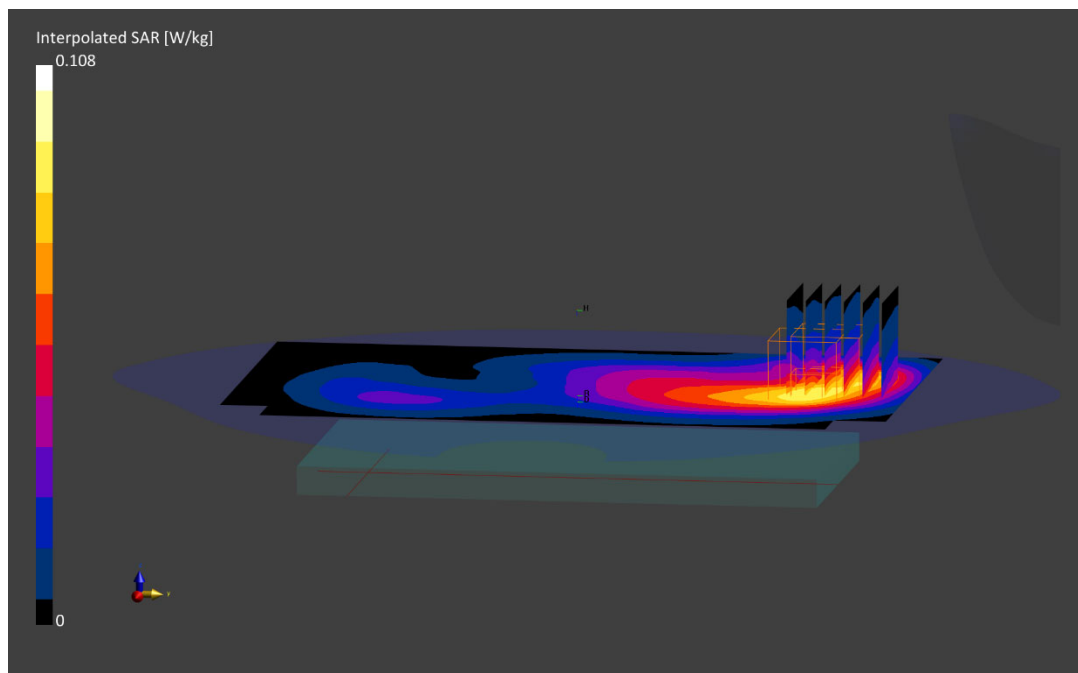
Reference Value = 0.09 W/kg; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 0.108 W/kg

SAR(1 g) = 0.070 W/kg

Smallest distance from peaks to all points 3 dB below is > 15.0 mm

Ratio of SAR at M2 to SAR at M1 = 86.7 %



PCTEST

DUT: A3LSMS908E; Type: Portable Handset; Serial: 2674M

Communication System: UID:10169 - CAE, LTE-FDD; MAIA: Y; Frequency: 1732.5 MHz

Medium: 1750 Body; Medium parameters used:

$f = 1732.5$ MHz; $\text{cond} = 1.42$ S/m; $\text{perm} = 52.3$; $\text{density} = 1000$ kg/m³

Phantom Section: Flat; Space: 10.00 mm

Test Date: 11/29/2021; Ambient Temp: 21.4°C; Tissue Temp: 20.5°C

Probe: EX3DV4 - SN7416; ConvF:(7.7,7.7,7.7); Calibrated: 2021-05-18

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

Electronics: DAE4 Sn701; Calibrated: 2021-05-11

Phantom: Twin-SAM V8.0; Serial: 1357

Measurement SW: DASY Module SAR V16.0.0.116

**Mode: LTE Band 4, Antenna J, Body SAR , Top edge, Mid.ch, 20 MHz Bandwidth,
QPSK, 1 RB, 50 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

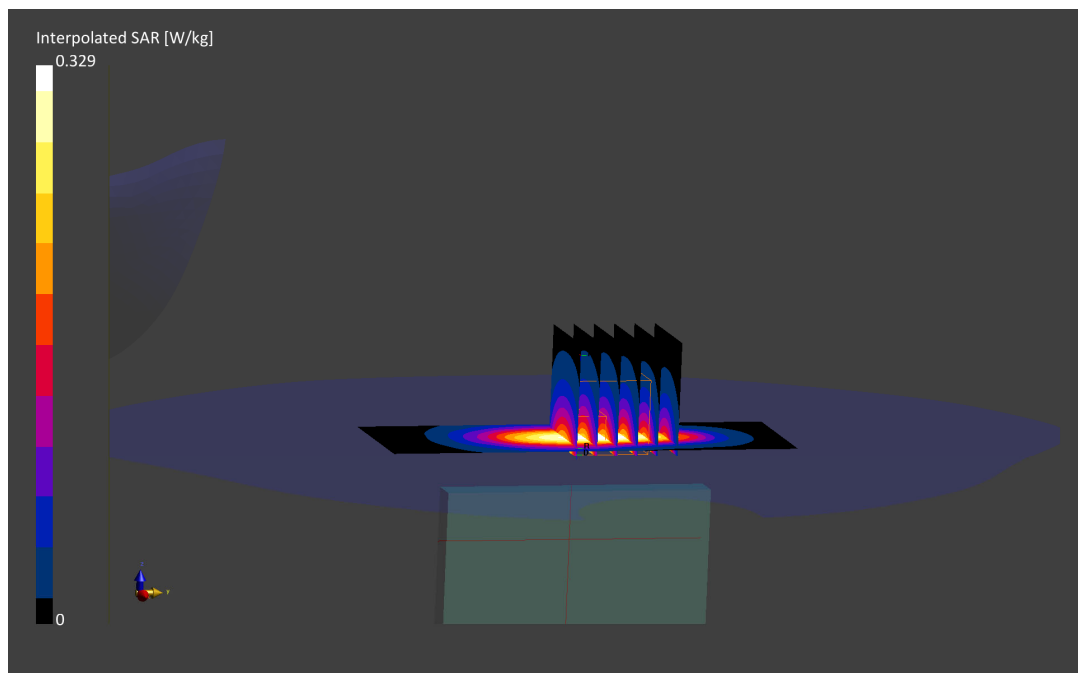
Reference Value = 0.27 W/kg; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 0.329 W/kg

SAR(1 g) = 0.198 W/kg

Smallest distance from peaks to all points 3 dB below is 9.9 mm

Ratio of SAR at M2 to SAR at M1 = 83.6 %



PCTEST

DUT: A3LSMS908E; Type: Portable Handset; Serial: 1445M

Communication System: UID:10169 - CAE, LTE-FDD; MAIA: Y; Frequency: 1905.0 MHz

Medium: 1900 Body; Medium parameters used:

f = 1905.0 MHz; cond = 1.55 S/m; perm = 52.3; density = 1000 kg/m³

Phantom Section: Flat; Space: 15.00 mm

Test Date: 11/19/2021; Ambient Temp: 20.9°C; Tissue Temp: 20.9°C

Probe: EX3DV4 - SN7416; ConvF:(7.56,7.56,7.56); Calibrated: 2021-05-18

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

Electronics: DAE4 Sn701; Calibrated: 2021-05-11

Phantom: Twin-SAM V8.0; Serial: 1357

Measurement SW: DASY Module SAR V16.0.0.116

**Mode: LTE Band 25, Body SAR , Back side, High.ch, 20 MHz Bandwidth,
QPSK, 1 RB, 50 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

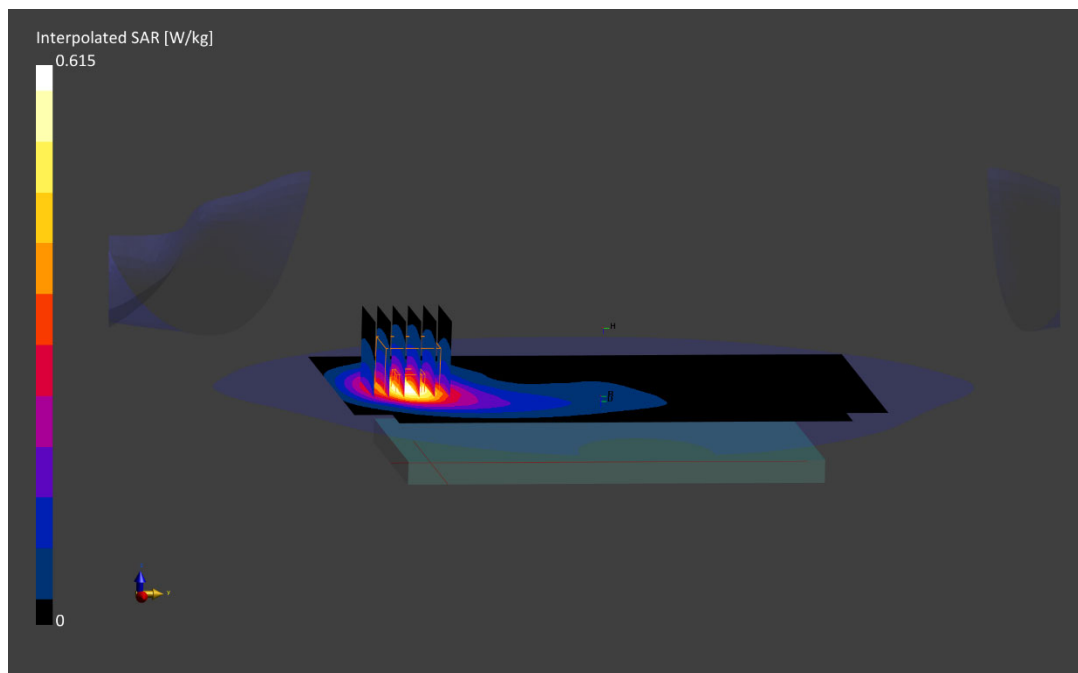
Reference Value = 0.52 W/kg; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 0.615 W/kg

SAR(1 g) = 0.384 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 = 86.8 %



PCTEST

DUT: A3LSMS908E; Type: Portable Handset; Serial: 1445M

Communication System: UID:10169 - CAE, LTE-FDD; MAIA: Y; Frequency: 1905.0 MHz

Medium: 1900 Body; Medium parameters used:

f = 1905.0 MHz; cond = 1.57 S/m; perm = 52.2; density = 1000 kg/m³

Phantom Section: Flat; Space: 10.00 mm

Test Date: 11/16/2021; Ambient Temp: 22.5°C; Tissue Temp: 21.2°C

Probe: EX3DV4 - SN7416; ConvF:(7.56,7.56,7.56); Calibrated: 2021-05-18

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

Electronics: DAE4 Sn701; Calibrated: 2021-05-11

Phantom: Twin-SAM V8.0; Serial: 1357

Measurement SW: DASY Module SAR V16.0.0.116

**Mode: LTE Band 25, Body SAR , Bottom edge, High.ch, 20 MHz Bandwidth,
QPSK, 1 RB, 50 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

