

APPENDIX A: SAR TEST DATA

ELEMENT

DUT: A3LSMF721U; Type: Portable Handset; Serial: 0646M

Communication System: UID:10011 - CAB, WCDMA; MAIA: Y; Frequency: 1712.4 MHz

Medium: 1750 Head; Medium parameters used:

f = 1712.4 MHz; cond = 1.32 S/m; perm = 41.3; density = 1000 kg/m³

Phantom Section: LeftHead; Space: 0.00 mm

Test Date: 07/26/2022; Ambient Temp: 21.5°C; Tissue Temp: 20.0°C

Probe: EX3DV4 - SN7670; ConvF:(8.53,8.53,8.53); 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 V16.0.2.136

Mode: UMTS 1750, Left Head, Cheek, Low 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

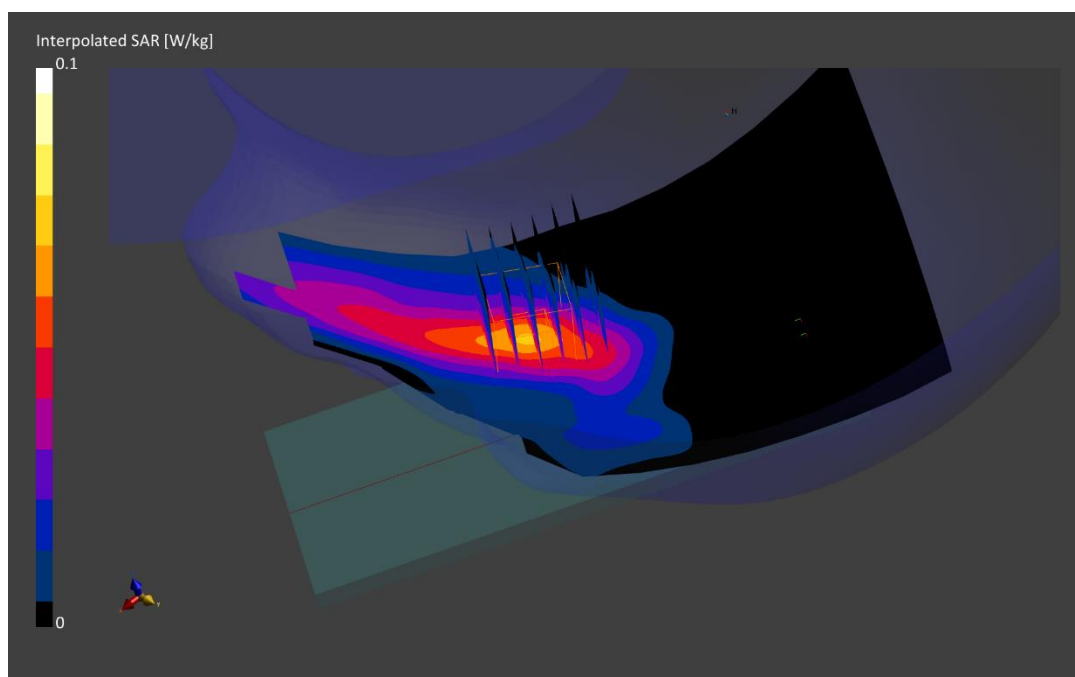
Reference Value = 0.07 W/kg; Power Drift = 0.11 dB

Peak SAR (extrapolated) = 0.092 W/kg

SAR(1 g) = 0.056 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 = 87.9 %



ELEMENT

DUT: A3LSMF721U; Type: Portable Handset; Serial: 0424M

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 = 39.2; density = 1000 kg/m³

Phantom Section: RightHead; Space: 0.00 mm

Test Date: 08/01/2022; Ambient Temp: 22.0°C; Tissue Temp: 21.9°C

Probe: EX3DV4 - SN7527; ConvF:(8.21,8.21,8.21); Calibrated: 2022-03-21

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

Electronics: DAE4 Sn1272; Calibrated: 2022-03-16

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

Measurement SW: DASY Module SAR V16.0.2.136

**Mode: LTE Band 66 (AWS), Right Head, Cheek, High 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

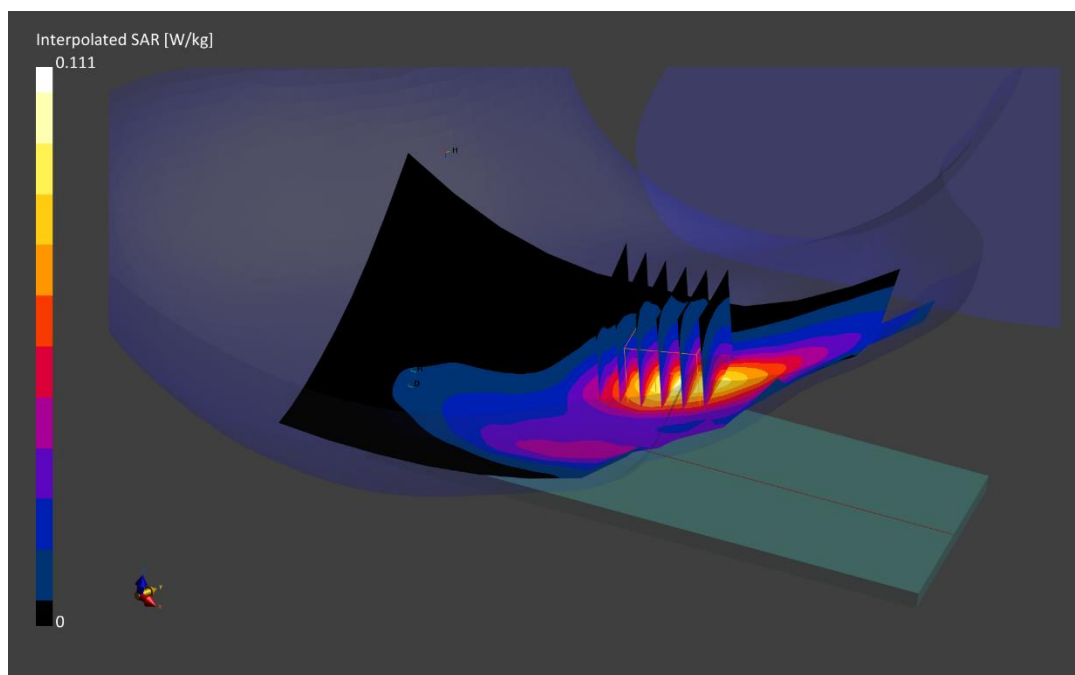
Reference Value = 0.09 W/kg; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 0.111 W/kg

SAR(1 g) = 0.073 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 = 87.3 %



ELEMENT

DUT: A3LSMF721U; Type: Portable Handset; Serial: 0414M

Communication System: UID:10175 - CAG, LTE-FDD; MAIA: Y; Frequency: 2310.0 MHz

Medium: 2450 Head; Medium parameters used:

f = 2310.0 MHz; cond = 1.66 S/m; perm = 40.5; density = 1000 kg/m³

Phantom Section: RightHead; Space: 0.00 mm

Test Date: 08/02/2022; Ambient Temp: 19.7°C; Tissue Temp: 21.5°C

Probe: EX3DV4 - SN7409; ConvF:(7.52,7.52,7.52); Calibrated: 2022-06-16

Sensor-Surface: 1.4mm (All points)

Electronics: DAE4 Sn1334; Calibrated: 2022-06-14

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

Measurement SW: DASY Module SAR V16.0.2.136

**Mode: LTE Band 30, Right Head, Cheek, Mid Ch.,
10 MHz Bandwidth, QPSK, 1 RB, 49 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

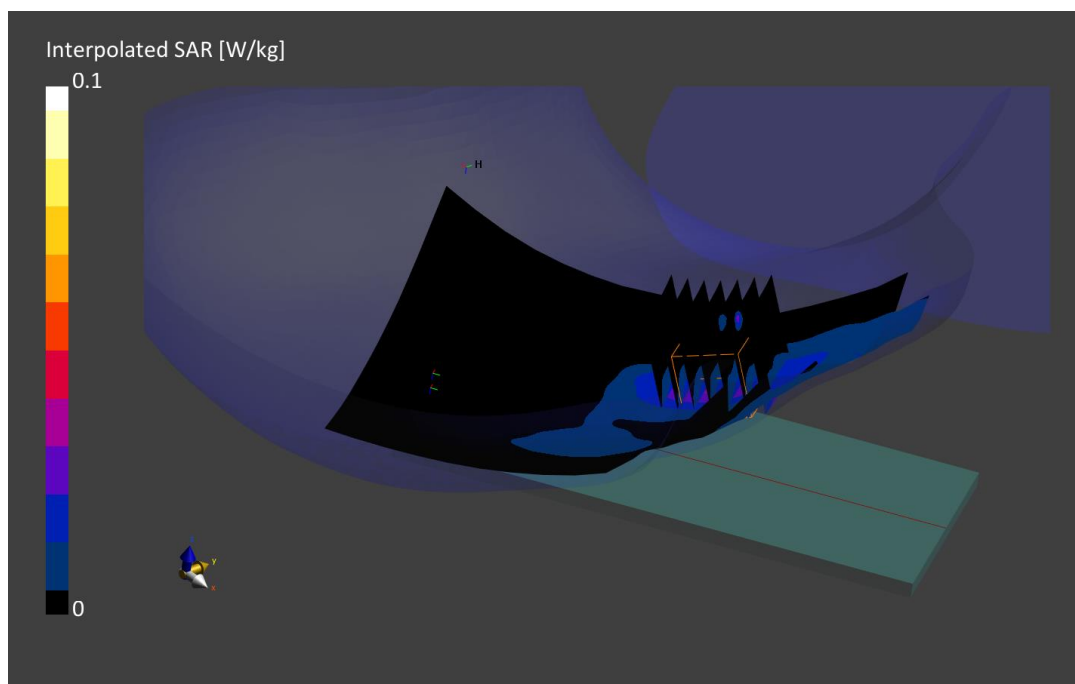
Reference Value = 0.02 W/kg; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.050 W/kg

SAR(1 g) = 0.027 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 %



ELEMENT

DUT: A3LSMF721U; Type: Portable Handset; Serial: 0414M

Communication System: UID:10169 - CAE, LTE-FDD; MAIA: Y; Frequency: 2510.0 MHz

Medium: 2450 Head; Medium parameters used:

f = 2510.0 MHz; cond = 1.89 S/m; perm = 39.8; density = 1000 kg/m³

Phantom Section: RightHead; Space: 0.00 mm

Test Date: 08/02/2022; Ambient Temp: 19.7°C; Tissue Temp: 21.5°C

Probe: EX3DV4 - SN7409; ConvF:(7.21,7.21,7.21); Calibrated: 2022-06-16

Sensor-Surface: 1.4mm (All points)

Electronics: DAE4 Sn1334; Calibrated: 2022-06-14

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

Measurement SW: DASY Module SAR V16.0.2.136

**Mode: LTE Band 7, Right Head, Cheek, Low Ch,
20 MHz Bandwidth, QPSK, 1 RB, 0 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

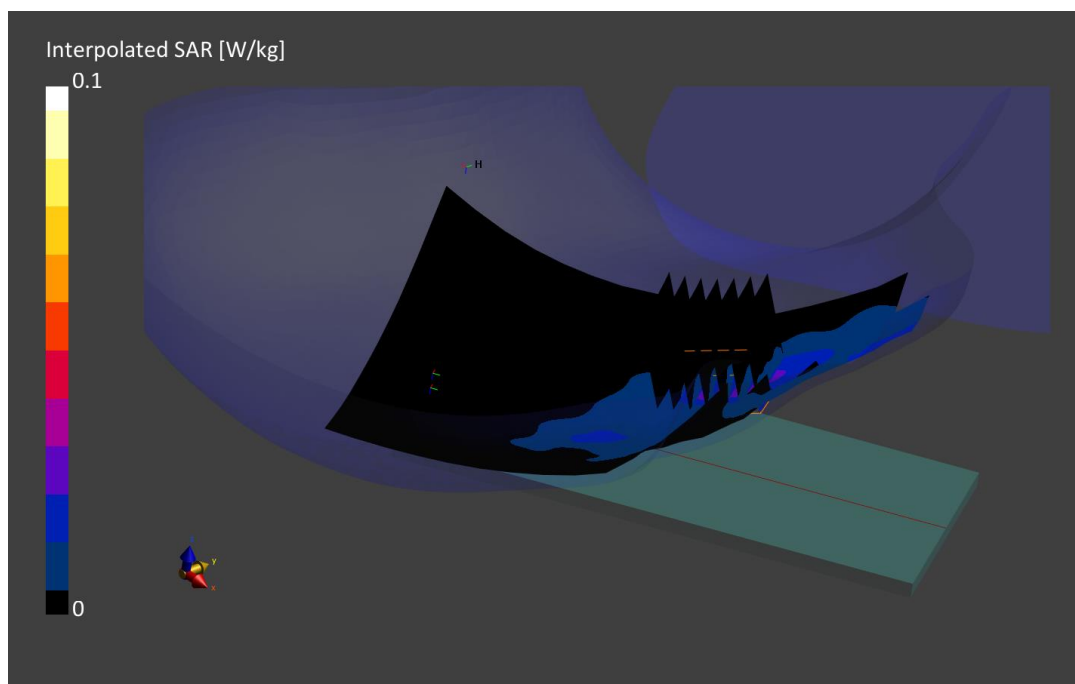
Reference Value = 0.02 W/kg; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.048 W/kg