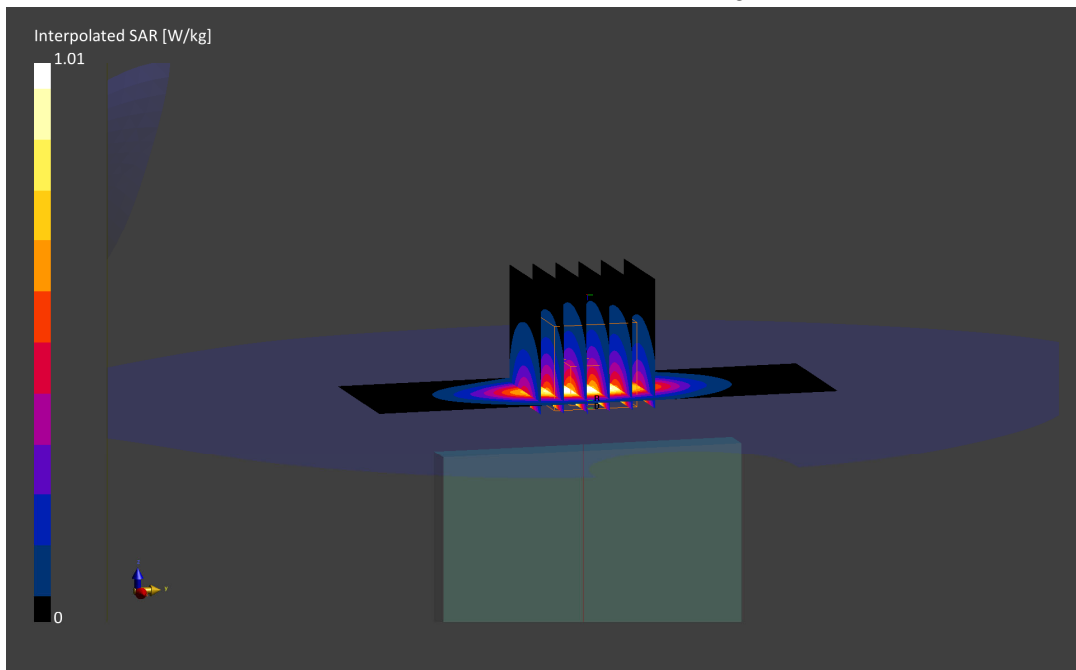
Reference Value = 0.84 W/kg; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 1.02 W/kg

SAR(1 g) = 0.588 W/kg

Smallest distance from peaks to all points 3 dB below is 10.8 mm

Ratio of SAR at M2 to SAR at M1 = 84.1 %



PCTEST

DUT: A3LSMS908E; Type: Portable Handset; Serial: 1445M

Communication System: UID:10169 - CAE, LTE-FDD; MAIA: Y; Frequency: 1900.0 MHz

Medium: 1900 Body; Medium parameters used:

f = 1900.0 MHz; cond = 1.49 S/m; perm = 53.2; density = 1000 kg/m³

Phantom Section: Flat; Space: 15.00 mm

Test Date: 11/29/2021; Ambient Temp: 22.7°C; Tissue Temp: 21.2°C

Probe: EX3DV4 - SN7421; ConvF:(7.72,7.72,7.72); Calibrated: 2021-03-17

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

Electronics: DAE4 Sn604; Calibrated: 2021-08-02

Phantom: Twin-SAM V8.0; Serial: 1944

Measurement SW: DASY Module SAR V16.0.0.116

**Mode: LTE Band 2, Body SAR, Back side, High.ch, 20 MHz Bandwidth,
QPSK, 1 RB, 50 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

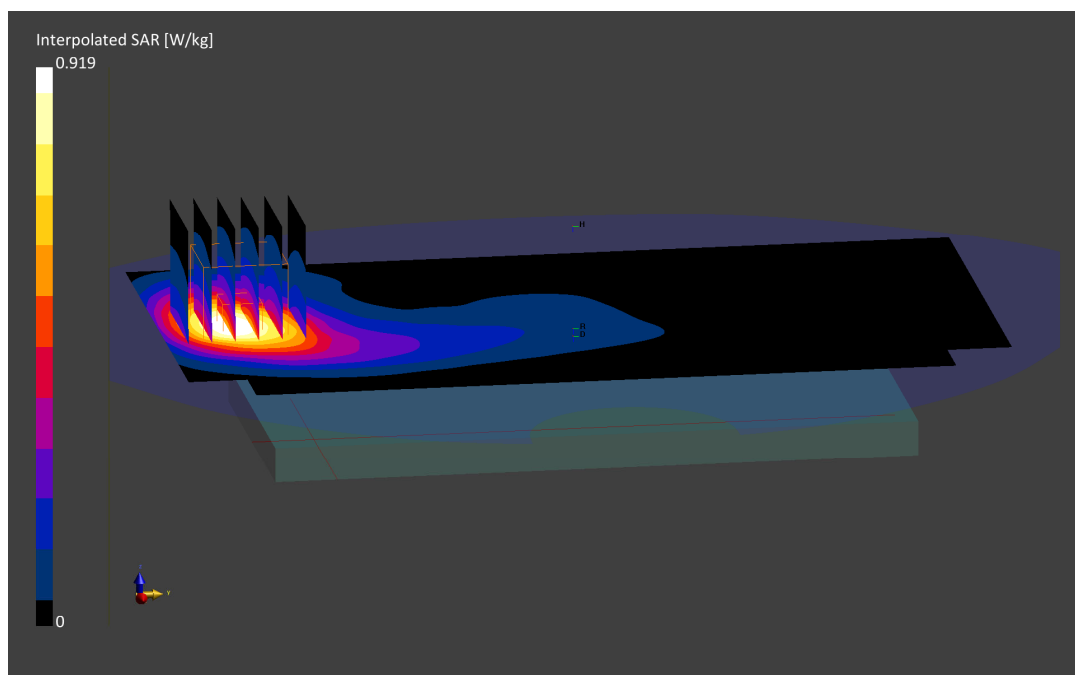
Reference Value = 0.50 W/kg; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.919 W/kg

SAR(1 g) = 0.545 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 = 83.8 %



PCTEST

DUT: A3LSMS908E; Type: Portable Handset; Serial: 1445M

Communication System: UID:10169 - CAE, LTE-FDD; MAIA: Y; Frequency: 1880.0 MHz

Medium: 1900 Body; Medium parameters used:

f = 1880.0 MHz; cond = 1.56 S/m; perm = 52.2; density = 1000 kg/m³

Phantom Section: Flat; Space: 10.00 mm

Test Date: 11/16/2021; Ambient Temp: 22.5°C; Tissue Temp: 21.2°C

Probe: EX3DV4 - SN7416; ConvF:(7.56,7.56,7.56); Calibrated: 2021-05-18

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

Electronics: DAE4 Sn701; Calibrated: 2021-05-11

Phantom: Twin-SAM V8.0; Serial: 1357

Measurement SW: DASY Module SAR V16.0.0.116

**Mode: LTE Band 2, Body SAR, Bottom edge, Mid.ch, 20 MHz Bandwidth,
QPSK, 1 RB, 50 RB Offset**

Area Scan (54.0 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

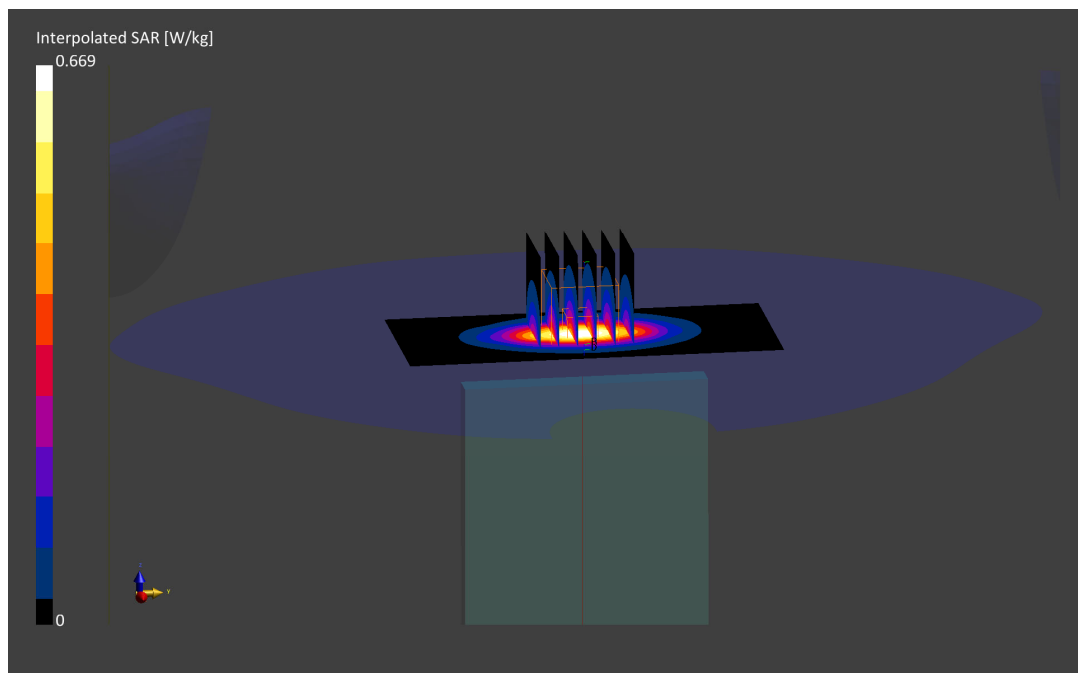
Reference Value = 0.54 W/kg; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 0.669 W/kg

SAR(1 g) = 0.384 W/kg

Smallest distance from peaks to all points 3 dB below is 10.8 mm

Ratio of SAR at M2 to SAR at M1 = 83.6 %



PCTEST

DUT: A3LSMS908E; Type: Portable Handset; Serial: 2003R

Communication System: UID:10172 - CAG, LTE-TDD; MAIA: Y; Frequency: 2506.0 MHz

Medium: 2450 Body; Medium parameters used:

f = 2506.0 MHz; cond = 2.09 S/m; perm = 51.5; density = 1000 kg/m³

Phantom Section: Flat; Space: 15.00 mm

Test Date: 10/18/2021; Ambient Temp: 22.9°C; Tissue Temp: 21.7°C

Probe: EX3DV4 - SN7416; ConvF:(7.36,7.36,7.36); Calibrated: 2021-05-18

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

Electronics: DAE4 Sn701; Calibrated: 2021-05-11

Phantom: Twin-SAM V8.0; Serial: 1357

Measurement SW: DASY Module SAR V16.0.0.116

**Mode: LTE Band 41, PC2, Body SAR, Back Side, Low.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=5.0 mm, dy=5.0 mm, dz=1.5 mm; Graded Ratio: 1.5

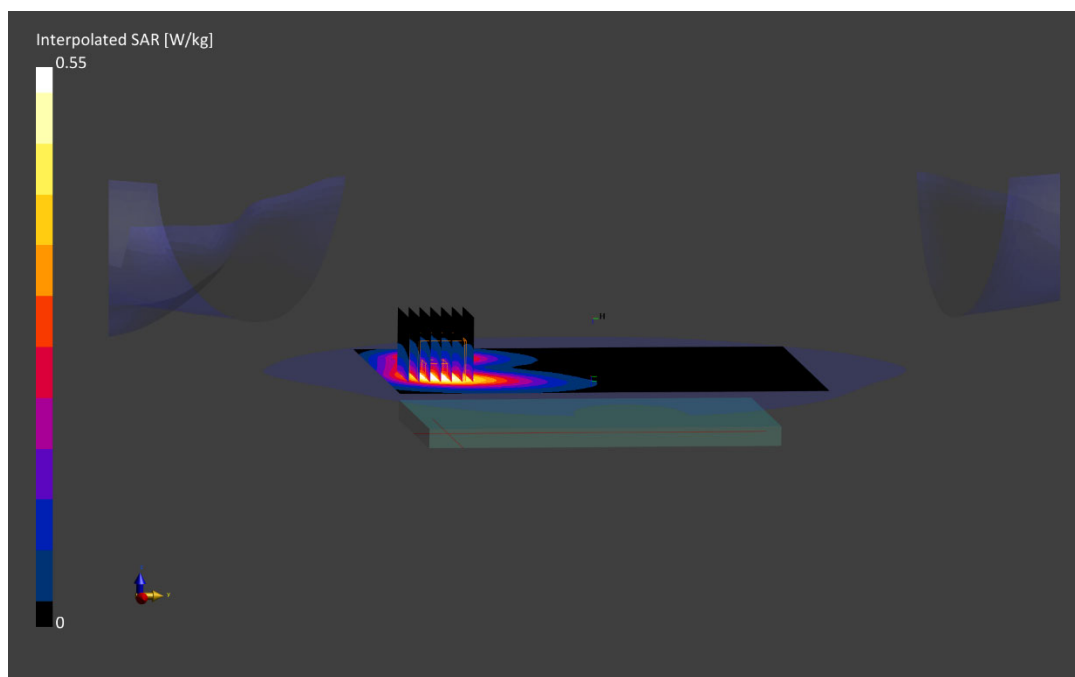
Reference Value = 0.53 W/kg; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 0.550 W/kg

SAR(1 g) = 0.312 W/kg

Smallest distance from peaks to all points 3 dB below is 17.5 mm

Ratio of SAR at M2 to SAR at M1 = 83.0 %



PCTEST

DUT: A3LSMS908E; Type: Portable Handset; Serial: 2003R

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

Medium: 2450 Body; Medium parameters used:

f = 2506.0 MHz; cond = 2.09 S/m; perm = 51.7; density = 1000 kg/m³

Phantom Section: Flat; Space: 10.00 mm

Test Date: 10/20/2021; Ambient Temp: 23.6°C; Tissue Temp: 21.2°C

Probe: EX3DV4 - SN7416; ConvF:(7.36,7.36,7.36); Calibrated: 2021-05-18

Sensor-Surface: 1.4mm (All points)

Electronics: DAE4 Sn701; Calibrated: 2021-05-11

Phantom: Twin-SAM V8.0; Serial: 1357

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, 0 RB Offset**

Area Scan (54.0 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

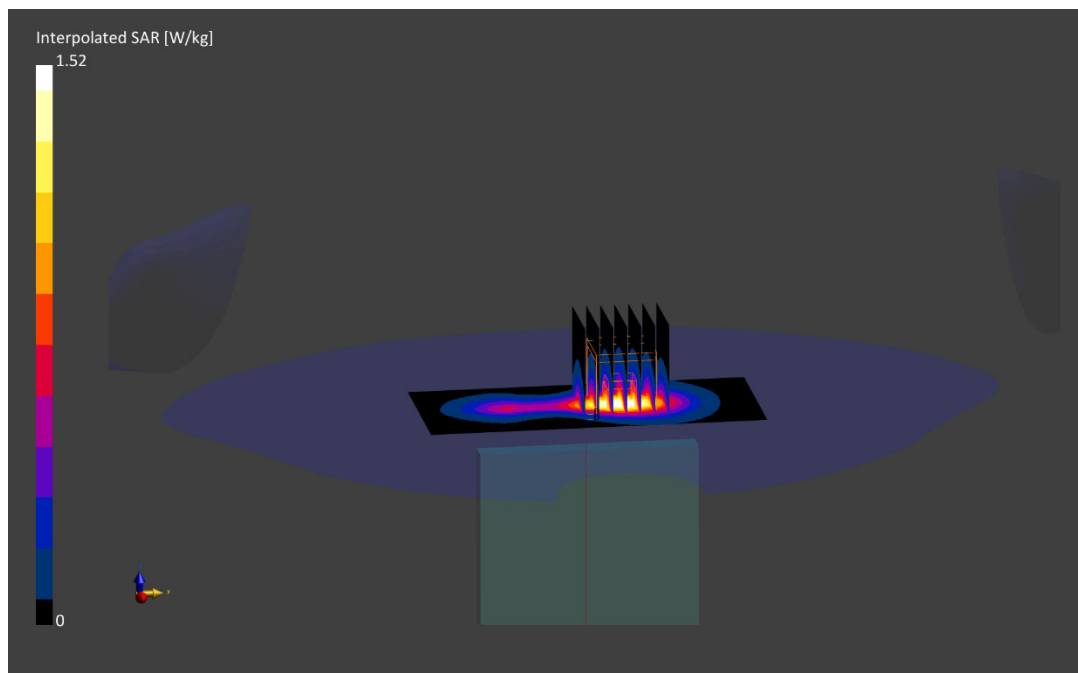
Reference Value = 1.44 W/kg; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 1.52 W/kg

SAR(1 g) = 0.797 W/kg

Smallest distance from peaks to all points 3 dB below is 10.8 mm

Ratio of SAR at M2 to SAR at M1 = 82.2 %



PCTEST

DUT: A3LSMS908E; Type: Portable Handset; Serial: 1423M

Communication System: UID:10939 - AAB, 5G NR FR1 FDD; MAIA: Y; Frequency: 836.5 MHz

Medium: 835 Body; Medium parameters used:

f = 836.5 MHz; cond = 0.962 S/m; perm = 53.8; density = 1000 kg/m³

Phantom Section: Flat; Space: 15.00 mm

Test Date: 11/24/2021; Ambient Temp: 19.3°C; Tissue Temp: 19.2°C

Probe: EX3DV4 - SN3949; ConvF:(10.18,10.18,10.18); Calibrated: 2021-08-26

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

Electronics: DAE4 Sn1408; Calibrated: 2021-08-11

Phantom: Twin-SAM V8.0; Serial: 2027

Measurement SW: DASY Module SAR V16.0.0.116

Mode: NR Band n5, Body SAR, Back side, 20 MHz Bandwidth, DFT-s-OFDM QPSK, Ch. 167300, 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

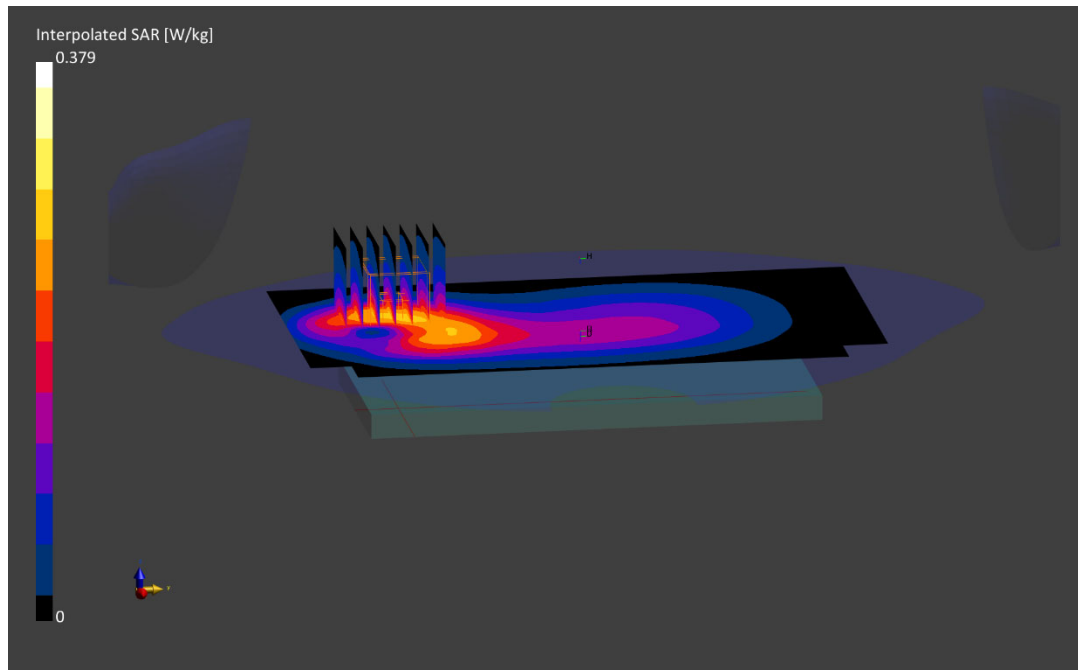
Reference Value = 0.13 W/kg; Power Drift = 0.00 dB

Peak SAR (extrapolated) = 0.379 W/kg

SAR(1 g) = 0.234 W/kg

Smallest distance from peaks to all points 3 dB below is 13.4 mm

Ratio of SAR at M2 to SAR at M1 = 85.3 %



PCTEST

DUT: A3LSMS908E; Type: Portable Handset; Serial: 1423M

Communication System: UID:10939 - AAB, 5G NR FR1 FDD; MAIA: Y; Frequency: 836.5 MHz

Medium: 835 Body; Medium parameters used:

$f = 836.5$ MHz; $\text{cond} = 0.962$ S/m; $\text{perm} = 53.8$; $\text{density} = 1000$ kg/m³

Phantom Section: Flat; Space: 10.00 mm

Test Date: 11/24/2021; Ambient Temp: 19.3°C; Tissue Temp: 19.2°C

Probe: EX3DV4 - SN3949; ConvF:(10.18,10.18,10.18); Calibrated: 2021-08-26

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

Electronics: DAE4 Sn1408; Calibrated: 2021-08-11

Phantom: Twin-SAM V8.0; Serial: 2027

Measurement SW: DASY Module SAR V16.0.0.116

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

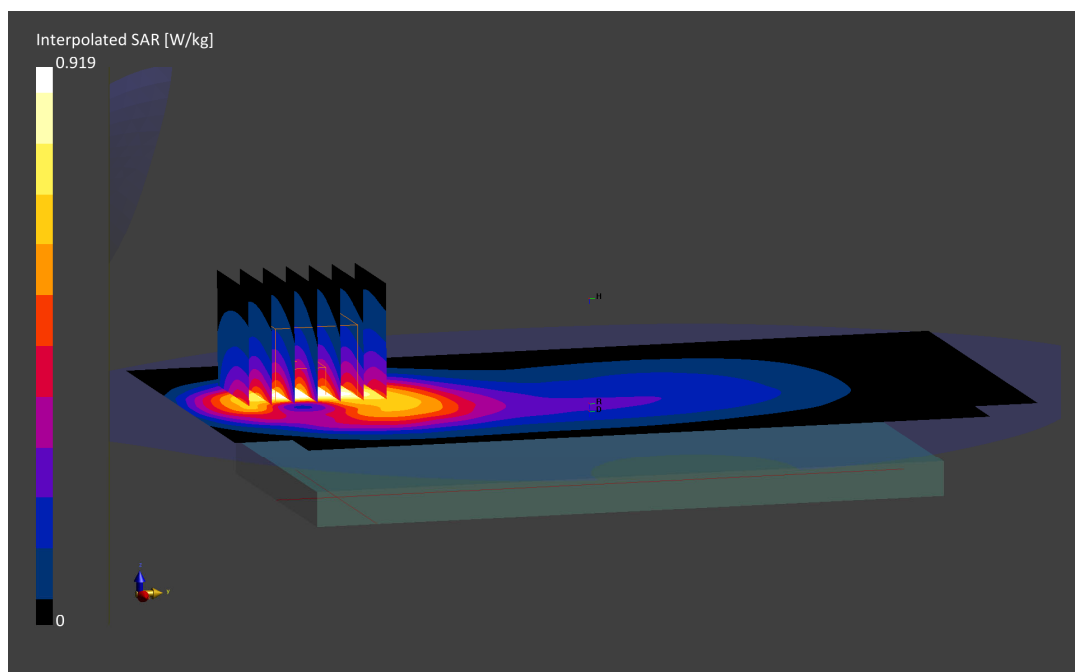
Reference Value = 0.53 W/kg; Power Drift = 0.00 dB

Peak SAR (extrapolated) = 0.919 W/kg

SAR(1 g) = 0.536 W/kg

Smallest distance from peaks to all points 3 dB below is 12.0 mm

Ratio of SAR at M2 to SAR at M1 = 82.0 %



PCTEST

DUT: A3LSMS908E; Type: Portable Handset; Serial: 1424M

Communication System: UID:10939 - AAB, 5G NR FR1 FDD; MAIA: Y; Frequency: 1770.0 MHz

Medium: 1750 Body; Medium parameters used:

$f = 1770.0$ MHz; $\text{cond} = 1.48$ S/m; $\text{perm} = 52.3$; $\text{density} = 1000$ kg/m³