SAR(1 g) = 0.023 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 = 77.6 %



ELEMENT

DUT: A3LSMF721U; Type: Portable Handset; Serial: 0424M

Communication System: UID:10435 - AAF, LTE-TDD; MAIA: Y; Frequency: 2680.0 MHz

Medium: 2450 Head; Medium parameters used:

f = 2680.0 MHz; cond = 2.06 S/m; perm = 39.6; density = 1000 kg/m³

Phantom Section: LeftHead; Space: 0.00 mm

Test Date: 08/09/2022; Ambient Temp: 20.3°C; Tissue Temp: 21.1°C

Probe: EX3DV4 - SN7409; ConvF:(6.97,6.97,6.97); Calibrated: 2022-06-16

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

Electronics: DAE4 Sn1334; Calibrated: 2022-06-14

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

Measurement SW: DASY Module SAR V16.0.2.136

**Mode: LTE Band 41, Left Head, Cheek, 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=5.0 mm, dy=5.0 mm, dz=1.5 mm; Graded Ratio: 1.5

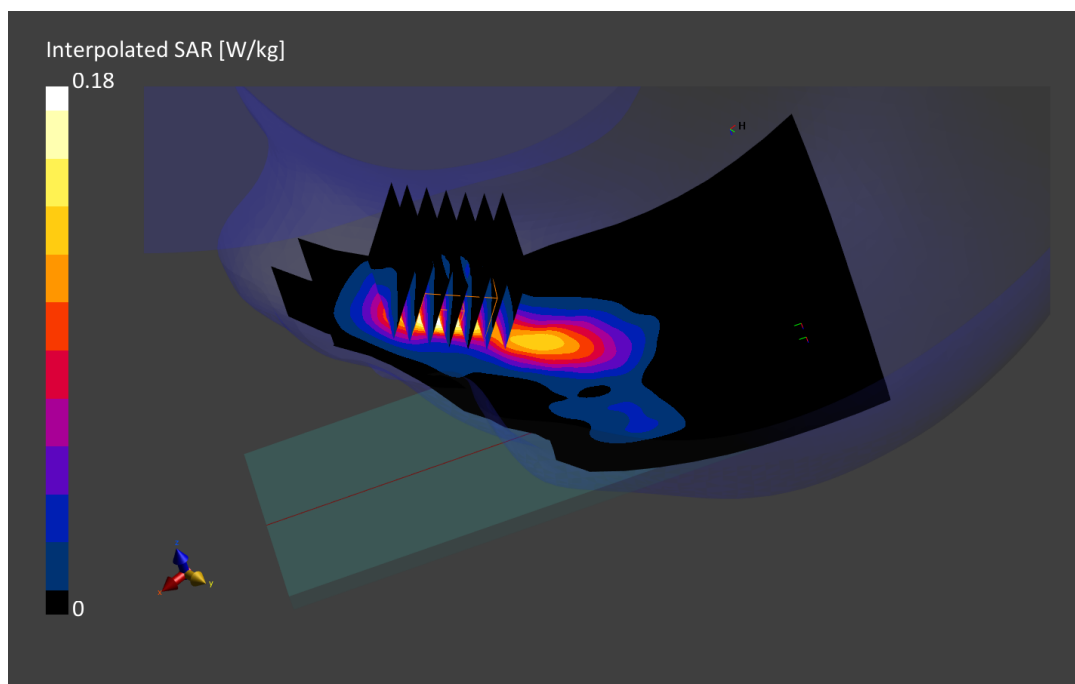
Reference Value = 0.09 W/kg; Power Drift = -0.14 dB

Peak SAR (extrapolated) = 0.180 W/kg

SAR(1 g) = 0.098 W/kg

Smallest distance from peaks to all points 3 dB below is 8.1 mm

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



ELEMENT

DUT: A3LSMF721U; Type: Portable Handset; Serial: 0416M

Communication System: UID:10942 - AAC, 5G NR FR1 FDD; MAIA: Y; Frequency: 1745.0 MHz

Medium: 1750 Head; Medium parameters used:

f = 1745.0 MHz; cond = 1.34 S/m; perm = 41.2; density = 1000 kg/m³

Phantom Section: LeftHead; Space: 0.00 mm

Test Date: 07/26/2022; Ambient Temp: 21.5°C; Tissue Temp: 20.0°C

Probe: EX3DV4 - SN7670; ConvF:(8.53,8.53,8.53); 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 V16.0.2.136

**NR Band n66, Left Head, Cheek, Ch. 349000, 40 MHz Bandwidth,
DFT-s-OFDM QPSK, 108 RB, 54 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

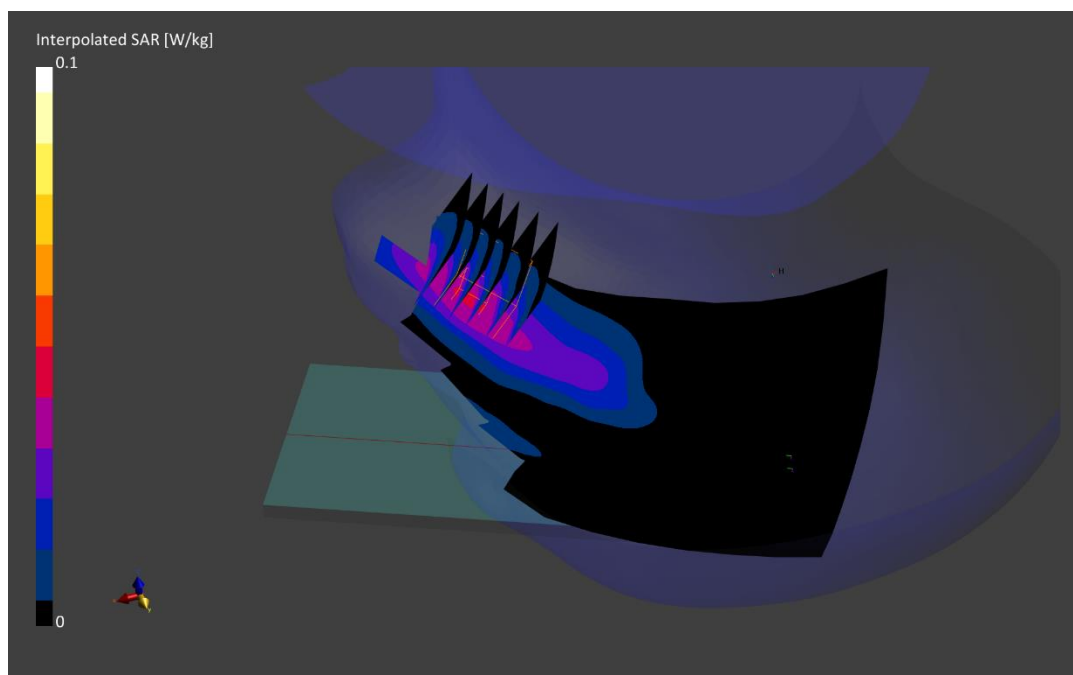
Reference Value = 0.04 W/kg; Power Drift = -0.10 dB

Peak SAR (extrapolated) = 0.052 W/kg

SAR(1 g) = 0.037 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 = 90.2 %



ELEMENT

DUT: A3LSMF721U; Type: Portable Handset; Serial: 0414M

Communication System: UID:10937 - AAC, 5G NR FR1 FDD; MAIA: Y; Frequency: 2310.0 MHz

Medium: 2450 Head; Medium parameters used:

f = 2310.0 MHz; cond = 1.68 S/m; perm = 40.0; density = 1000 kg/m³

Phantom Section: RightHead; Space: 0.00 mm

Test Date: 08/04/2022; Ambient Temp: 23.5°C; Tissue Temp: 23.8°C

Probe: EX3DV4 - SN7409; ConvF:(7.52,7.52,7.52); Calibrated: 2022-06-16

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

Electronics: DAE4 Sn1334; Calibrated: 2022-06-14

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

Measurement SW: DASY Module SAR V16.0.2.136

**Mode: NR Band n30, Right Head, Cheek, Ch. 462000, 10 MHz Bandwidth
DFT-s-OFDM QPSK, 25 RB, 14 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

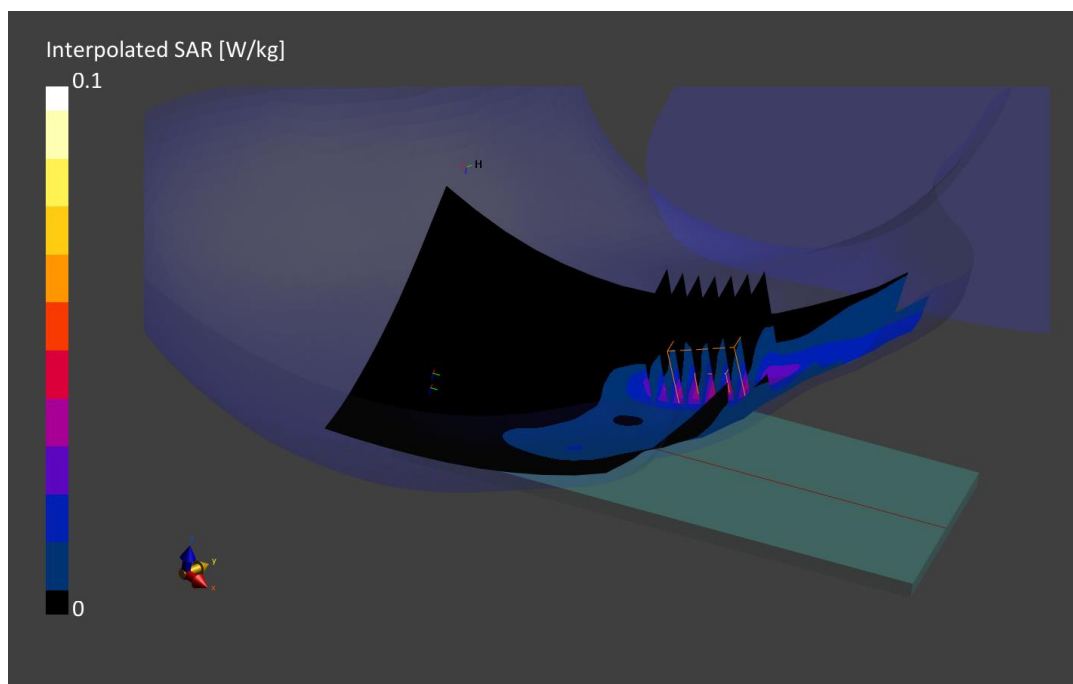
Reference Value = 0.03 W/kg; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 0.060 W/kg

SAR(1 g) = 0.036 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 = 86.0 %



ELEMENT

DUT: A3LSMF721U; Type: Portable Handset; Serial: 0414M

Communication System: UID:10942 - AAC, 5G NR FR1 FDD; MAIA: Y; Frequency: 2535.0 MHz

Medium: 2450 Head; Medium parameters used:

f = 2535.0 MHz; cond = 1.92 S/m; perm = 40.1; density = 1000 kg/m³

Phantom Section: LeftHead; Space: 0.00 mm

Test Date: 08/07/2022; Ambient Temp: 22.3°C; Tissue Temp: 22.2°C

Probe: EX3DV4 - SN7538; ConvF:(7.34,7.34,7.34); Calibrated: 2021-11-16

Sensor-Surface: 1.4mm (All points)

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

Phantom: Twin-SAM V8.0; Serial: 2056

Measurement SW: DASY Module SAR V16.0.2.136

**Mode: NR Band n7, Left Head, Cheek, Ch. 507000,
40 MHz Bandwidth, DFT-s-OFDM QPSK, 108 RB, 54 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

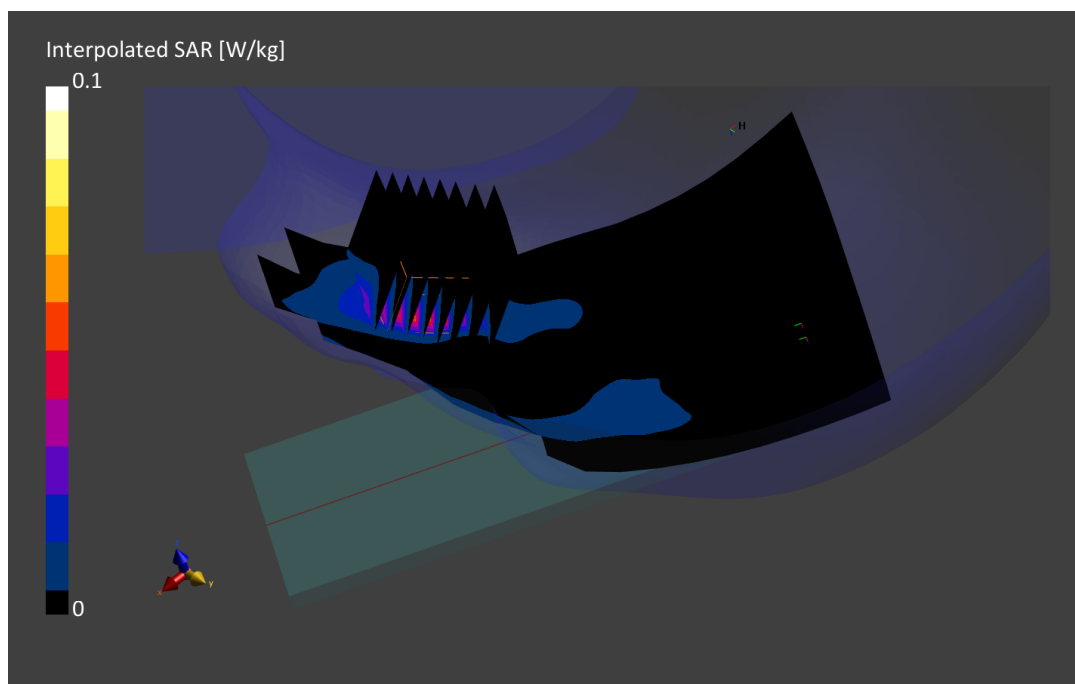
Reference Value = 0.05 W/kg; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 0.063 W/kg