Phantom Section: Flat; Space: 15.00 mm

Test Date: 11/16/2021; Ambient Temp: 22.5°C; Tissue Temp: 21.2°C

Probe: EX3DV4 - SN7416; ConvF:(7.7,7.7,7.7); Calibrated: 2021-05-18

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

Electronics: DAE4 Sn701; Calibrated: 2021-05-11

Phantom: Twin-SAM V8.0; Serial: 1357

Measurement SW: DASY Module SAR V16.0.0.116

**Mode: NR Band n66, Body SAR, Back Side, Antenna A 20 MHz Bandwidth,
Ch. 354000, 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

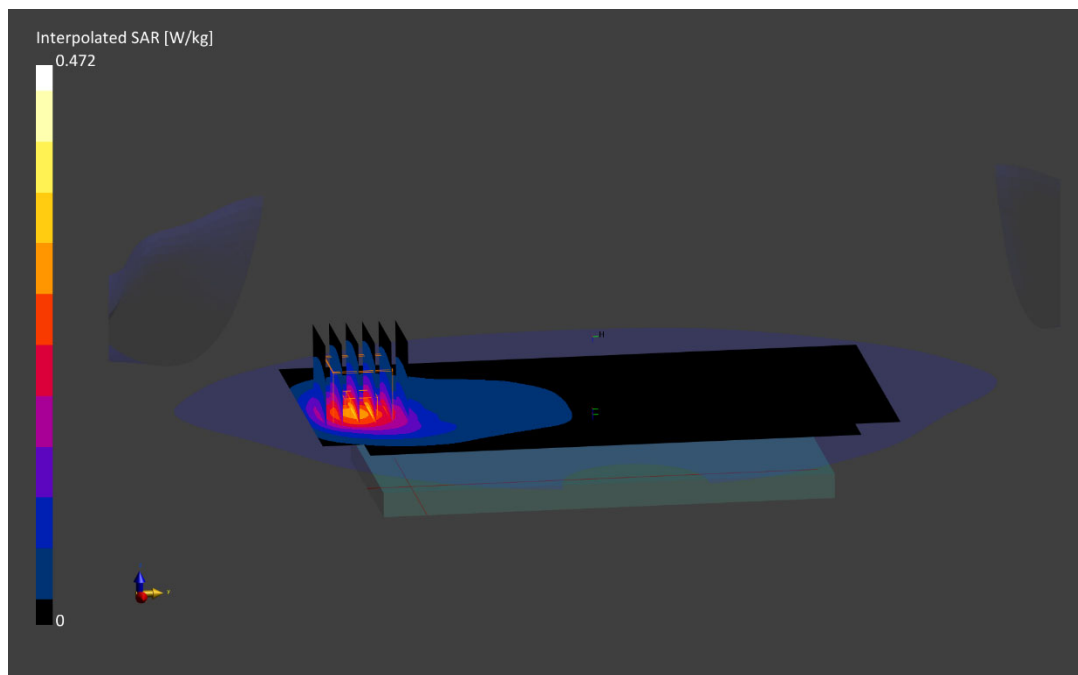
Reference Value = 0.41 W/kg; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 0.472 W/kg

SAR(1 g) = 0.301 W/kg

Smallest distance from peaks to all points 3 dB below is 12.1 mm

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



PCTEST

DUT: A3LSMS908E; Type: Portable Handset; Serial: 1424M

Communication System: UID:10931 - AAB, 5G NR FR1 FDD; MAIA: Y; Frequency: 1770.0 MHz

Medium: 1750 Body; Medium parameters used:

f = 1770.0 MHz; cond = 1.48 S/m; perm = 52.3; density = 1000 kg/m³

Phantom Section: Flat; Space: 10.00 mm

Test Date: 11/16/2021; Ambient Temp: 22.5°C; Tissue Temp: 21.2°C

Probe: EX3DV4 - SN7416; ConvF:(7.7,7.7,7.7); Calibrated: 2021-05-18

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

Electronics: DAE4 Sn701; Calibrated: 2021-05-11

Phantom: Twin-SAM V8.0; Serial: 1357

Measurement SW: DASY Module SAR V16.0.0.116

**Mode: NR Band n66, Body SAR, Bottom Edge, 20 MHz Bandwidth,
Ch. 354000, DFT-s-OFDM QPSK, 1 RB, 104 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

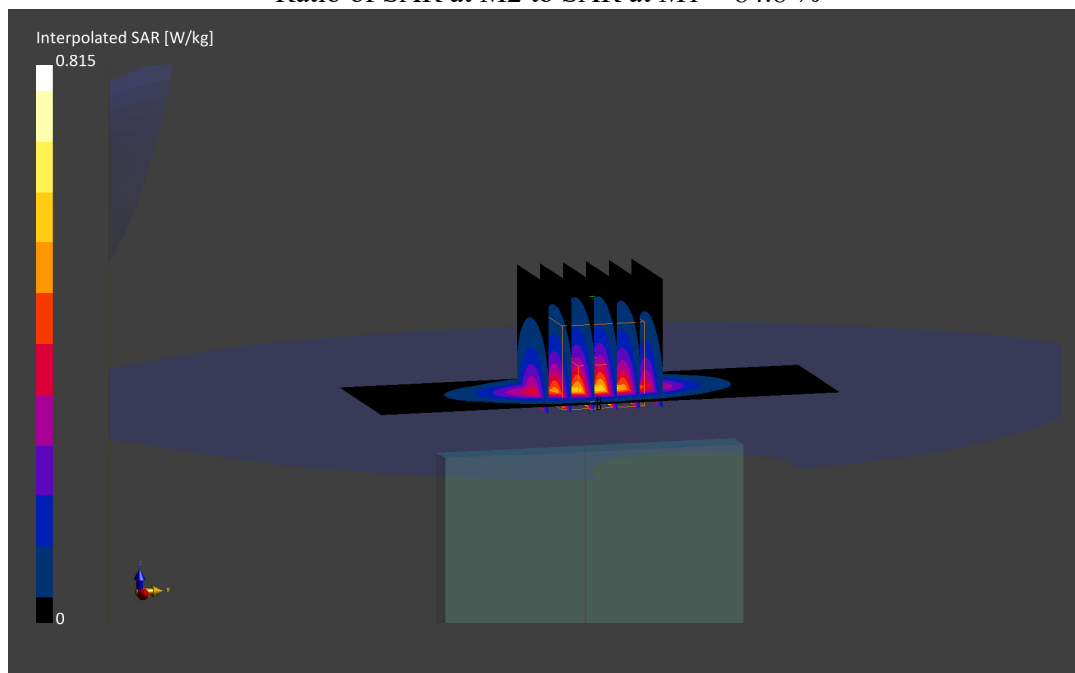
Reference Value = 0.69 W/kg; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 0.814 W/kg

SAR(1 g) = 0.481 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 = 84.8 %



PCTEST

DUT: A3LSMS908E; Type: Portable Handset; Serial: 0841M

Communication System: UID:10415 - AAA, WLAN; MAIA: Y; Frequency: 2437.0 MHz

Medium: 2450 Body; Medium parameters used:

f = 2437.0 MHz; cond = 2.00 S/m; perm = 52.1; density = 1000 kg/m³

Phantom Section: Flat; Space: 15.00 mm

Test Date: 11/05/2021; Ambient Temp: 22.5°C; Tissue Temp: 21.3°C

Probe: EX3DV4 - SN7416; ConvF:(7.36,7.36,7.36); Calibrated: 2021-05-18

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

Electronics: DAE4 Sn701; Calibrated: 2021-05-11

Phantom: Twin-SAM V8.0; Serial: 1357

Measurement SW: DASY Module SAR V16.0.0.116

Mode: IEEE 802.11b, 22 MHz Bandwidth, Antenna 2, Body SAR, Back side, Ch. 6, 1 Mbps

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

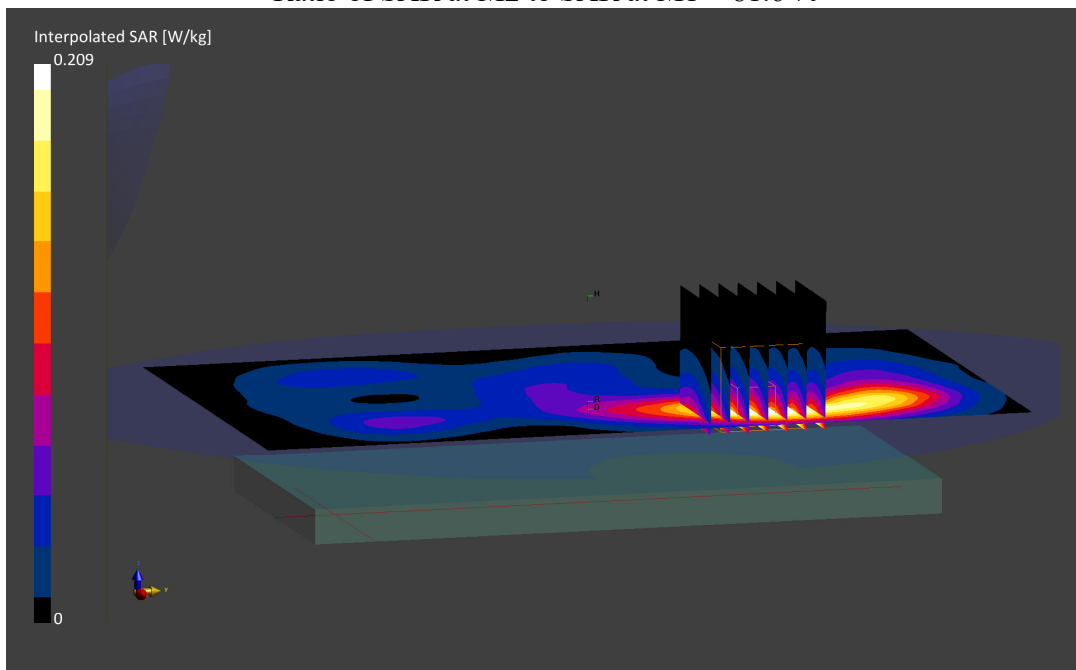
Reference Value = 0.17 W/kg; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 0.209 W/kg

SAR(1 g) = 0.112 W/kg

Smallest distance from peaks to all points 3 dB below is 11.2 mm

Ratio of SAR at M2 to SAR at M1 = 81.6 %



PCTEST

DUT: A3LSMS908E; Type: Portable Handset; Serial: 0841M

Communication System: UID:10415 - AAA, WLAN; MAIA: Y; Frequency: 2437.0 MHz

Medium: 2450 Body; Medium parameters used:

$f = 2437.0$ MHz; $\text{cond} = 2.00$ S/m; $\text{perm} = 52.1$; $\text{density} = 1000$ kg/m³

Phantom Section: Flat; Space: 10.00 mm

Test Date: 11/05/2021; Ambient Temp: 22.5°C; Tissue Temp: 21.3°C

Probe: EX3DV4 - SN7416; ConvF:(7.36,7.36,7.36); Calibrated: 2021-05-18

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

Electronics: DAE4 Sn701; Calibrated: 2021-05-11

Phantom: Twin-SAM V8.0; Serial: 1357

Measurement SW: DASY Module SAR V16.0.0.116

Mode: IEEE 802.11b, 22 MHz Bandwidth, Antenna 2, Body SAR, Left Edge, Ch. 6, 1 Mbps

Area Scan (40.0 x 200.0): 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

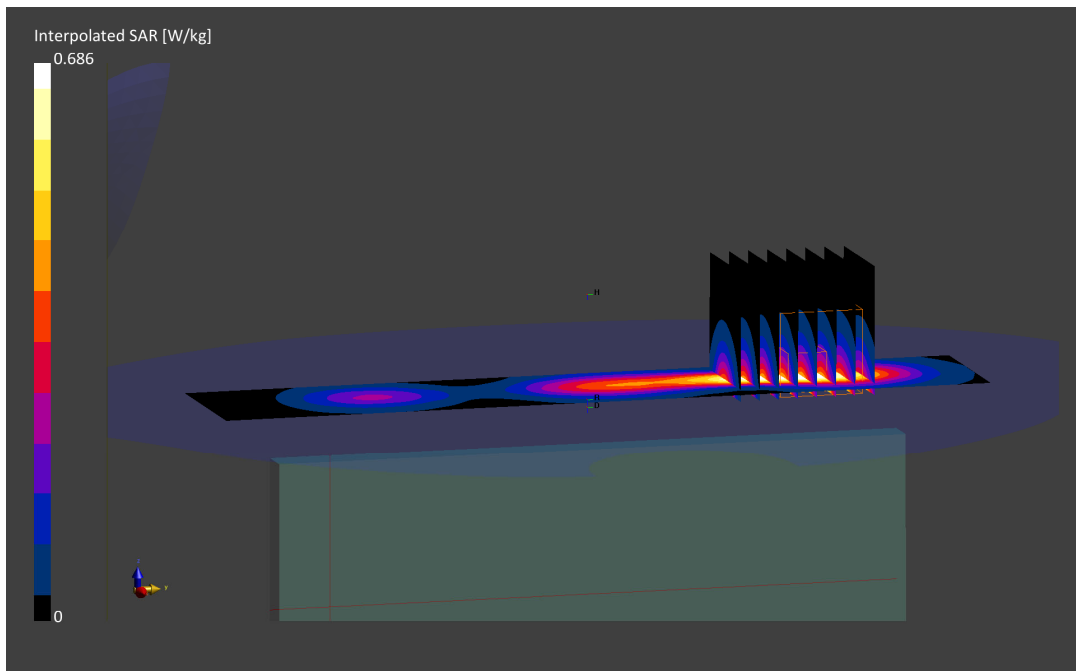
Reference Value = 0.55 W/kg; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 0.686 W/kg

SAR(1 g) = 0.358 W/kg

Smallest distance from peaks to all points 3 dB below is 8.0 mm

Ratio of SAR at M2 to SAR at M1 = 81.5 %



PCTEST

DUT: A3LSMS908E; Type: Portable Handset; Serial: 0843M

Communication System: UID:10626 - AAC, WLAN; MAIA: Y; Frequency: 5690.0 MHz
Medium: 5200-5800 Body; Medium parameters used:
f = 5690.0 MHz; cond = 6.08 S/m; perm = 47.2; density = 1000 kg/m³
Phantom Section: Flat; Space: 15.00 mm

Test Date: 11/15/2021; Ambient Temp: 21.5°C; Tissue Temp: 21.5°C

Probe: EX3DV4 - SN7532; ConvF:(4.26,4.26,4.26); Calibrated: 2021-04-19
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn501; Calibrated: 2021-04-13
Phantom: Twin-SAM V4.0; Serial: 1275
Measurement SW: DASY Module SAR V16.0.0.116

**Mode: IEEE 802.11ac, 80 MHz Bandwidth, UNII-2C, MIMO,
Ch. 138, Body SAR, Back side, 58.5 Mbps**

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

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

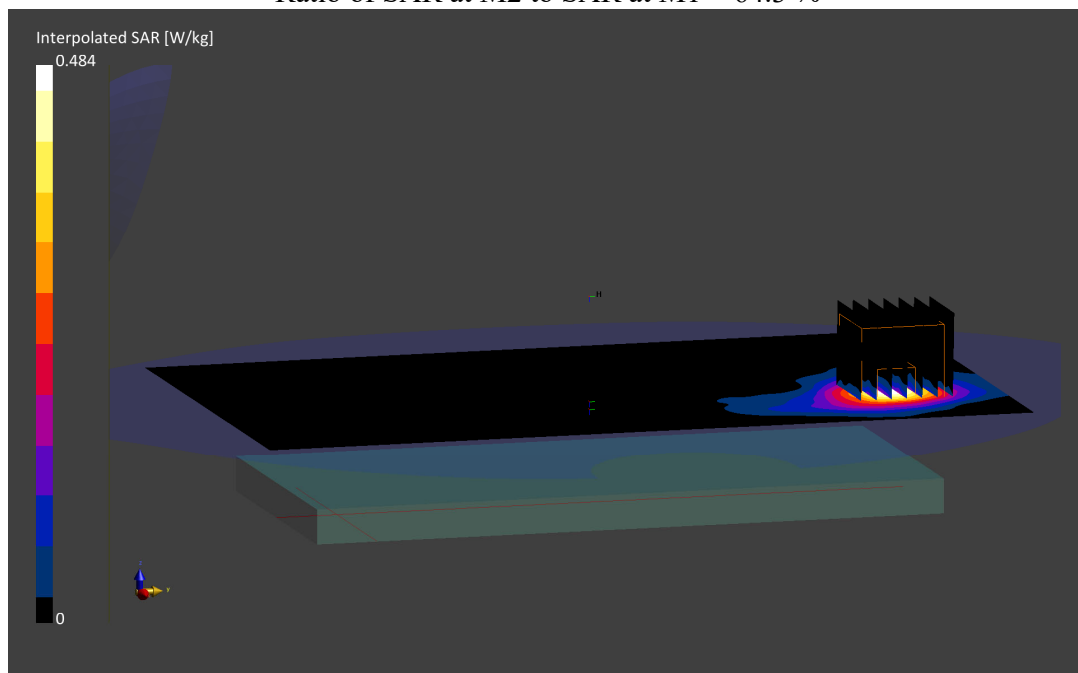
Reference Value = 0.21 W/kg; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 0.484 W/kg

SAR(1 g) = 0.128 W/kg

Smallest distance from peaks to all points 3 dB below is 11.1 mm

Ratio of SAR at M2 to SAR at M1 = 64.3 %



PCTEST

DUT: A3LSMS908E; Type: Portable Handset; Serial:0843M

Communication System: UID:10626 - AAC, WLAN; MAIA: Y; Frequency: 5775.0 MHz
Medium: 5200-5800 Body; Medium parameters used:
f = 5775.0 MHz; cond = 6.20 S/m; perm = 47.0; density = 1000 kg/m³
Phantom Section: Flat; Space: 10.00 mm

Test Date: 11/15/2021; Ambient Temp: 21.5°C; Tissue Temp: 21.5°C

Probe: EX3DV4 - SN7532; ConvF:(4.26,4.26,4.26); Calibrated: 2021-04-19
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn501; Calibrated: 2021-04-13
Phantom: Twin-SAM V4.0; Serial: 1275
Measurement SW: DASY Module SAR V16.0.0.116

**Mode: IEEE 802.11ac, 80 MHz Bandwidth, UNII-3, MIMO,
Ch. 155, Body SAR, Back side, 58.5 Mbps**

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

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

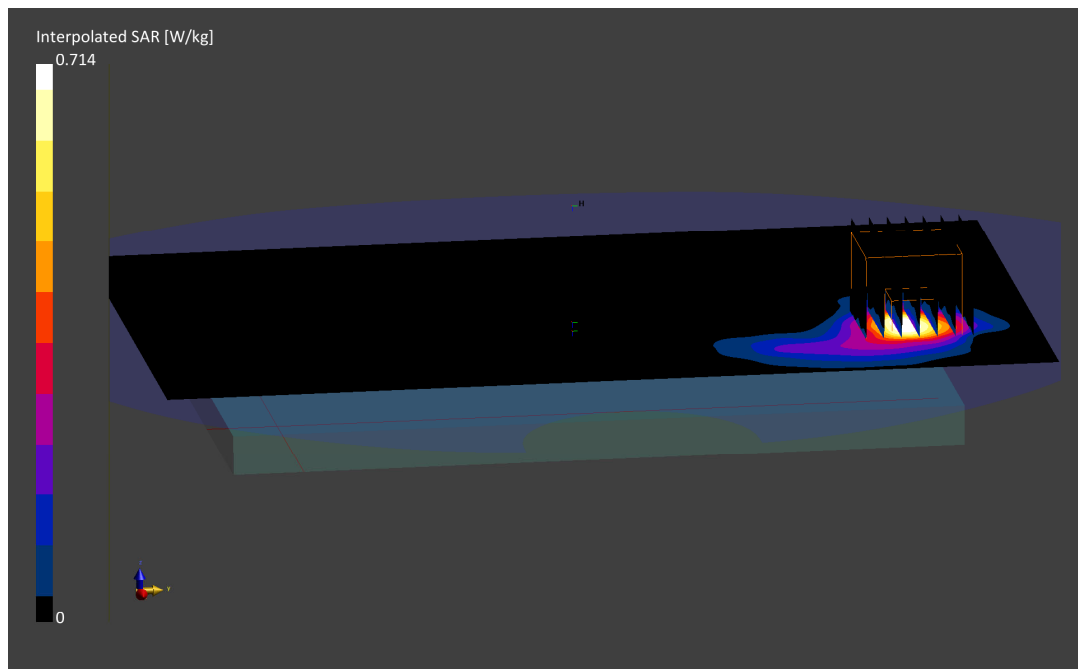
Reference Value = 0.32 W/kg; Power Drift = -0.21 dB

Peak SAR (extrapolated) = 0.714 W/kg

SAR(1 g) = 0.180 W/kg

Smallest distance from peaks to all points 3 dB below is 8.8 mm

Ratio of SAR at M2 to SAR at M1 = 62.6 %



PCTEST

DUT: A3LSMS908E; Type: Portable Handset; Serial: 0841M

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

Medium: 2450 Body; Medium parameters used:

$f = 2441.0$ MHz; $\text{cond} = 2.00$ S/m; $\text{perm} = 53.0$; $\text{density} = 1000$ kg/m³

Phantom Section: Flat; Space: 15.00 mm

Test Date: 11/08/2021; Ambient Temp: 21.6°C; Tissue Temp: 21.0°C

Probe: EX3DV4 - SN7416; ConvF:(7.36,7.36,7.36); Calibrated: 2021-05-18

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

Electronics: DAE4 Sn701; Calibrated: 2021-05-11

Phantom: Twin-SAM V8.0; Serial: 1357

Measurement SW: DASYS Module SAR V16.0.0.116

Mode: Bluetooth, Antenna 2 Body SAR, Ch.39, 1Mbps, Back Side

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

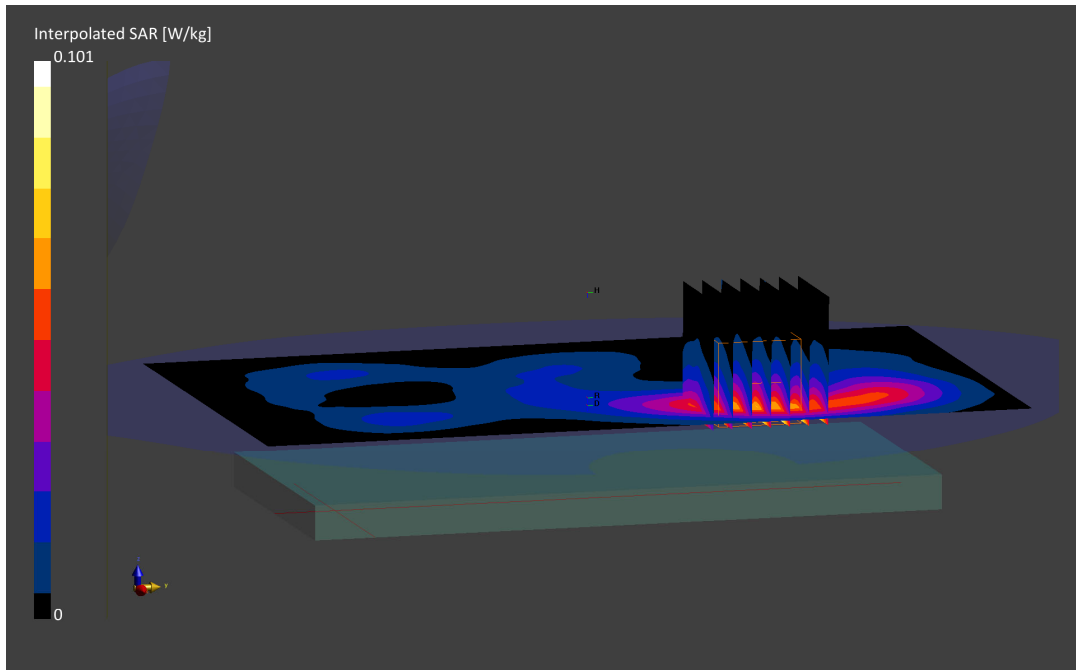
Reference Value = 0.08 W/kg; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.101 W/kg