SAR(1 g) = 0.034 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 = 85.0 %



ELEMENT

DUT: A3LSMF721U; Type: Portable Handset; Serial: 0646M

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

Medium: 2450 Head; Medium parameters used:

f = 2593.0 MHz; cond = 1.99 S/m; perm = 39.9; density = 1000 kg/m³

Phantom Section: LeftHead; Space: 0.00 mm

Test Date: 08/07/2022; Ambient Temp: 22.3°C; Tissue Temp: 22.2°C

Probe: EX3DV4 - SN7538; ConvF:(7.34,7.34,7.34); Calibrated: 2021-11-16

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

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

Phantom: Twin-SAM V8.0; Serial: 2056

Measurement SW: DASY Module SAR V16.0.2.83

Mode: NR Band n41, Antenna C, Left Head, Cheek, Open, Ch.518598
100 MHz Bandwidth, CW/SRS

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

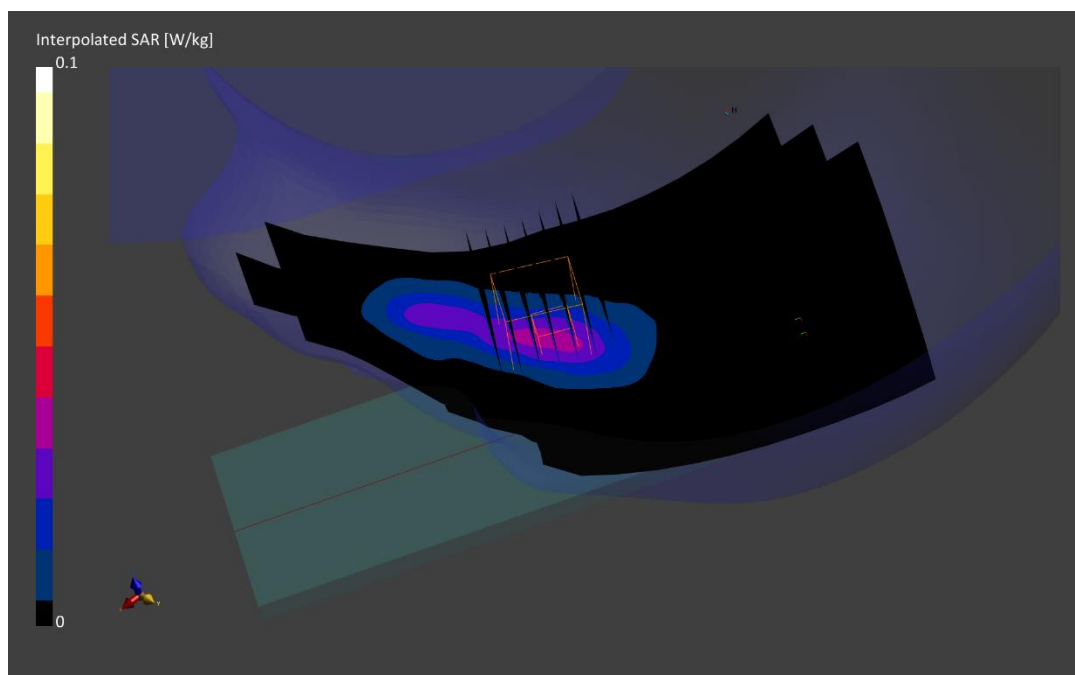
Reference Value = 0.04 W/kg; Power Drift = 0.19 dB

Peak SAR (extrapolated) = 0.060 W/kg

SAR(1 g) = 0.030 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 = 81.6 %



ELEMENT

DUT: A3LSMF721U; Type: Portable Handset; Serial: 0903M

Communication System: UID:10415 - AAA, WLAN; MAIA: Y; Frequency: 2412.0 MHz

Medium: 2450 Head; Medium parameters used:

f = 2412.0 MHz; cond = 1.81 S/m; perm = 40.4; density = 1000 kg/m³

Phantom Section: RightHead; Space: 0.00 mm

Test Date: 08/01/2022; Ambient Temp: 19.9°C; Tissue Temp: 20.6°C

Probe: EX3DV4 - SN7417; ConvF:(7.5,7.5,7.5); Calibrated: 2022-02-22

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

Electronics: DAE4 Sn665; Calibrated: 2022-02-22

Phantom: Twin-SAM V8.0; Serial: 2060

Measurement SW: DASY Module SAR V16.0.2.83

**Mode: IEEE 802.11b, Antenna 1, 22 MHz Bandwidth
Right Head, Cheek, Ch.1, 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=3.8 mm, dy=3.8 mm, dz=1.4 mm; Graded Ratio: 1.4

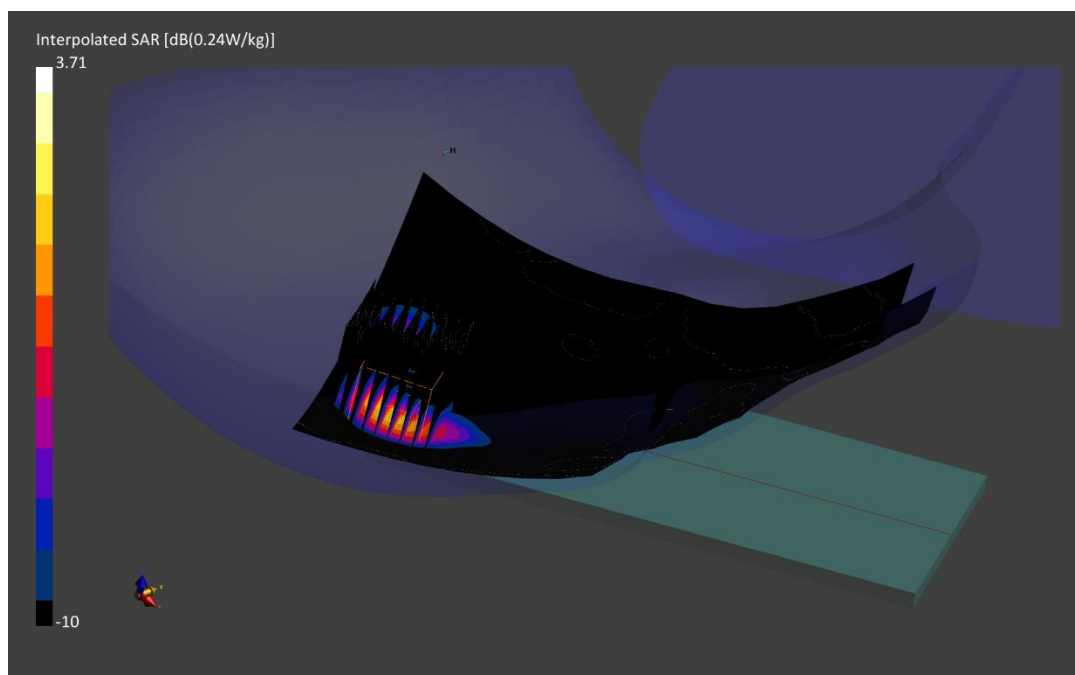
Reference Value = 0.22 W/kg; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 0.563 W/kg

SAR(1 g) = 0.174 W/kg

Smallest distance from peaks to all points 3 dB below is 4.5 mm

Ratio of SAR at M2 to SAR at M1 = 67.9 %



ELEMENT

DUT: A3LSMF721U; Type: Portable Handset; Serial: 0414M

Communication System: UID:10011 - CAB, WCDMA; MAIA: Y; Frequency: 1712.4 MHz

Medium: 1750 Body; Medium parameters used:

f = 1712.4 MHz; cond = 1.47 S/m; perm = 52.6; density = 1000 kg/m³

Phantom Section: Flat; Space: 15.00 mm

Test Date: 07/24/2022; Ambient Temp: 23.4°C; Tissue Temp: 21.9°C

Probe: EX3DV4 - SN7660; ConvF:(9.22,9.22,9.22); Calibrated: 2022-05-18

Sensor-Surface: 1.4mm (All points)

Electronics: DAE4 Sn1678; Calibrated: 2022-05-10

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

Measurement SW: DASY Module SAR V16.0.2.136

Mode: UMTS 1750, Body SAR, Open, Back Side, Low 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

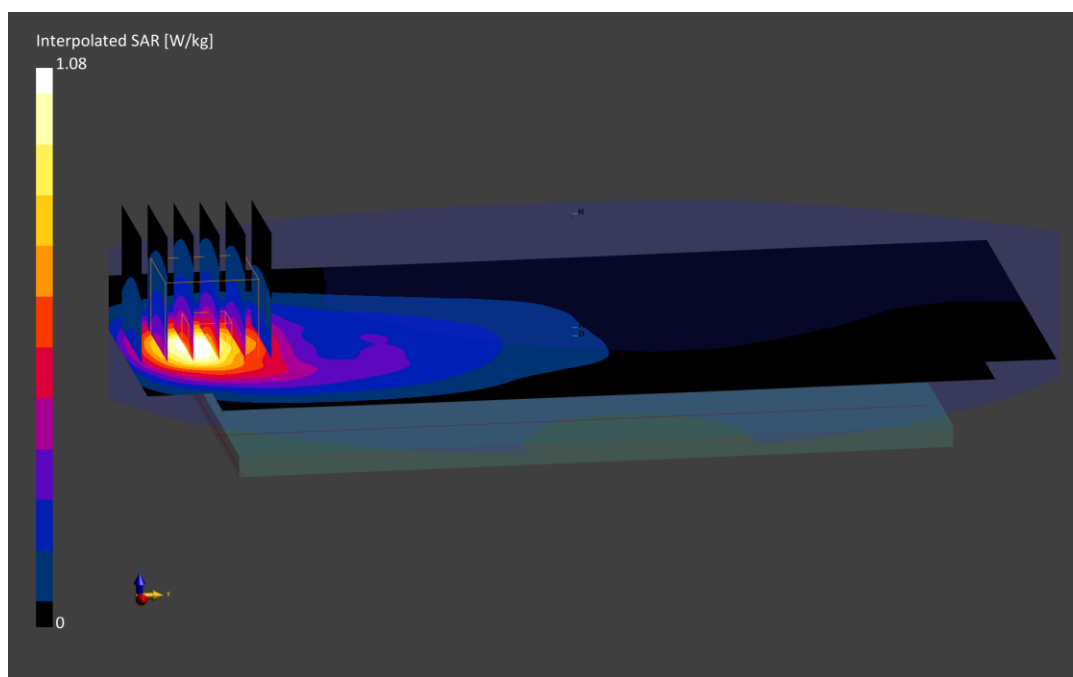
Reference Value = 0.50 W/kg; Power Drift = 0.00 dB

Peak SAR (extrapolated) = 1.08 W/kg

SAR(1 g) = 0.637 W/kg

Smallest distance from peaks to all points 3 dB below is 10.9 mm

Ratio of SAR at M2 to SAR at M1 = 84.3 %



ELEMENT

DUT: A3LSMF721U; Type: Portable Handset; Serial: 0414M

Communication System: UID:10169 - CAE, LTE-FDD; MAIA: Y; Frequency: 1720.0 MHz

Medium: 1750 Body; Medium parameters used:

f = 1720.0 MHz; cond = 1.48 S/m; perm = 52.7; density = 1000 kg/m³

Phantom Section: Flat; Space: 15.00 mm

Test Date: 07/28/2022; Ambient Temp: 22.6°C; Tissue Temp: 21.4°C

Probe: EX3DV4 - SN7660; ConvF:(9.22,9.22,9.22); Calibrated: 2022-05-18

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

Electronics: DAE4 Sn1678; Calibrated: 2022-05-10

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

Measurement SW: DASY Module SAR V16.0.2.136

**Mode: LTE Band 66 (AWS), Body SAR, Open, Back Side, Low 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

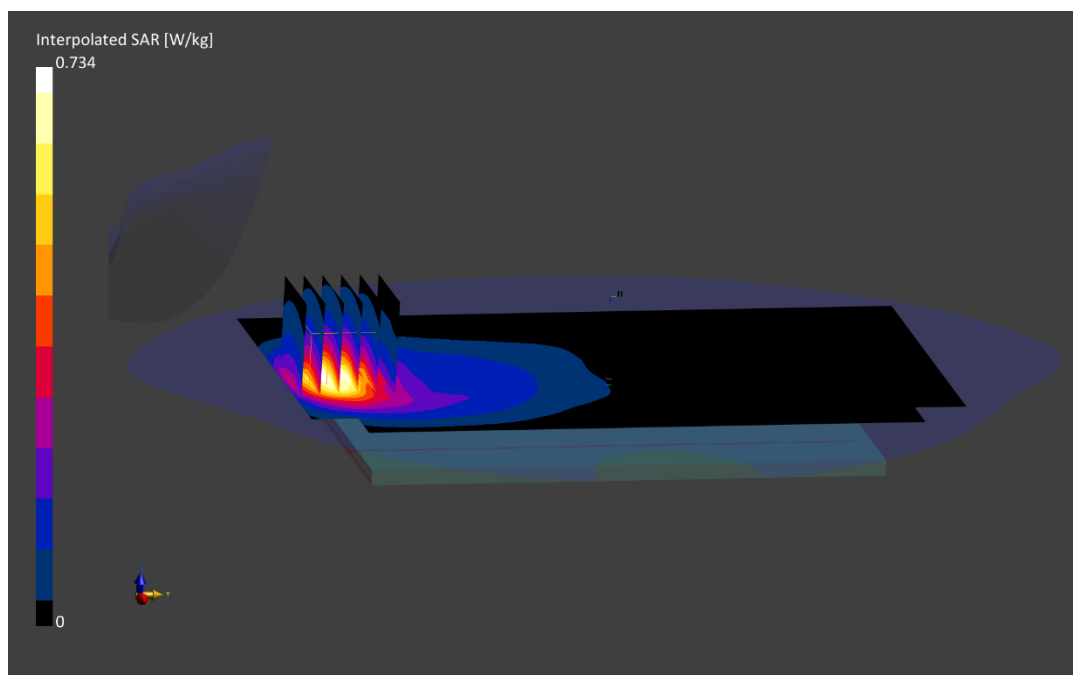
Reference Value = 0.56 W/kg; Power Drift = -0.18 dB

Peak SAR (extrapolated) = 1.07 W/kg

SAR(1 g) = 0.636 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 = 84.4 %



ELEMENT

DUT: A3LSMF721U; Type: Portable Handset; Serial: 0651M

Communication System: UID:10175 - CAG, LTE-FDD; MAIA: Y; Frequency: 2310.0 MHz

Medium: 2450 Body; Medium parameters used:

f = 2310.0 MHz; cond = 1.87 S/m; perm = 50.5; density = 1000 kg/m³

Phantom Section: Flat; Space: 15.00 mm

Test Date: 07/24/2022; Ambient Temp: 22.3°C; Tissue Temp: 21.3°C

Probe: EX3DV4 - SN7538; ConvF:(7.6,7.6,7.6); Calibrated: 2021-11-16

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

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

Phantom: Twin-SAM V8.0; Serial: 2056

Measurement SW: DASY Module SAR V16.0.2.83

**Mode: LTE Band 30, Body SAR, Open, Back Side, Mid Ch.,
10 MHz Bandwidth, QPSK, 1 RB, 49 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

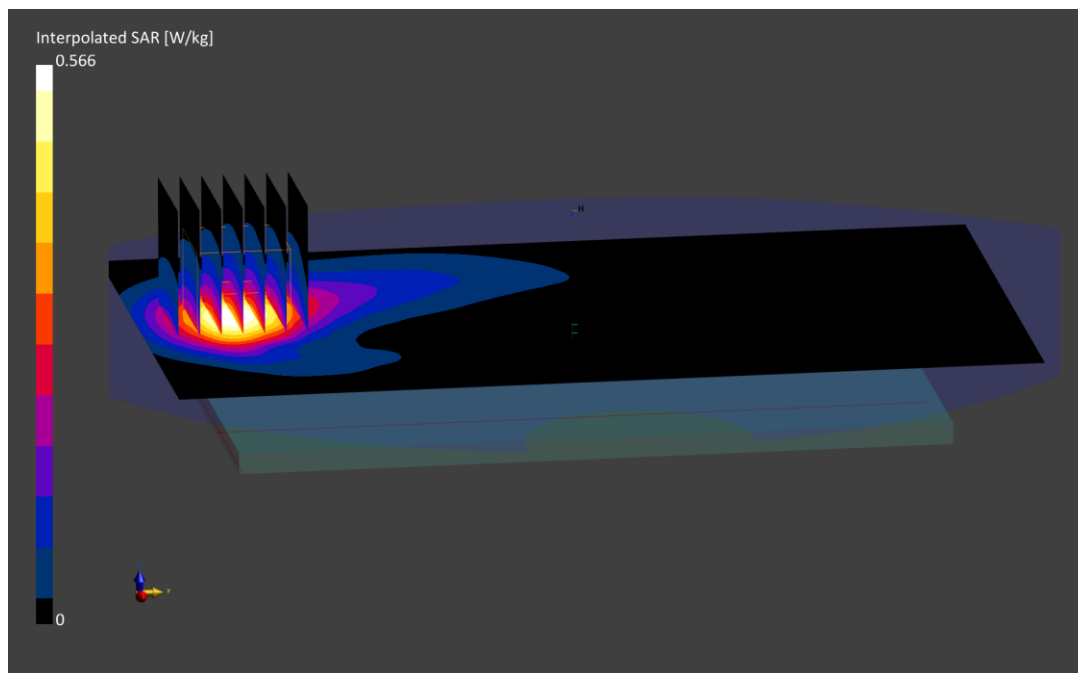
Reference Value = 0.42 W/kg; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.566 W/kg

SAR(1 g) = 0.332 W/kg

Smallest distance from peaks to all points 3 dB below is 13.3 mm

Ratio of SAR at M2 to SAR at M1 = 84.9 %



ELEMENT

DUT: A3LSMF721U; Type: Portable Handset; Serial: 0646M

Communication System: UID:10169 - CAE, LTE-FDD; MAIA: Y; Frequency: 2510.0 MHz

Medium: 2450 Body; Medium parameters used:

f = 2510.0 MHz; cond = 2.08 S/m; perm = 52.1; density = 1000 kg/m³

Phantom Section: Flat; Space: 15.00 mm

Test Date: 08/06/2022; Ambient Temp: 21.8°C; Tissue Temp: 21.5°C

Probe: EX3DV4 - SN7417; ConvF:(7.57,7.57,7.57); Calibrated: 2022-02-22

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

Electronics: DAE4 Sn665; Calibrated: 2022-02-22

Phantom: Twin-SAM V8.0; Serial: 2060

Measurement SW: DASY Module SAR V16.0.2.83

**Mode: LTE Band 7, Body SAR, Back Side, Low Ch,
20 MHz Bandwidth, QPSK, 1 RB, 0 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

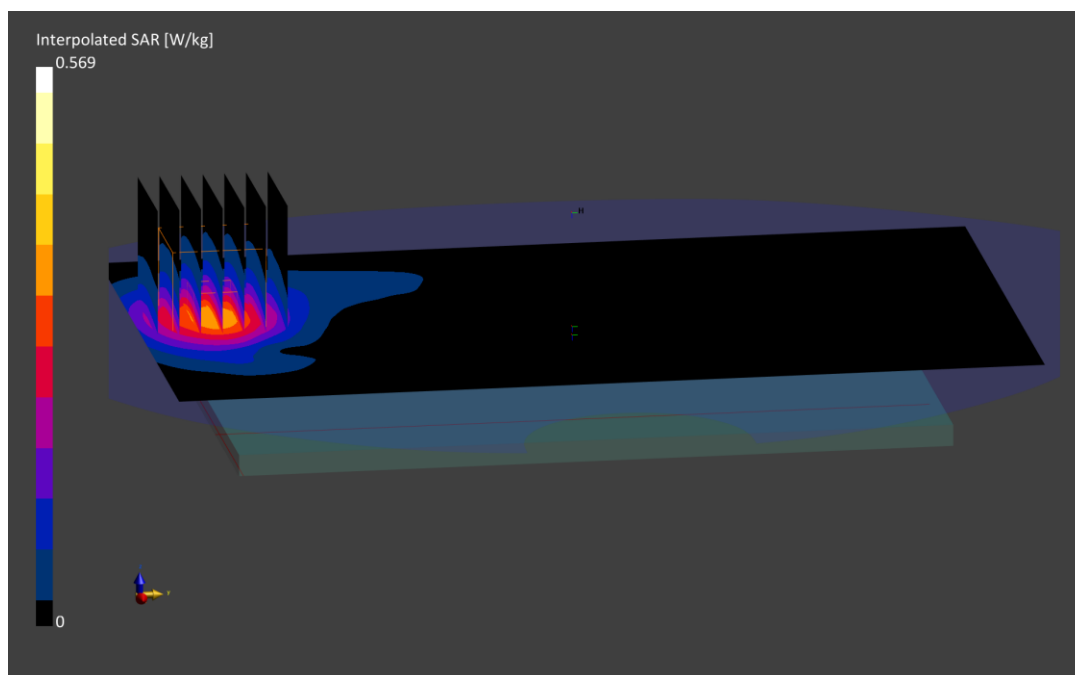
Reference Value = 0.40 W/kg; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 0.569 W/kg

SAR(1 g) = 0.309 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 = 81.6 %



ELEMENT

DUT: A3LSMF721U; Type: Portable Handset; Serial: 0646M

Communication System: UID:10172 - CAG, LTE-TDD; MAIA: Y; Frequency: 2680.0 MHz

Medium: 2450 Body; Medium parameters used:

f = 2680.0 MHz; cond = 2.31 S/m; perm = 51.1; density = 1000 kg/m³

Phantom Section: Flat; Space: 15.00 mm

Test Date: 08/08/2022; Ambient Temp: 22.4°C; Tissue Temp: 21.9°C

Probe: EX3DV4 - SN7417; ConvF:(7.4,7.4,7.4); Calibrated: 2022-02-22

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

Electronics: DAE4 Sn665; Calibrated: 2022-02-22

Phantom: Twin-SAM V8.0; Serial: 2060

Measurement SW: DASY Module SAR V16.0.2.83

Mode: LTE Band 41, Power Class 2 ULCA, Body SAR, Open, Back Side,

PCC: Ch 41490, 20 MHz Bandwidth, QPSK, 1 RB, 0 RB Offset

SCC: Ch 41292, 20 MHz Bandwidth, QPSK, 1 RB, 99 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

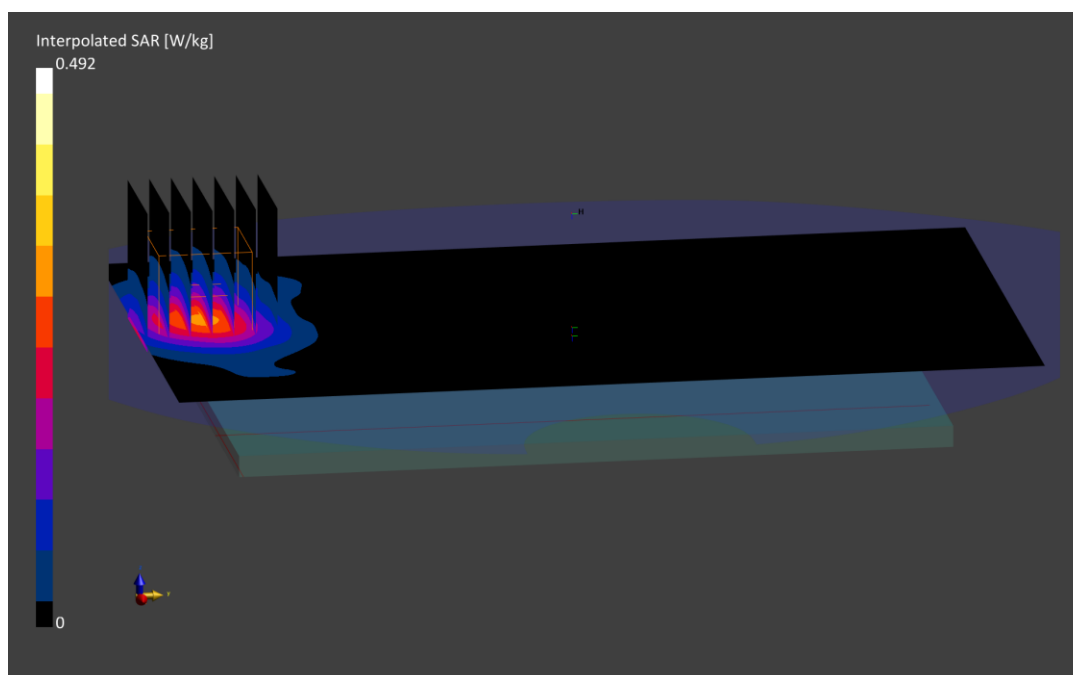
Reference Value = 0.32 W/kg; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 0.493 W/kg

SAR(1 g) = 0.252 W/kg

Smallest distance from peaks to all points 3 dB below is 12.4 mm

Ratio of SAR at M2 to SAR at M1 = 80.3 %



ELEMENT

DUT: A3LSMF721U; Type: Portable Handset; Serial: 0661M

Communication System: UID:10942 - AAC, 5G NR FR1 FDD; MAIA: Y; Frequency: 1745.0 MHz

Medium: 1750 Body; Medium parameters used:

$f = 1745.0$ MHz; $\text{cond} = 1.48$ S/m; $\text{perm} = 52.8$; $\text{density} = 1000$ kg/m³

Phantom Section: Flat; Space: 15.00 mm

Test Date: 07/26/2022; Ambient Temp: 21.9°C; Tissue Temp: 21.6°C

Probe: EX3DV4 - SN7660; ConvF:(9.22,9.22,9.22); Calibrated: 2022-05-18

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

Electronics: DAE4 Sn1678; Calibrated: 2022-05-10

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

Measurement SW: DASY Module SAR V16.0.2.136

Mode: NR Band n66, Body SAR, Open, Back Side, Ch. 349000
40 MHz Bandwidth, DFT-s-OFDM QPSK, 108 RB, 54 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

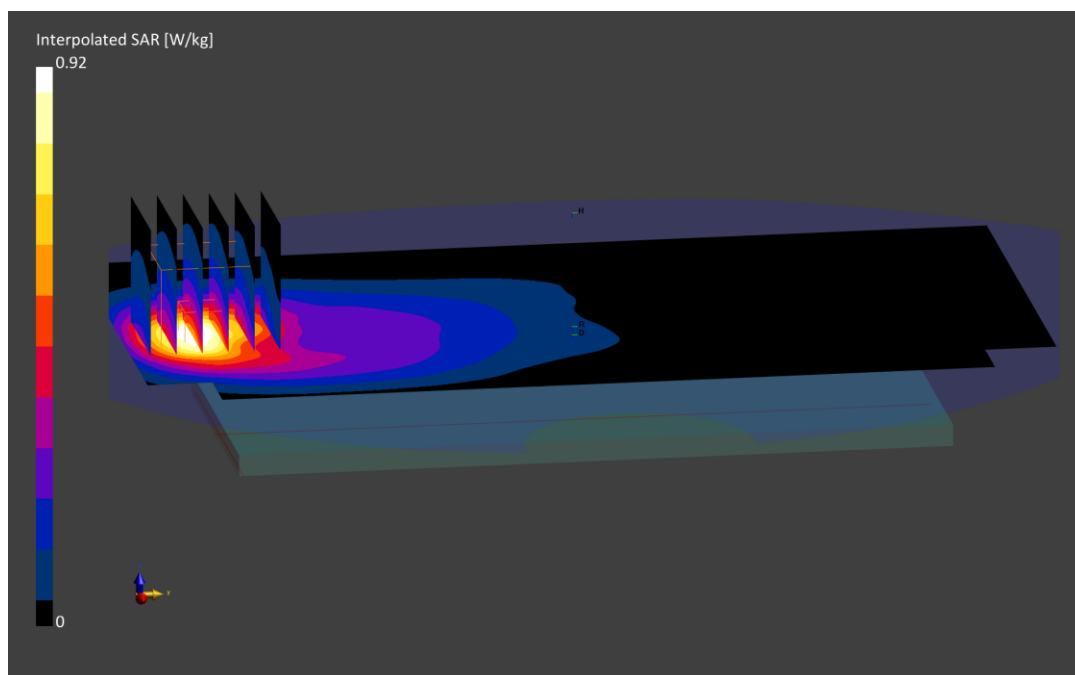
Reference Value = 0.48 W/kg; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.920 W/kg