SAR(1 g) = 0.055 W/kg

Smallest distance from peaks to all points 3 dB below is > 15.0 mm

Ratio of SAR at M2 to SAR at M1 = 82.5 %



PCTEST

DUT: A3LSMS908E; Type: Portable Handset; Serial: 0841M

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

Medium: 2450 Body; Medium parameters used:

f = 2441.0 MHz; cond = 2.00 S/m; perm = 53.0; density = 1000 kg/m³

Phantom Section: Flat; Space: 10.00 mm

Test Date: 11/08/2021; Ambient Temp: 21.6°C; Tissue Temp: 21.0°C

Probe: EX3DV4 - SN7416; ConvF:(7.36,7.36,7.36); Calibrated: 2021-05-18

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

Electronics: DAE4 Sn701; Calibrated: 2021-05-11

Phantom: Twin-SAM V8.0; Serial: 1357

Measurement SW: DASY Module SAR V16.0.0.116

Mode: Bluetooth, Antenna 2, Body SAR, Left Edge, Ch. 39, 1Mbps

Area Scan (40.0 x 200.0): 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

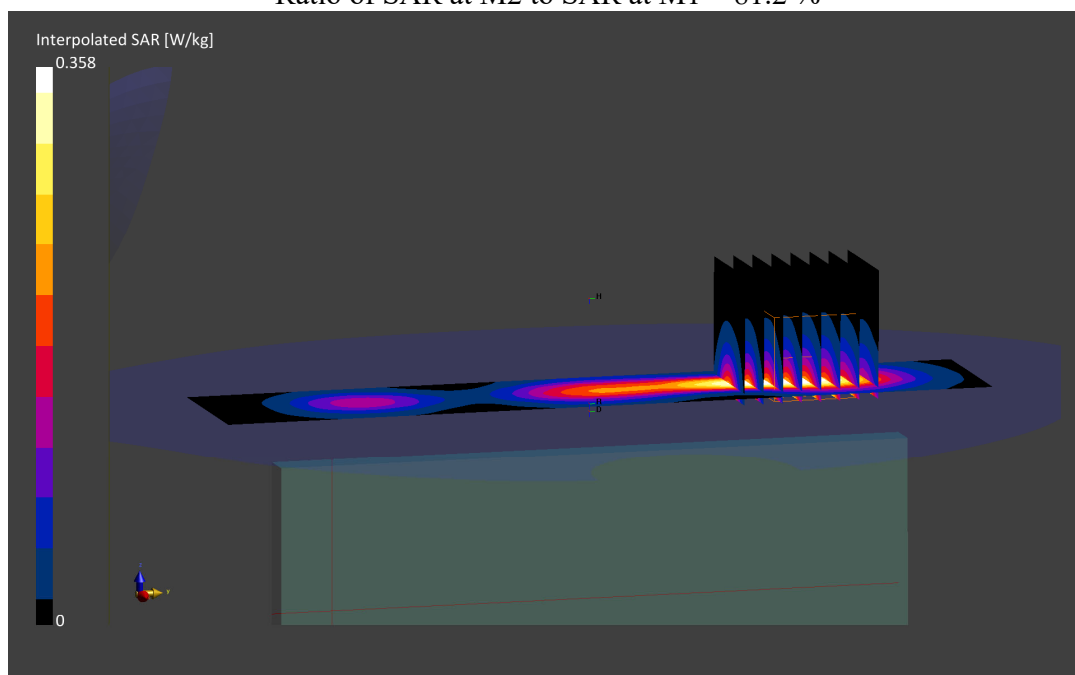
Reference Value = 0.28 W/kg; Power Drift = 0.10 dB

Peak SAR (extrapolated) = 0.358 W/kg

SAR(1 g) = 0.188 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 = 81.2 %



PCTEST

DUT: A3LSMS908E; Type: Portable Handset; Serial: 2006R

Communication System: UID 0, GSM GPRS; 3 Tx slots; Frequency: 1880 MHz; Duty Cycle: 1:2.76
Medium: 1900 Body; Medium parameters used:
 $f = 1880 \text{ MHz}$; $\sigma = 1.559 \text{ S/m}$; $\epsilon_r = 51.746$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Flat Section; Space: 0.0 cm

Test Date: 12/16/2021; Ambient Temp: 24.5°C; Tissue Temp: 23.0°C

Probe: EX3DV4 - SN7410; ConvF(7.7, 7.7, 7.7) @ 1880 MHz; Calibrated: 7/20/2021
Sensor-Surface: 1.4mm (Mechanical Surface Detection)
Electronics: DAE4 Sn1583; Calibrated: 7/13/2021
Phantom: Twin-SAM V5.0 (Front); Type: QD 000 P40 CD; Serial: 1792
Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7495)

Mode: GPRS 1900, Phablet SAR, Bottom Edge, Mid.ch, 3 Tx Slots

Area Scan (10x9x1): Measurement grid: dx=5mm, dy=15mm

Zoom Scan (10x13x8)/Cube 0: Measurement grid: dx=3.8mm, dy=3.8mm, dz=1.4mm; Graded Ratio: 1.4

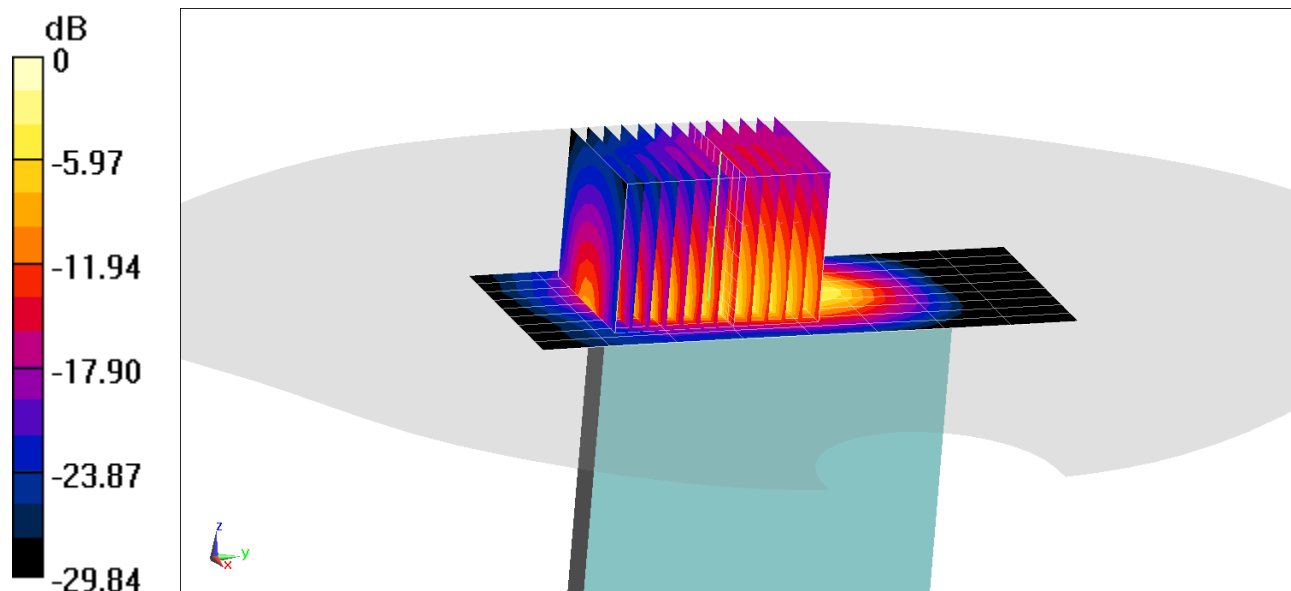
Reference Value = 64.57 V/m; Power Drift = -0.10 dB

Peak SAR (extrapolated) = 15.6 W/kg

SAR(10 g) = 2.76 W/kg

Smallest distance from peaks to all points 3 dB below = 6.1 mm

Ratio of SAR at M2 to SAR at M1 = 75.1%



0 dB = 10.5 W/kg = 10.21 dBW/kg

PCTEST

DUT: A3LSMS908E; Type: Portable Handset; Serial: 2006R

Communication System: UID:10011 - CAB, WCDMA; MAIA: Y; Frequency: 1732.4 MHz

Medium: 1750 Body; Medium parameters used:

$f = 1732.4$ MHz; $\text{cond} = 1.43$ S/m; $\text{perm} = 52.6$; $\text{density} = 1000$ kg/m³

Phantom Section: Flat; Space: 0.00 mm

Test Date: 11/03/2021; Ambient Temp: 21.9°C; Tissue Temp: 21.4°C

Probe: EX3DV4 - SN7421; ConvF:(7.92,7.92,7.92); Calibrated: 2021-03-17

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

Electronics: DAE4 Sn604; Calibrated: 2021-08-02

Phantom: Twin-SAM V8.0; Serial: 1944

Measurement SW: DASY Module SAR V16.0.0.116

Mode: UMTS 1750, Phablet SAR. Bottom edge, Mid. 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: $dx=5.3$ mm, $dy=5.3$ mm, $dz=1.4$ mm; Graded Ratio: 1.4

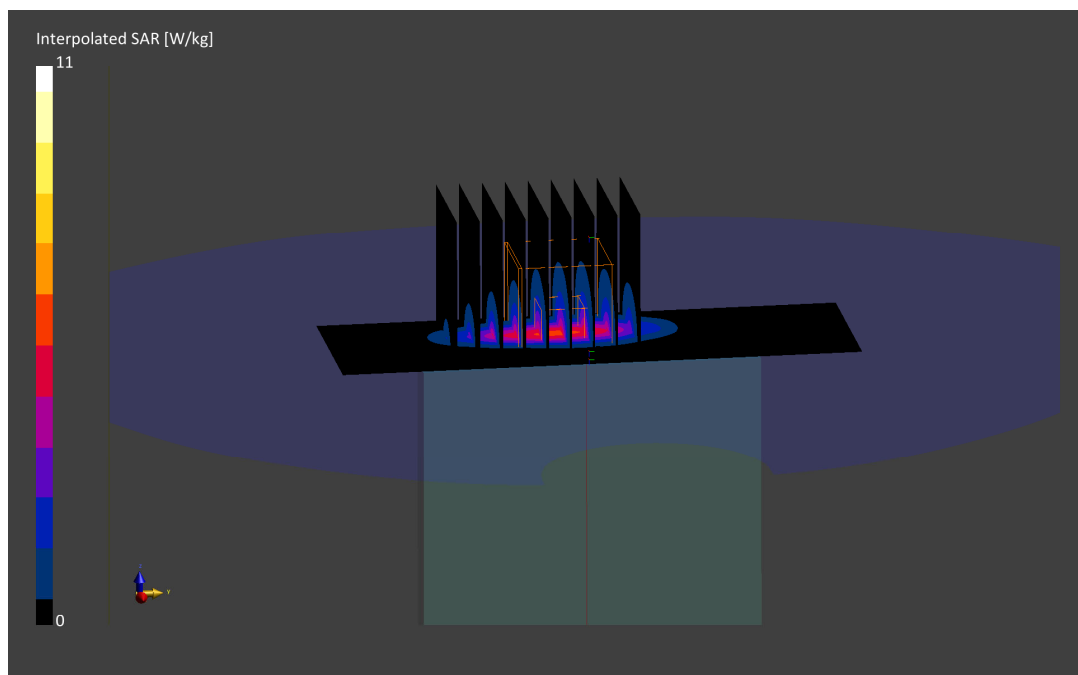
Reference Value = 3.77 W/kg; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 11.0 W/kg