SAR(1 g) = 0.552 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 = 84.8 %



ELEMENT

DUT: A3LSMF721U; Type: Portable Handset; Serial: 0651M

Communication System: UID:10929 - AAC, 5G NR FR1 FDD; MAIA: Y; Frequency: 2310.0 MHz

Medium: 2450 Body; Medium parameters used:

f = 2310.0 MHz; cond = 1.87 S/m; perm = 50.8; density = 1000 kg/m³

Phantom Section: Flat; Space: 15.00 mm

Test Date: 07/26/2022; Ambient Temp: 21.5°C; Tissue Temp: 21.5°C

Probe: EX3DV4 - SN7538; ConvF:(7.6,7.6,7.6); Calibrated: 2021-11-16

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

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

Phantom: Twin-SAM V8.0; Serial: 2056

Measurement SW: DASY Module SAR V16.0.2.83

**Mode: NR Band n30, Body SAR, Open, Back Side, Ch. 462000,
10 MHz Bandwidth, DFT-s-OFDM 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

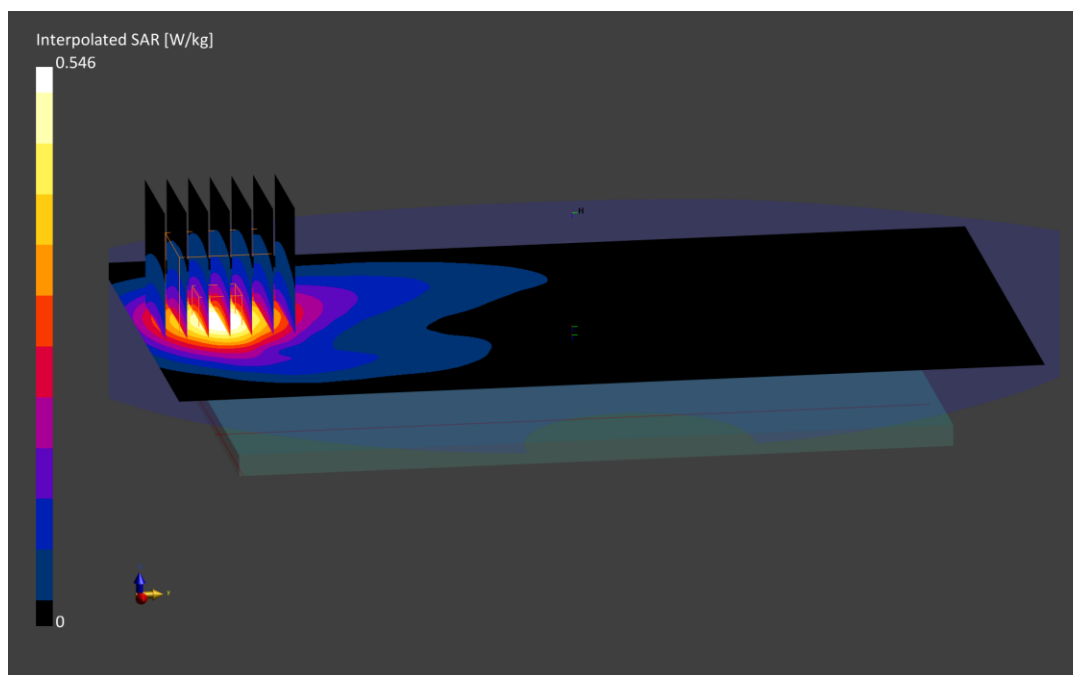
Reference Value = 0.40 W/kg; Power Drift = -0.15 dB

Peak SAR (extrapolated) = 0.546 W/kg

SAR(1 g) = 0.322 W/kg

Smallest distance from peaks to all points 3 dB below is 14.1 mm

Ratio of SAR at M2 to SAR at M1 = 85.1 %



ELEMENT

DUT: A3LSMF721U; Type: Portable Handset; Serial: 0651M

Communication System: UID:10942 - AAC, 5G NR FR1 FDD; MAIA: Y; Frequency: 2535.0 MHz

Medium: 2450 Body; Medium parameters used:

f = 2535.0 MHz; cond = 2.10 S/m; perm = 51.6; density = 1000 kg/m³

Phantom Section: Flat; Space: 15.00 mm

Test Date: 08/08/2022; Ambient Temp: 22.4°C; Tissue Temp: 21.9°C

Probe: EX3DV4 - SN7417; ConvF:(7.4,7.4,7.4); Calibrated: 2022-02-22

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

Electronics: DAE4 Sn665; Calibrated: 2022-02-22

Phantom: Twin-SAM V8.0; Serial: 2060

Measurement SW: DASY Module SAR V16.0.2.83

**Mode: NR Band n7, Body SAR, Open, Back Side, Ch. 507000,
40 MHz Bandwidth, DFT-s-OFDM QPSK, 108 RB, 54 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

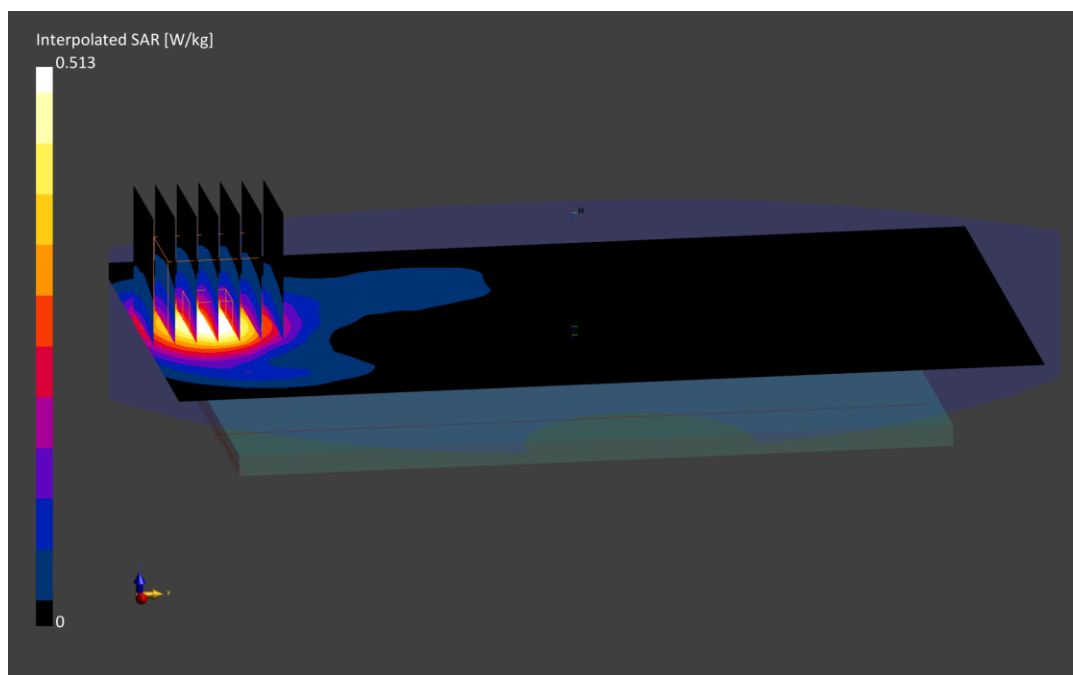
Reference Value = 0.36 W/kg; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 0.513 W/kg

SAR(1 g) = 0.274 W/kg

Smallest distance from peaks to all points 3 dB below is 14.3 mm

Ratio of SAR at M2 to SAR at M1 = 81.0 %



ELEMENT

DUT: A3LSMF721U; Type: Portable Handset; Serial: 0419M

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

Medium: 2450 Body; Medium parameters used:

f = 2593.0 MHz; cond = 2.23 S/m; perm = 51.3; density = 1000 kg/m³

Phantom Section: Flat; Space: 15.00 mm

Test Date: 08/08/2022; Ambient Temp: 23.5°C; Tissue Temp: 21.5°C

Probe: EX3DV4 - SN7570; ConvF:(7.37,7.37,7.37); Calibrated: 2022-01-19

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

Electronics: DAE4 Sn1558; Calibrated: 2022-01-14

Phantom: Twin-SAM V8.0; Serial: 20063

Measurement SW: DASY Module SAR V16.0.0.116

**Mode: NR Band n41, Antenna C, Body SAR, Open, Back Side, Ch.518598,
100 MHz Bandwidth, CW/SRS**

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

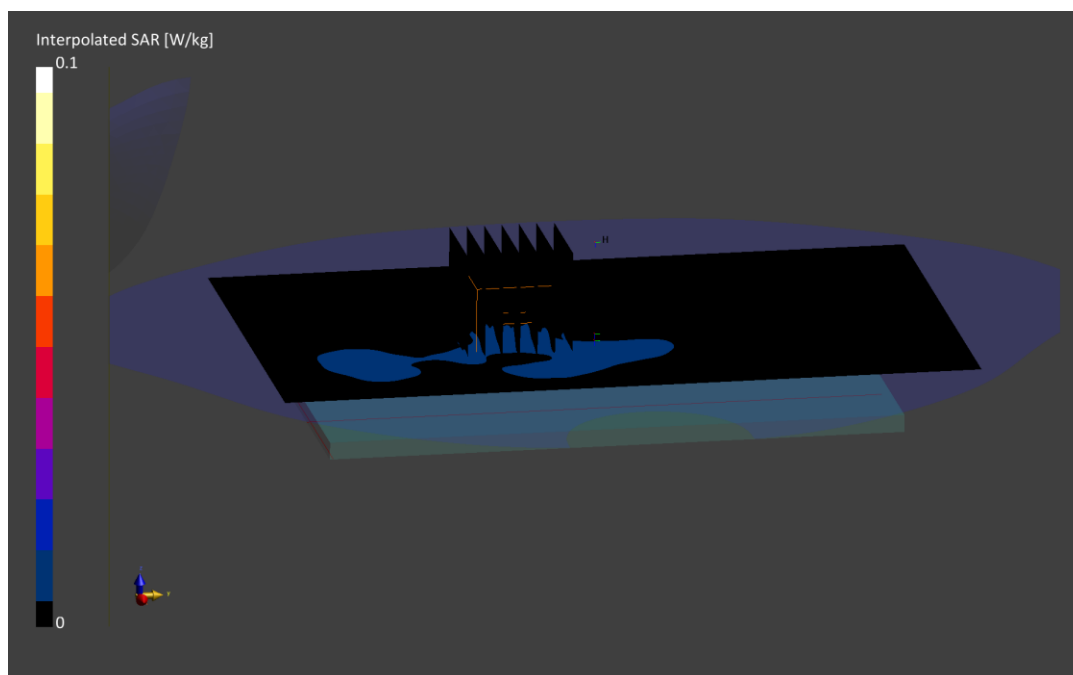
Reference Value = 0.01 W/kg; Power Drift = 0.14 dB

Peak SAR (extrapolated) = 0.025 W/kg

SAR(1 g) = 0.012 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 = 76.9 %



ELEMENT

DUT: A3LSMF721U; Type: Portable Handset; Serial: 1309M

Communication System: UID:10415 - AAA, WLAN; MAIA: Y; Frequency: 2412.0 MHz

Medium: 2450 Body; Medium parameters used:

f = 2412.0 MHz; cond = 1.99 S/m; perm = 52.8; density = 1000 kg/m³

Phantom Section: Flat; Space: 15.00 mm

Test Date: 08/01/2022; Ambient Temp: 21.0°C; Tissue Temp: 20.4°C

Probe: EX3DV4 - SN7538; ConvF:(7.43,7.43,7.43); Calibrated: 2021-11-16

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

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

Phantom: Twin-SAM V8.0; Serial: 2056

Measurement SW: DASY Module SAR V16.0.2.136

**Mode: IEEE 802.11b, 22 MHz Bandwidth, Antenna 1,
Open, Body SAR, Open, Back Side, Ch. 1, 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

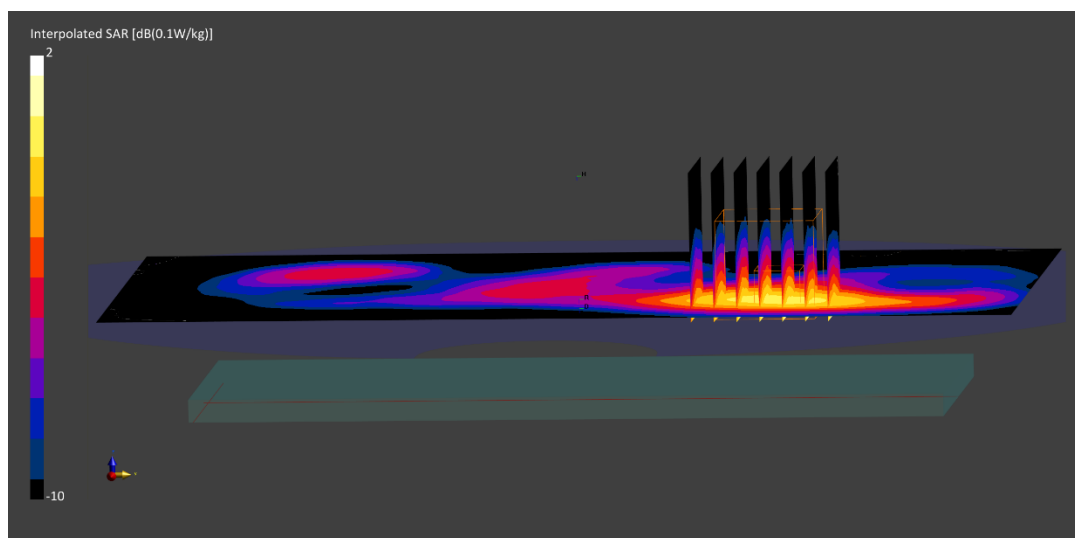
Reference Value = 0.09 W/kg; Power Drift = -0.10 dB

Peak SAR (extrapolated) = 0.135 W/kg

SAR(1 g) = 0.073 W/kg

Smallest distance from peaks to all points 3 dB below is 18.0 mm

Ratio of SAR at M2 to SAR at M1 = 79.4 %



ELEMENT

DUT: A3LSMF721U; Type: Portable Handset; Serial: 0414M

Communication System: UID:10011 - CAB, WCDMA; MAIA: Y; Frequency: 1752.6 MHz

Medium: 1750 Body; Medium parameters used:

f = 1752.6 MHz; cond = 1.50 S/m; perm = 52.5; density = 1000 kg/m³

Phantom Section: Flat; Space: 5.00 mm

Test Date: 07/24/2022; Ambient Temp: 23.4°C; Tissue Temp: 21.9°C

Probe: EX3DV4 - SN7660; ConvF:(9.22,9.22,9.22); Calibrated: 2022-05-18

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

Electronics: DAE4 Sn1678; Calibrated: 2022-05-10

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

Measurement SW: DASY Module SAR V16.0.2.136

Mode: UMTS 1750, Body SAR. Closed, Bottom Edge, High Ch.

Area Scan (60.0 x 120.0): Measurement grid: dx=15.0 mm, dy=15.0 mm

Zoom Scan (30.0 x 30.0 x 30.0): Measurement grid: dx=5.8 mm, dy=5.8 mm, dz=1.5 mm; Graded Ratio: 1.5

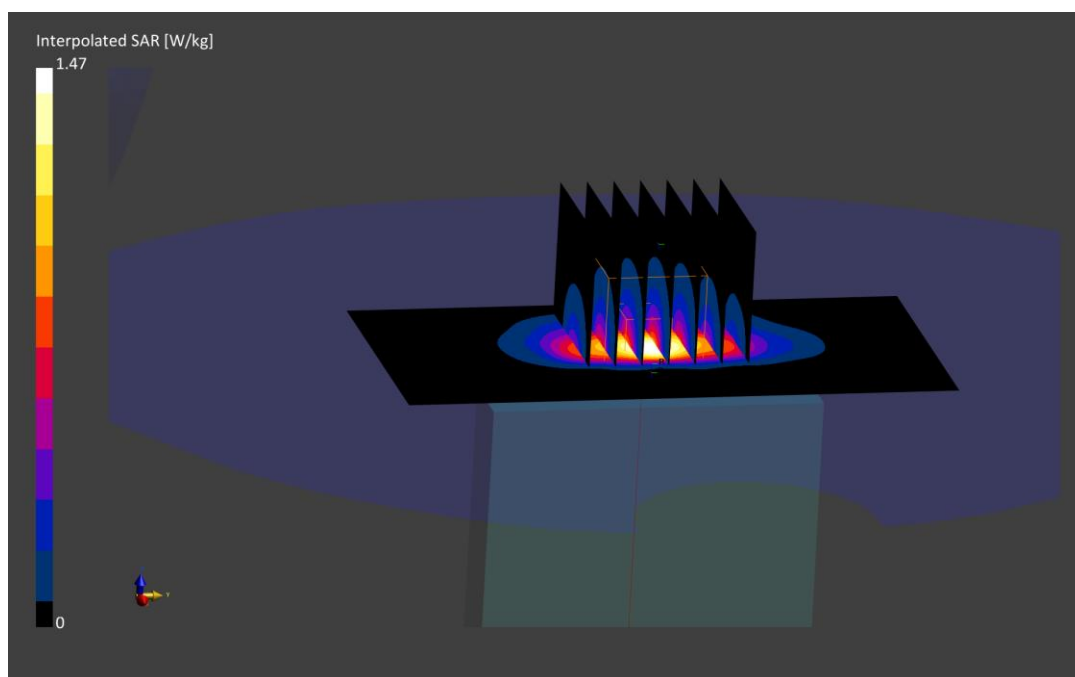
Reference Value = 0.53 W/kg; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 1.47 W/kg

SAR(1 g) = 0.712 W/kg

Smallest distance from peaks to all points 3 dB below is 7.0 mm

Ratio of SAR at M2 to SAR at M1 = 81.9 %



ELEMENT

DUT: A3LSMF721U; Type: Portable Handset; Serial: 0414M

Communication System: UID:10175 - CAG, LTE-FDD; MAIA: Y; Frequency: 1775.0 MHz

Medium: 1750 Body; Medium parameters used:

f = 1775.0 MHz; cond = 1.56 S/m; perm = 52.7; density = 1000 kg/m³

Phantom Section: Flat; Space: 5.00 mm

Test Date: 08/01/2022; Ambient Temp: 20.9°C; Tissue Temp: 20.2°C

Probe: EX3DV4 - SN7660; ConvF:(9.22,9.22,9.22); Calibrated: 2022-05-18

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

Electronics: DAE4 Sn1678; Calibrated: 2022-05-10

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

Measurement SW: DASY Module SAR V16.0.2.136

Mode: LTE Band 66 (AWS) ULCA 66B, Body SAR, Closed, Bottom Edge, High Ch.,

PCC: Ch 132622, 10 MHz Bandwidth, QPSK, 1 RB, 0 RB Offset

SCC: Ch 132523, 10 MHz Bandwidth, QPSK, 1 RB, 49 RB Offset

Area Scan (60.0 x 120.0): Measurement grid: dx=15.0 mm, dy=15.0 mm

Zoom Scan (30.0 x 30.0 x 30.0): Measurement grid: dx=5.8 mm, dy=5.8 mm, dz=1.5 mm; Graded Ratio: 1.5

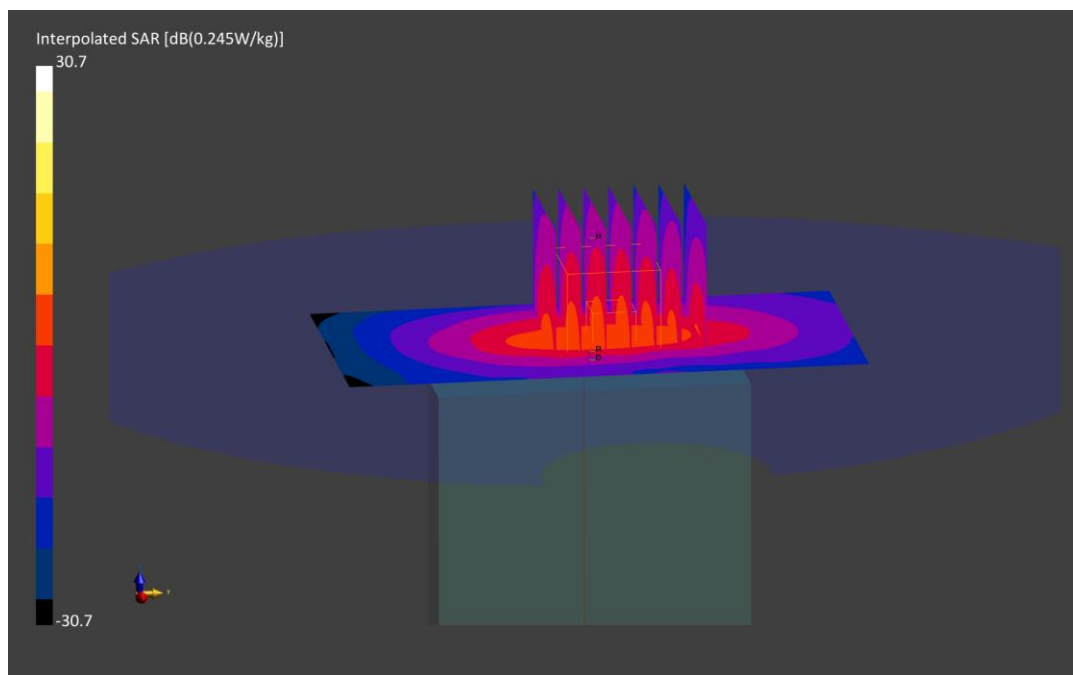
Reference Value = 0.45 W/kg; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 1.15 W/kg

SAR(1 g) = 0.573 W/kg

Smallest distance from peaks to all points 3 dB below is 7.0 mm

Ratio of SAR at M2 to SAR at M1 = 80.7 %



ELEMENT

DUT: A3LSMF721U; Type: Portable Handset; Serial: 0651M

Communication System: UID:10175 - CAG, LTE-FDD; MAIA: Y; Frequency: 2310.0 MHz

Medium: 2450 Body; Medium parameters used:

f = 2310.0 MHz; cond = 1.87 S/m; perm = 50.8; density = 1000 kg/m³

Phantom Section: Flat; Space: 5.00 mm

Test Date: 07/26/2022; Ambient Temp: 21.5°C; Tissue Temp: 21.5°C

Probe: EX3DV4 - SN7538; ConvF:(7.6,7.6,7.6); Calibrated: 2021-11-16

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

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

Phantom: Twin-SAM V8.0; Serial: 2056

Measurement SW: DASY Module SAR V16.0.2.83

Mode: LTE Band 30, Body SAR, Closed, Bottom Edge
10 MHz Bandwidth, Mid Ch., QPSK, 1 RB, 49 RB Offset

Area Scan (60.0 x 120.0): 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

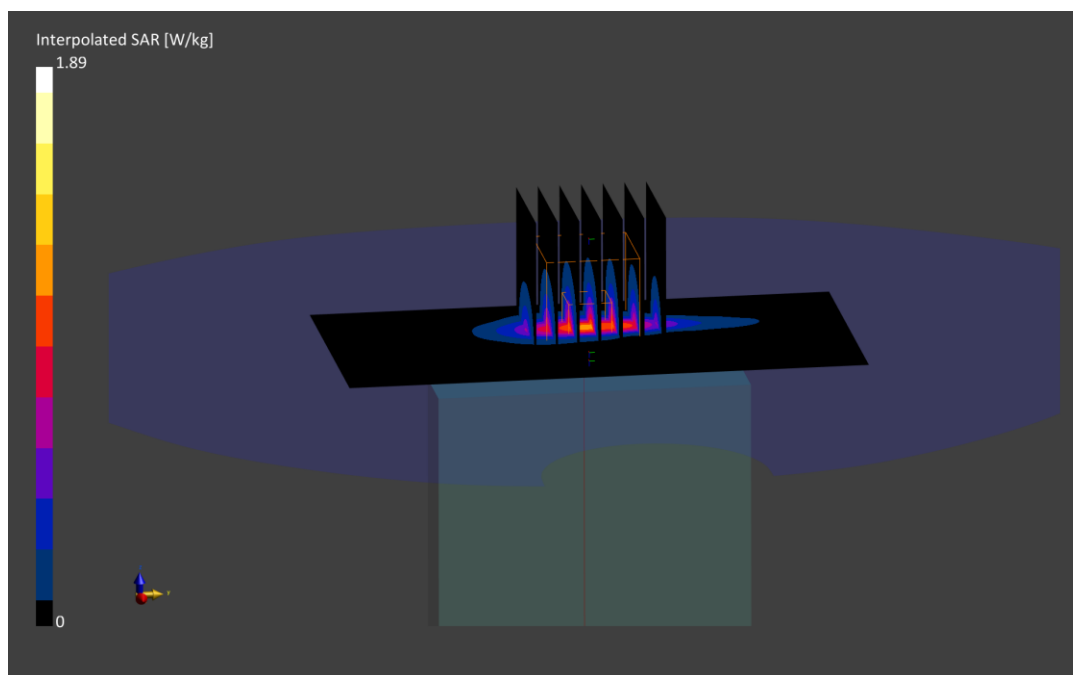
Reference Value = 1.19 W/kg; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 1.89 W/kg

SAR(1 g) = 0.849 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 = 80.0 %



ELEMENT

DUT: A3LSMF721U; Type: Portable Handset; Serial: 0646M

Communication System: UID:10169 - CAE, LTE-FDD; MAIA: Y; Frequency: 2560.0 MHz

Medium: 2450 Body; Medium parameters used:

f = 2560.0 MHz; cond = 2.15 S/m; perm = 51.9; density = 1000 kg/m³

Phantom Section: Flat; Space: 10.00 mm

Test Date: 08/06/2022; Ambient Temp: 21.8°C; Tissue Temp: 21.5°C

Probe: EX3DV4 - SN7417; ConvF:(7.4,7.4,7.4); Calibrated: 2022-02-22

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

Electronics: DAE4 Sn665; Calibrated: 2022-02-22

Phantom: Twin-SAM V8.0; Serial: 2060

Measurement SW: DASY Module SAR V16.0.2.136

**Mode: LTE Band 7, Body SAR, Open, Bottom Edge, High Ch,
20 MHz Bandwidth, QPSK, 1 RB, 99 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