SAR(10 g) = 1.98 W/kg

Smallest distance from peaks to all points 3 dB below is 5.4 mm

Ratio of SAR at M2 to SAR at M1 = 68.6 %



PCTEST

DUT: A3LSMS908E; Type: Portable Handset; Serial: 2006R

Communication System: UID:10011 - CAB, WCDMA; MAIA: Y; Frequency: 1880.0 MHz

Medium: 1900 Body; Medium parameters used:

f = 1880.0 MHz; cond = 1.53 S/m; perm = 52.4; density = 1000 kg/m³

Phantom Section: Flat; Space: 0.00 mm

Test Date: 11/03/2021; Ambient Temp: 21.9°C; Tissue Temp: 21.6°C

Probe: EX3DV4 - SN7421; ConvF:(7.72,7.72,7.72); Calibrated: 2021-03-17

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

Electronics: DAE4 Sn604; Calibrated: 2021-08-02

Phantom: Twin-SAM V8.0; Serial: 1944

Measurement SW: DASY Module SAR V16.0.0.116

Mode: UMTS 1900, Phablet SAR, Bottom edge, Mid. 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=5.3 mm, dy=5.3 mm, dz=1.4 mm; Graded Ratio: 1.4

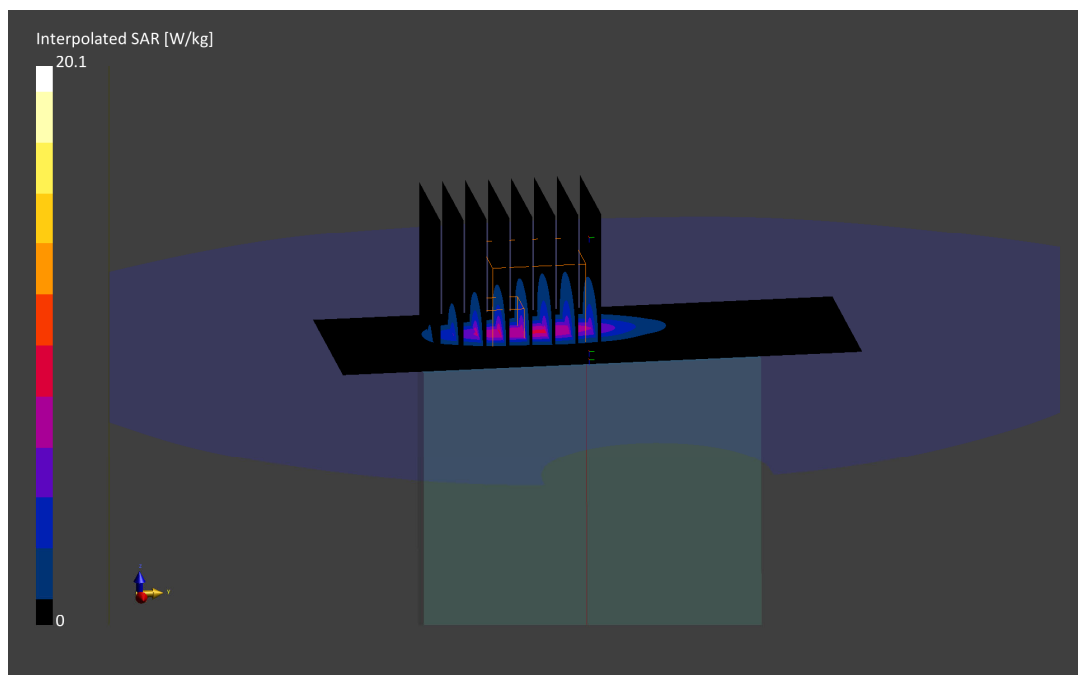
Reference Value = 5.84 W/kg; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 20.1 W/kg

SAR(10 g) = 2.88 W/kg

Smallest distance from peaks to all points 3 dB below is 6.2 mm

Ratio of SAR at M2 to SAR at M1 = 68.4 %



PCTEST

DUT: A3LSMS908E; Type: Portable Handset; Serial: 1445M

Communication System: UID:10297 - AAD, LTE-FDD; MAIA: Y; Frequency: 1770.0 MHz

Medium: 1750 Body; Medium parameters used:

$f = 1770.0$ MHz; $\text{cond} = 1.46$ S/m; $\text{perm} = 52.9$; $\text{density} = 1000$ kg/m³

Phantom Section: Flat; Space: 0.00 mm

Test Date: 11/22/2021; Ambient Temp: 21.2°C; Tissue Temp: 20.3°C

Probe: EX3DV4 - SN7416; ConvF:(7.7,7.7,7.7); Calibrated: 2021-05-18

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

Electronics: DAE4 Sn701; Calibrated: 2021-05-11

Phantom: Twin-SAM V8.0; Serial: 1357

Measurement SW: DASY Module SAR V16.0.0.116

**Mode: LTE Band 66 (AWS), Phablet SAR, Bottom Edge, High.ch,
20 MHz Bandwidth, QPSK, 50 RB, 25 RB Offset**

Area Scan (54.0 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: $dx=5.2$ mm, $dy=5.2$ mm, $dz=1.4$ mm; Graded Ratio: 1.4

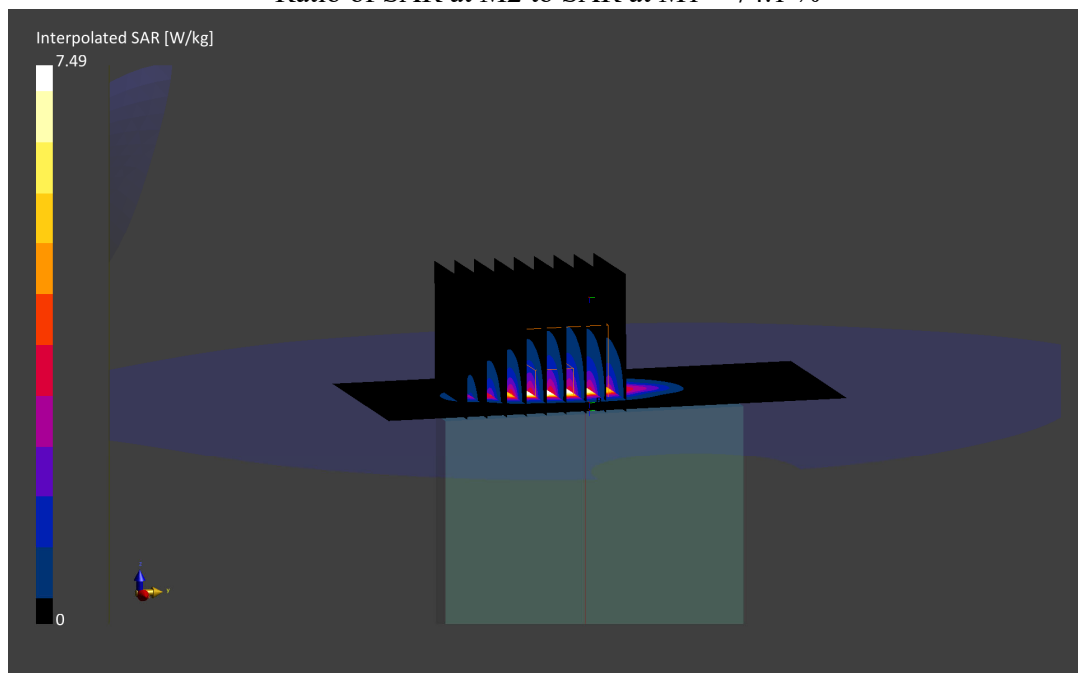
Reference Value = 4.51 W/kg; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 7.49 W/kg

SAR(10 g) = 1.39 W/kg

Smallest distance from peaks to all points 3 dB below is 6.2 mm

Ratio of SAR at M2 to SAR at M1 = 74.1 %



PCTEST

DUT: A3LSMS908E; Type: Portable Handset; Serial: 1445M

Communication System: UID:10297 - AAD, LTE-FDD; MAIA: Y; Frequency: 1860.0 MHz

Medium: 1900 Body; Medium parameters used:

f = 1860.0 MHz; cond = 1.52 S/m; perm = 52.8; density = 1000 kg/m³

Phantom Section: Flat; Space: 0.00 mm

Test Date: 11/22/2021; Ambient Temp: 21.2°C; Tissue Temp: 20.3°C

Probe: EX3DV4 - SN7416; ConvF:(7.56,7.56,7.56); Calibrated: 2021-05-18

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

Electronics: DAE4 Sn701; Calibrated: 2021-05-11

Phantom: Twin-SAM V8.0; Serial: 1357

Measurement SW: DASYS Module SAR V16.0.0.116

**Mode: LTE Band 25, Phablet SAR , Bottom edge, Low.ch, 20 MHz Bandwidth,
QPSK, 50 RB, 25 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=4.9 mm, dy=4.9 mm, dz=1.4 mm; Graded Ratio: 1.4

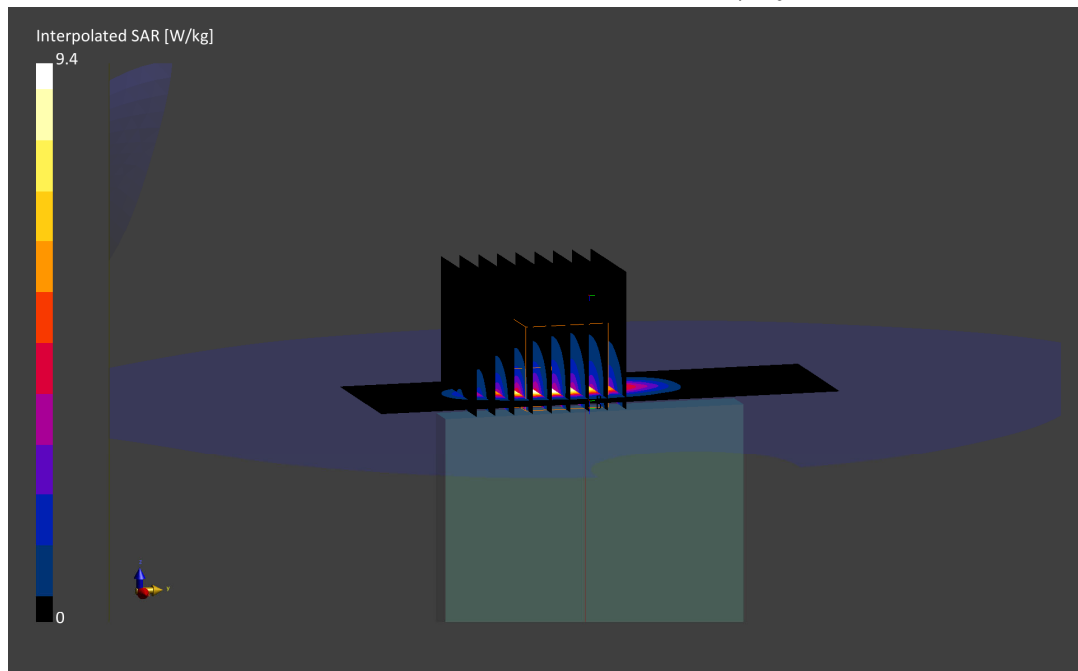
Reference Value = 5.86 W/kg; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 9.40 W/kg