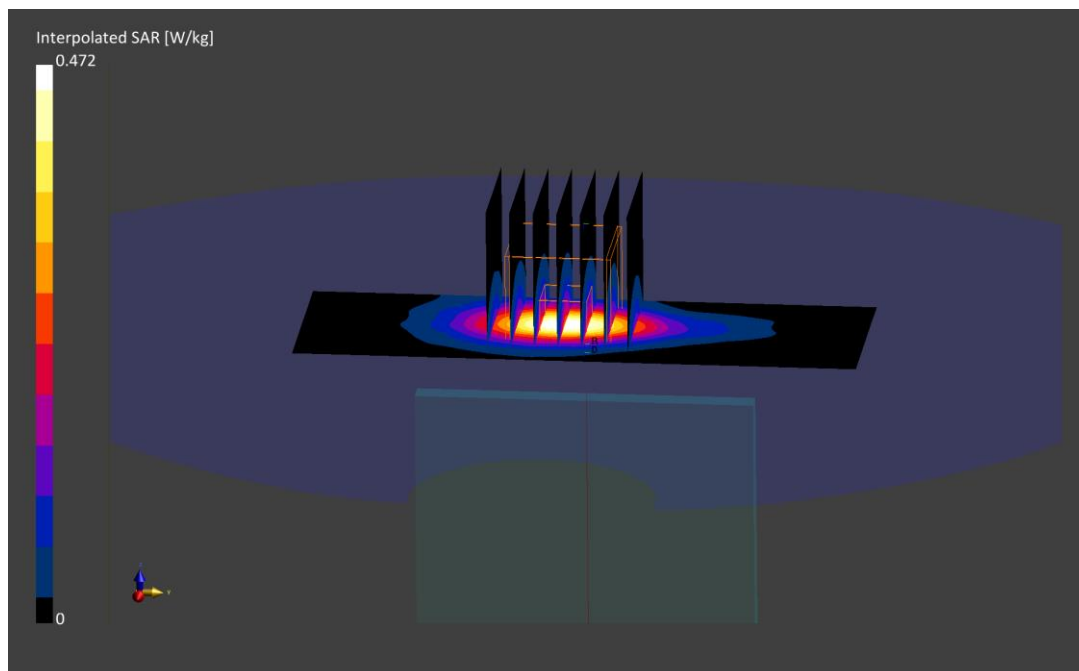
Reference Value = 0.31 W/kg; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.472 W/kg

SAR(1 g) = 0.228 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 = 79.1 %



ELEMENT

DUT: A3LSMF721U; Type: Portable Handset; Serial: 0646M

Communication System: UID:10494 - AAF, LTE-TDD; MAIA: Y; Frequency: 2593.0 MHz

Medium: 2450 Body; Medium parameters used:

f = 2593.0 MHz; cond = 2.18 S/m; perm = 51.4; density = 1000 kg/m³

Phantom Section: Flat; Space: 10.00 mm

Test Date: 08/08/2022; Ambient Temp: 22.4°C; Tissue Temp: 21.9°C

Probe: EX3DV4 - SN7417; ConvF:(7.4,7.4,7.4); Calibrated: 2022-02-22

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

Electronics: DAE4 Sn665; Calibrated: 2022-02-22

Phantom: Twin-SAM V8.0; Serial: 2060

Measurement SW: DASY Module SAR V16.0.2.83

**Mode: LTE Band 41, Body SAR, Open, Bottom Edge, Mid 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

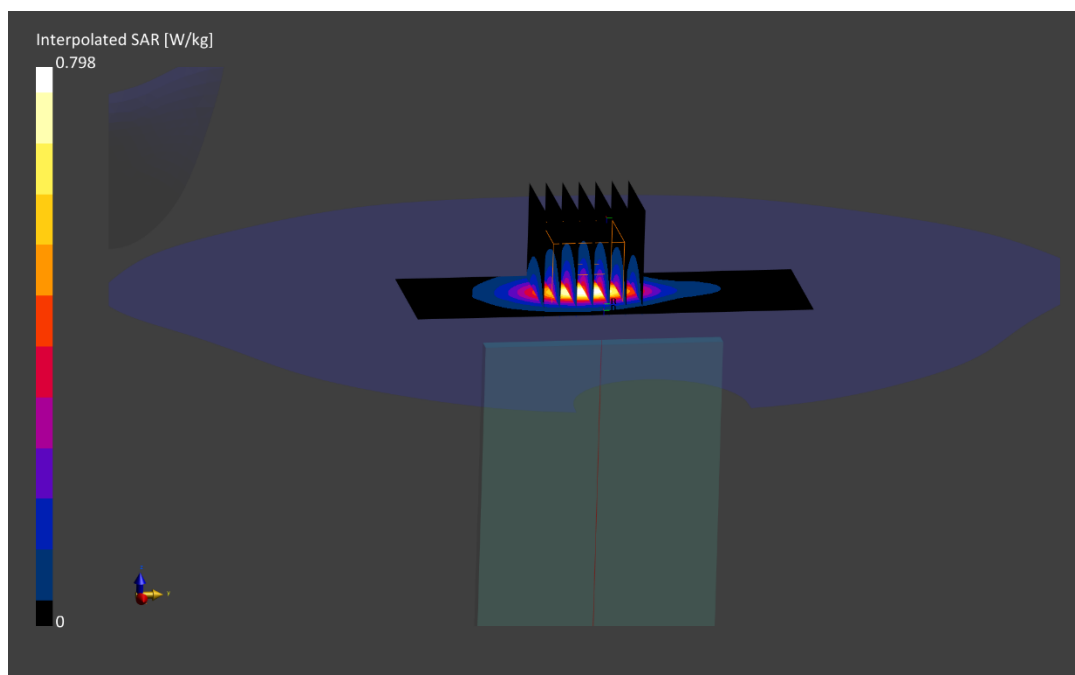
Reference Value = 0.52 W/kg; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 0.799 W/kg

SAR(1 g) = 0.380 W/kg

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

Ratio of SAR at M2 to SAR at M1 = 79.0 %



ELEMENT

DUT: A3LSMF721U; Type: Portable Handset; Serial: 0661M

Communication System: UID:10773 - AAD, CW; MAIA: Y; Frequency: 1745.0 MHz

Medium: 1750 Body; Medium parameters used:

f = 1745.0 MHz; cond = 1.48 S/m; perm = 52.8; density = 1000 kg/m³

Phantom Section: Flat; Space: 5.00 mm

Test Date: 07/26/2022; Ambient Temp: 21.9°C; Tissue Temp: 21.6°C

Probe: EX3DV4 - SN7660; ConvF:(9.22,9.22,9.22); Calibrated: 2022-05-18

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

Electronics: DAE4 Sn1678; Calibrated: 2022-05-10

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

Measurement SW: DASY Module SAR V16.0.2.136

**Mode: NR Band n66, Body SAR, Closed, Bottom Edge, Ch. 349000,
40 MHz Bandwidth, CP-OFDM QPSK, 1 RB, 1 RB Offset**

Area Scan (60.0 x 120.0): Measurement grid: dx=15.0 mm, dy=15.0 mm

Zoom Scan (30.0 x 30.0 x 30.0): Measurement grid: dx=5.8 mm, dy=5.8 mm, dz=1.5 mm; Graded Ratio: 1.5

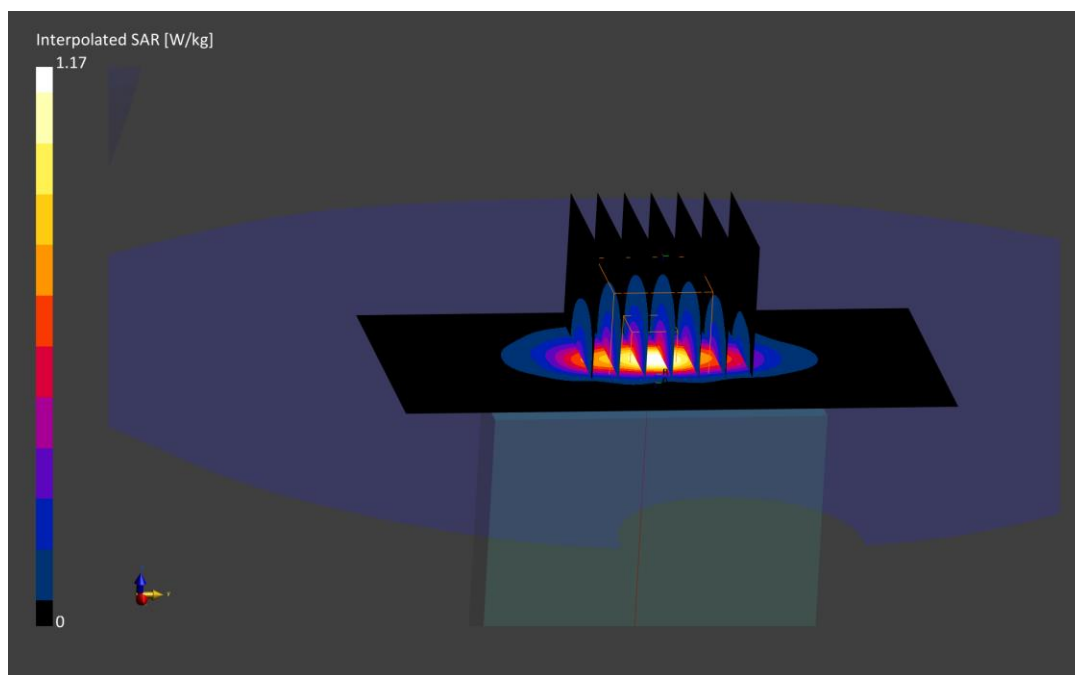
Reference Value = 0.42 W/kg; Power Drift = 0.00 dB

Peak SAR (extrapolated) = 1.17 W/kg

SAR(1 g) = 0.560 W/kg

Smallest distance from peaks to all points 3 dB below is 7.0 mm

Ratio of SAR at M2 to SAR at M1 = 79.5 %



ELEMENT

DUT: A3LSMF721U; Type: Portable Handset; Serial: 0651M

Communication System: UID:10937 - AAC, 5G NR FR1 FDD; MAIA: Y; Frequency: 2310.0 MHz

Medium: 2450 Body; Medium parameters used:

f = 2310.0 MHz; cond = 1.87 S/m; perm = 50.8; density = 1000 kg/m³

Phantom Section: Flat; Space: 5.00 mm

Test Date: 07/26/2022; Ambient Temp: 21.5°C; Tissue Temp: 21.5°C

Probe: EX3DV4 - SN7538; ConvF:(7.6,7.6,7.6); Calibrated: 2021-11-16

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

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

Phantom: Twin-SAM V8.0; Serial: 2056

Measurement SW: DASY Module SAR V16.0.2.83

**Mode: NR Band n30, Body SAR, Closed, Bottom Edge, Ch. 462000,
10 MHz Bandwidth, DFT-s-OFDM QPSK, 25 RB, 14 RB Offset**

Area Scan (60.0 x 120.0): 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

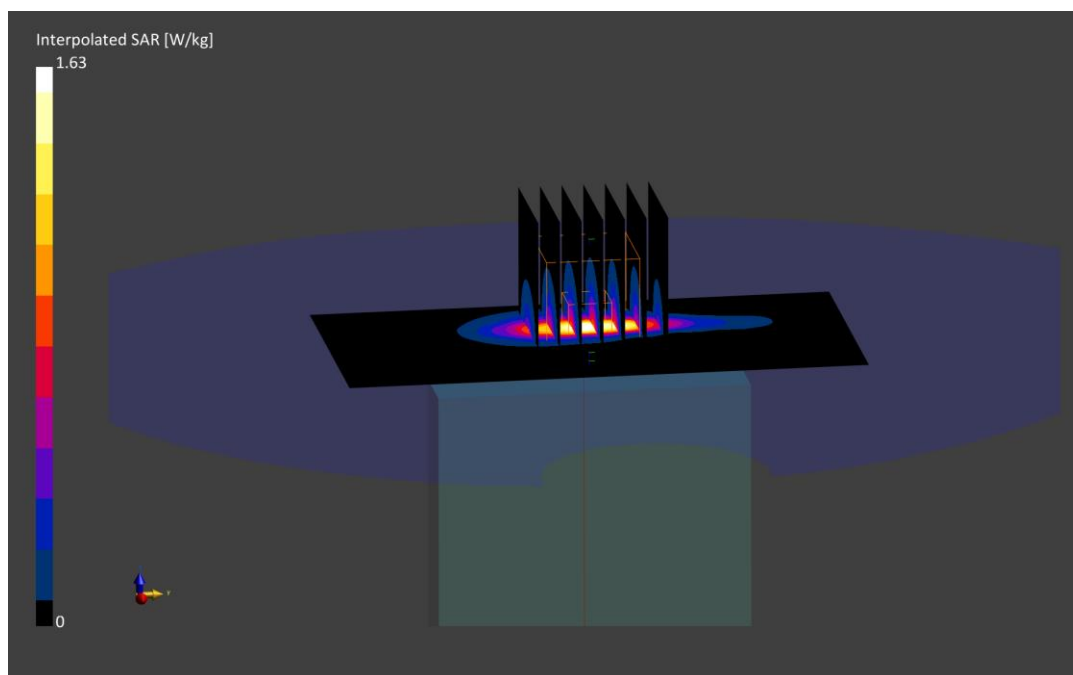
Reference Value = 1.02 W/kg; Power Drift = 0.00 dB

Peak SAR (extrapolated) = 1.63 W/kg

SAR(1 g) = 0.730 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 = 79.3 %



ELEMENT

DUT: A3LSMF721U; Type: Portable Handset; Serial: 0651M

Communication System: UID:10934 - AAC, 5G NR FR1 FDD; MAIA: Y; Frequency: 2535.0 MHz

Medium: 2450 Body; Medium parameters used:

f = 2535.0 MHz; cond = 2.10 S/m; perm = 51.6; density = 1000 kg/m³

Phantom Section: Flat; Space: 10.00 mm

Test Date: 08/08/2022; Ambient Temp: 22.4°C; Tissue Temp: 21.9°C

Probe: EX3DV4 - SN7417; ConvF:(7.4,7.4,7.4); Calibrated: 2022-02-22

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

Electronics: DAE4 Sn665; Calibrated: 2022-02-22

Phantom: Twin-SAM V8.0; Serial: 2060

Measurement SW: DASY Module SAR V16.0.2.83

**Mode: NR Band n7, Body SAR, Open, Bottom Edge, Ch. 507000
40 MHz Bandwidth, DFT-s-OFDM QPSK, 1 RB, 108 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