SAR(10 g) = 1.47 W/kg

Smallest distance from peaks to all points 3 dB below is 5.7 mm

Ratio of SAR at M2 to SAR at M1 = 72.0 %



PCTEST

DUT: A3LSMS908E; Type: Portable Handset; Serial:1451M

Communication System: UID:10169 - CAE, LTE-FDD; MAIA: Y; Frequency: 1900.0 MHz

Medium: 1900 Body; Medium parameters used:

f = 1900.0 MHz; cond = 1.49 S/m; perm = 53.2; density = 1000 kg/m³

Phantom Section: Flat; Space: 0.00 mm

Test Date: 11/29/2021; Ambient Temp: 22.7°C; Tissue Temp: 21.2°C

Probe: EX3DV4 - SN7421; ConvF:(7.72,7.72,7.72); Calibrated: 2021-03-17

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

Electronics: DAE4 Sn604; Calibrated: 2021-08-02

Phantom: Twin-SAM V8.0 (30); Serial: 1944

Measurement SW: DASY Module SAR V16.0.0.116

**Mode: LTE Band 2, Phablet SAR, Bottom edge, High.ch,
20 MHz Bandwidth, QPSK, 1 RB, 50 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=5.1 mm, dy=5.1 mm, dz=1.4 mm; Graded Ratio: 1.4

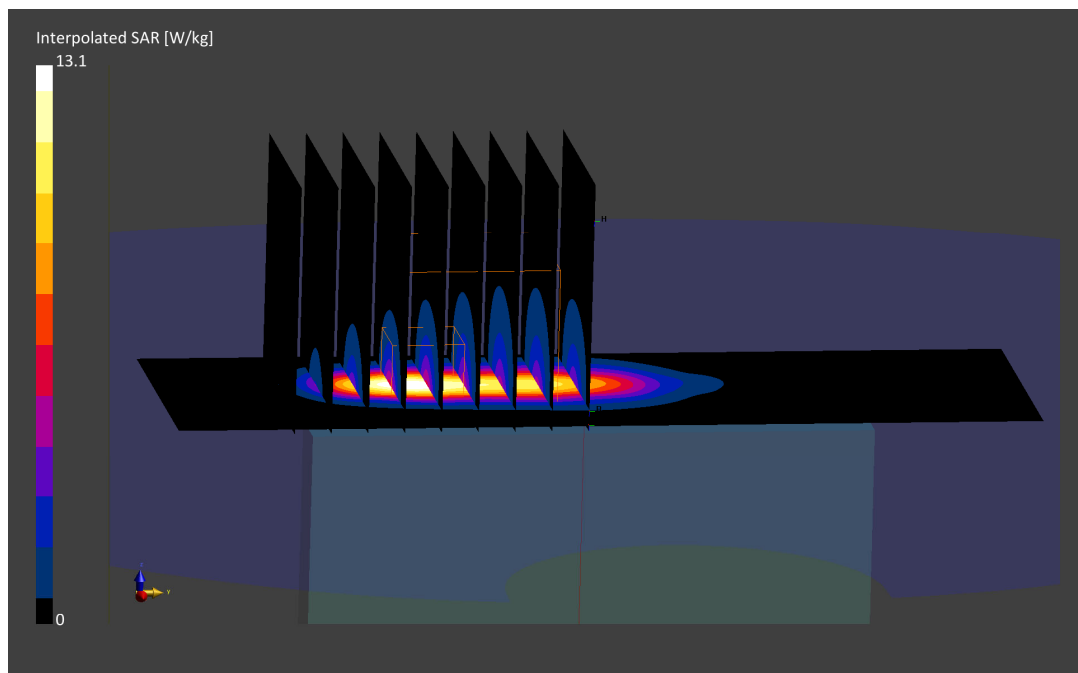
Reference Value = 3.88 W/kg; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 13.1 W/kg

SAR(10 g) = 1.92 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 = 70.1 %



PCTEST

DUT: A3LSMS908E; Type: Portable Handset; Serial: 2004R

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

Medium: 2450 Body; Medium parameters used:

$f = 2593.0$ MHz; $\text{cond} = 2.19$ S/m; $\text{perm} = 52.0$; $\text{density} = 1000$ kg/m³

Phantom Section: Flat; Space: 0.00 mm

Test Date: 10/27/2021; Ambient Temp: 24.0°C; Tissue Temp: 22.6°C

Probe: EX3DV4 - SN7416; ConvF:(7.2,7.2,7.2); Calibrated: 2021-05-18

Sensor-Surface: 1.4mm (All points)

Electronics: DAE4 Sn701; Calibrated: 2021-05-11

Phantom: Twin-SAM V8.0; Serial: 1357

Measurement SW: DASY Module SAR V16.0.0.116

**Mode: LTE Band 41 PC3, Phablet SAR, Bottom Edge, Mid.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: $dx=4.5$ mm, $dy=4.5$ mm, $dz=1.5$ mm; Graded Ratio: 1.5

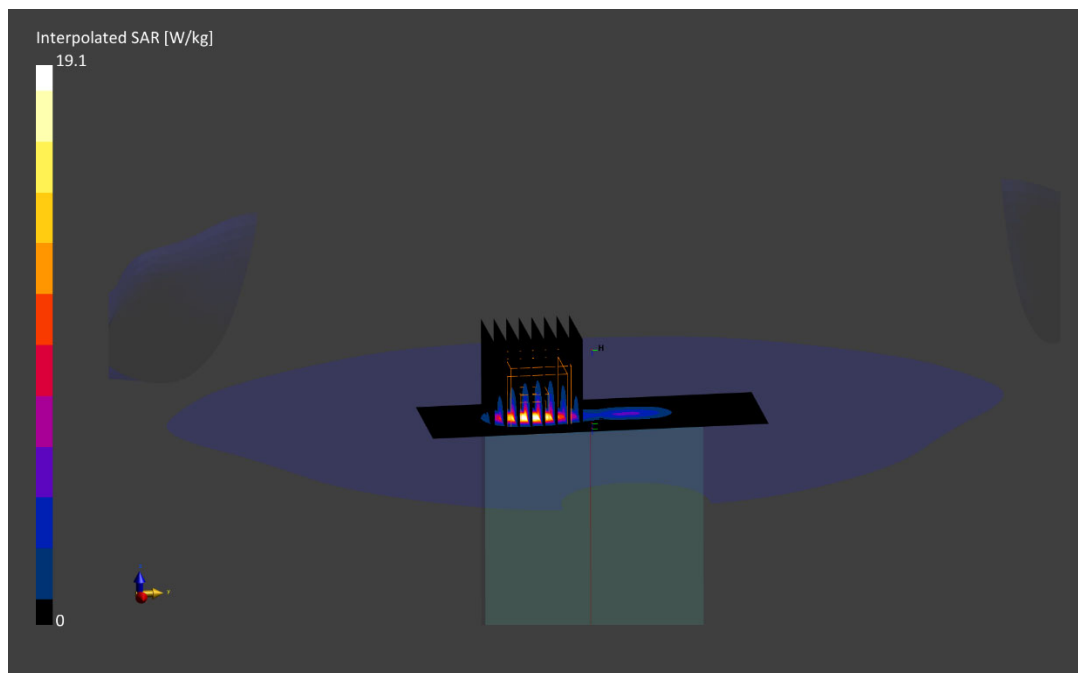
Reference Value = 11.31 W/kg; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 19.1 W/kg

SAR(10 g) = 2.08 W/kg

Smallest distance from peaks to all points 3 dB below is 5.4 mm

Ratio of SAR at M2 to SAR at M1 = 70.2 %



PCTEST

DUT: A3LSMS908E; Type: Portable Handset; Serial: 1445M

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

Medium: 1750 Body; Medium parameters used:

$f = 1720.0$ MHz; $\text{cond} = 1.42$ S/m; $\text{perm} = 53.0$; $\text{density} = 1000$ kg/m³

Phantom Section: Flat; Space: 0.00 mm

Test Date: 11/22/2021; Ambient Temp: 21.2°C; Tissue Temp: 20.3°C

Probe: EX3DV4 - SN7416; ConvF:(7.7,7.7,7.7); Calibrated: 2021-05-18

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

Electronics: DAE4 Sn701; Calibrated: 2021-05-11

Phantom: Twin-SAM V8.0; Serial: 1357

Measurement SW: DASY Module SAR V16.0.0.116

**Mode: NR Band n66, Phablet SAR, Bottom Edge, 20 MHz Bandwidth, Ch. 344000,
DFT-s-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: $dx=3.7$ mm, $dy=3.7$ mm, $dz=1.5$ mm; Graded Ratio: 1.5

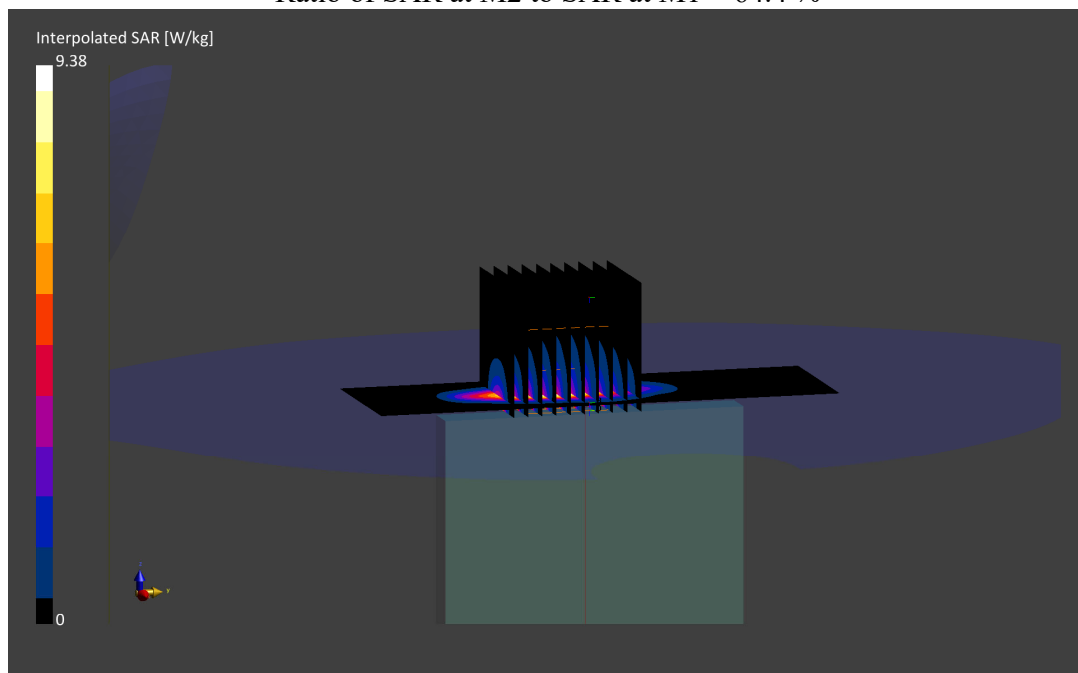
Reference Value = 5.13 W/kg; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 9.38 W/kg

SAR(10 g) = 1.57 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 = 64.4 %



PCTEST

DUT: A3LSMS908E; Type: Portable Handset; Serial: 2675M

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

Medium: 5200-5800 Body; Medium parameters used:

f = 5290.0 MHz; cond = 5.42 S/m; perm = 47.3; density = 1000 kg/m³

Phantom Section: Flat; Space: 0.00 mm

Test Date: 12/08/2021; Ambient Temp: 19.9°C; Tissue Temp: 21.0°C

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

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

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

Phantom: Twin-SAM V5.0; Serial: 1800

Measurement SW: DASY Module SAR V16.0.0.116

**Mode: IEEE 802.11ac, UNII-2A, 80 MHz Bandwidth, MIMO, Phablet SAR,
Back Side, Ch. 58, 58.5 Mbps**

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

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

Reference Value = 2.32 W/kg; Power Drift = -0.13 dB

Peak SAR (extrapolated) = 24.0 W/kg

SAR(10 g) = 0.826 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 = 60.4 %