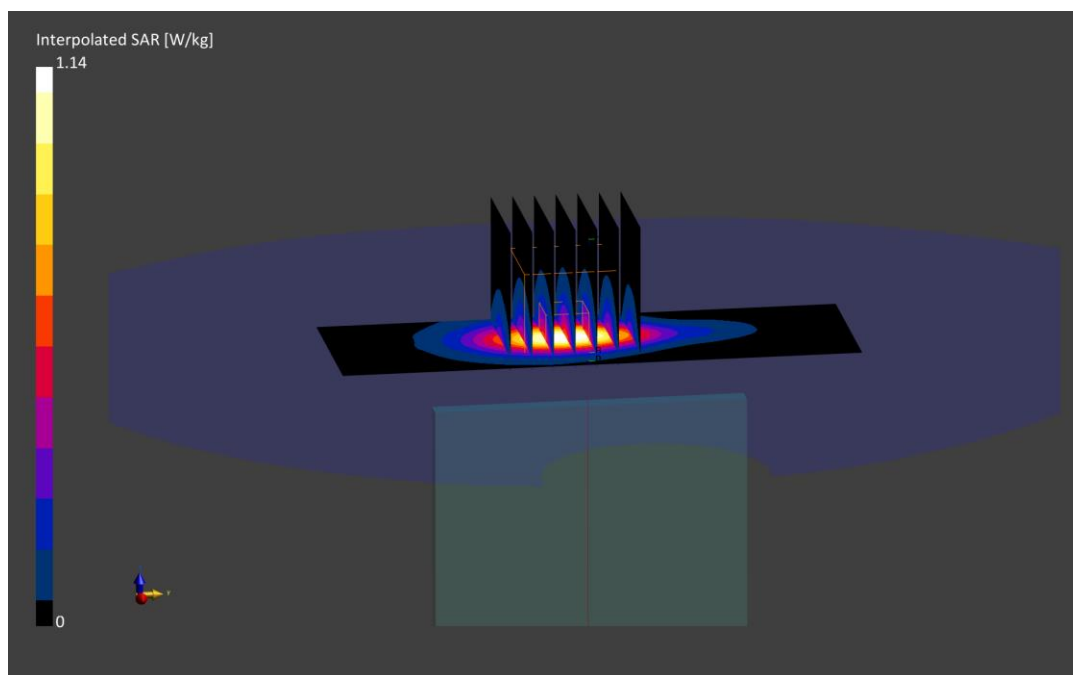
Reference Value = 0.74 W/kg; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 1.14 W/kg

SAR(1 g) = 0.551 W/kg

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

Ratio of SAR at M2 to SAR at M1 = 79.0 %



ELEMENT

DUT: A3LSMF721U; Type: Portable Handset; Serial: 0419M

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

Medium: 2450 Body; Medium parameters used:

f = 2593.0 MHz; cond = 2.23 S/m; perm = 51.3; density = 1000 kg/m³

Phantom Section: Flat; Space: 10.00 mm

Test Date: 08/08/2022; Ambient Temp: 23.5°C; Tissue Temp: 21.5°C

Probe: EX3DV4 - SN7570; ConvF:(7.37,7.37,7.37); Calibrated: 2022-01-19

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

Electronics: DAE4 Sn1558; Calibrated: 2022-01-14

Phantom: Twin-SAM V8.0; Serial: 20063

Measurement SW: DASY Module SAR V16.0.2.136

**Mode: NR Band n41, Antenna C, Body SAR, Open, Left Edge, Ch.518598,
100 MHz Bandwidth, CW/SRS**

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

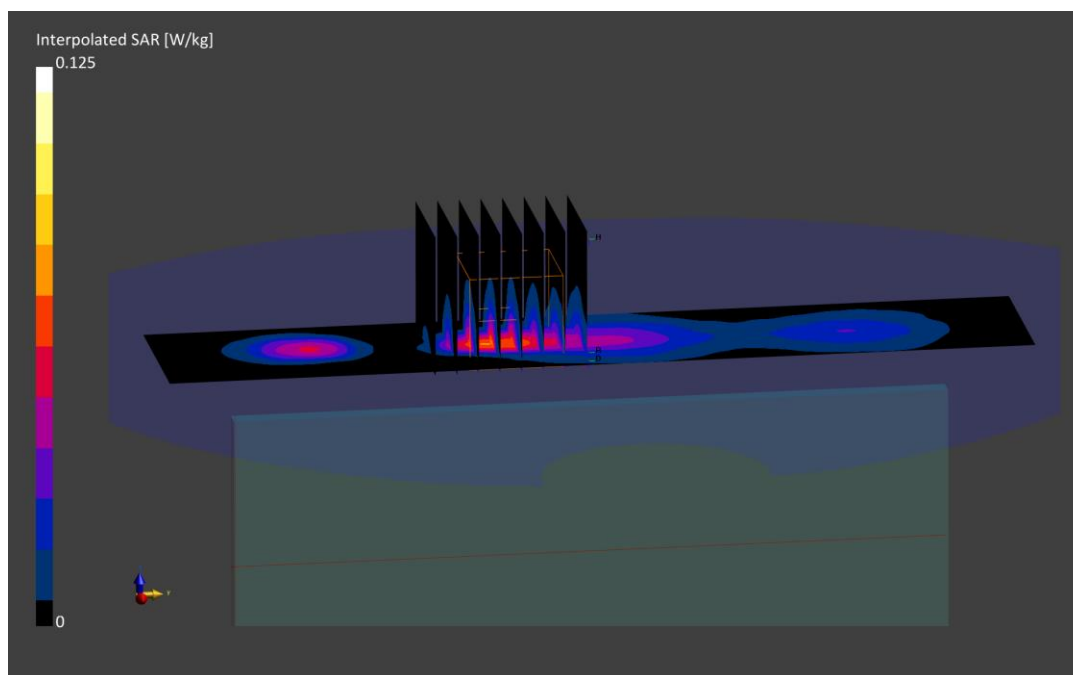
Reference Value = 0.06 W/kg; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.125 W/kg

SAR(1 g) = 0.057 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 = 81.7 %



ELEMENT

DUT: A3LSMF721U; Type: Portable Handset; Serial: 1309M

Communication System: UID:10415 - AAA, WLAN; MAIA: Y; Frequency: 2412.0 MHz

Medium: 2450 Body; Medium parameters used:

f = 2412.0 MHz; cond = 1.99 S/m; perm = 52.8; density = 1000 kg/m³

Phantom Section: Flat; Space: 5.00 mm

Test Date: 08/01/2022; Ambient Temp: 21.0°C; Tissue Temp: 20.4°C

Probe: EX3DV4 - SN7538; ConvF:(7.43,7.43,7.43); Calibrated: 2021-11-16

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

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

Phantom: Twin-SAM V8.0; Serial: 2056

Measurement SW: DASY Module SAR V16.0.2.83

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

Area Scan (60.0 x 120.0): Measurement grid: dx=10.0 mm, dy=10.0 mm

Zoom Scan (30.0 x 30.0 x 30.0): Measurement grid: dx=4.6 mm, dy=4.6 mm, dz=1.5 mm; Graded Ratio: 1.5

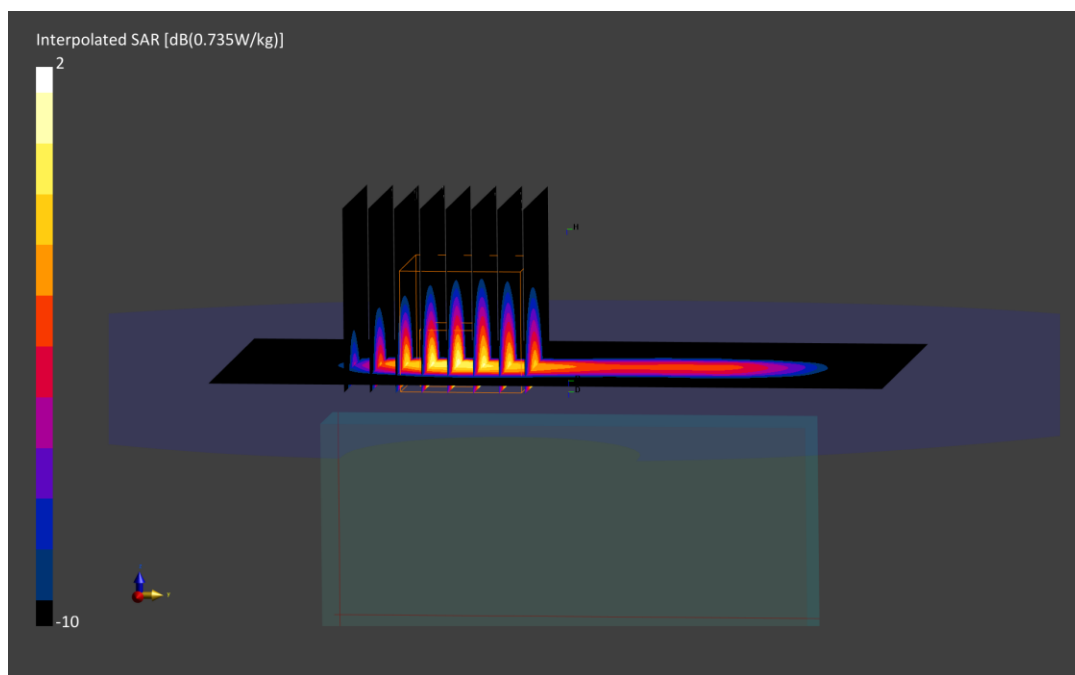
Reference Value = 0.85 W/kg; Power Drift = 0.09 dB

Peak SAR (extrapolated) = 1.52 W/kg

SAR(1 g) = 0.604 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 = 73.2 %



ELEMENT

DUT: A3LSMF721U; Type: Portable Handset; Serial: 0414M

Communication System: UID:10011 - CAB, WCDMA; MAIA: Y; Frequency: 1712.4 MHz

Medium: 1750 Body; Medium parameters used:

f = 1712.4 MHz; cond = 1.47 S/m; perm = 52.6; density = 1000 kg/m³

Phantom Section: Flat; Space: 6.00 mm

Test Date: 07/24/2022; Ambient Temp: 23.4°C; Tissue Temp: 21.9°C

Probe: EX3DV4 - SN7660; ConvF:(9.22,9.22,9.22); Calibrated: 2022-05-18

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

Electronics: DAE4 Sn1678; Calibrated: 2022-05-10

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

Measurement SW: DASY Module SAR V16.0.2.136

Mode: UMTS 1750, Phablet SAR. Front Side, Low 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=5.4 mm, dy=5.4 mm, dz=1.5 mm; Graded Ratio: 1.5

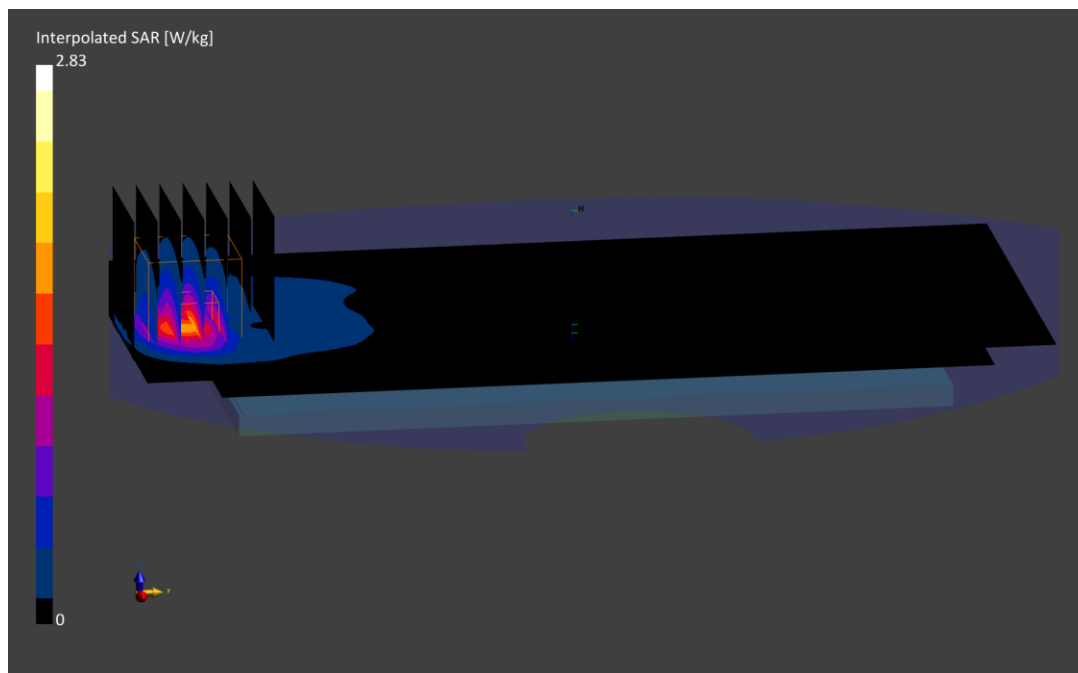
Reference Value = 1.18 W/kg; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 2.83 W/kg

SAR(10 g) = 0.727 W/kg

Smallest distance from peaks to all points 3 dB below is 7.6 mm

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



ELEMENT

DUT: A3LSMF721U; Type: Portable Handset; Serial: 0661M

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

Medium: 1750 Body; Medium parameters used:

f = 1770.0 MHz; cond = 1.51 S/m; perm = 52.6; density = 1000 kg/m³

Phantom Section: Flat; Space: 6.00 mm

Test Date: 07/28/2022; Ambient Temp: 22.6°C; Tissue Temp: 21.4°C

Probe: EX3DV4 - SN7660; ConvF:(9.22,9.22,9.22); Calibrated: 2022-05-18

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

Electronics: DAE4 Sn1678; Calibrated: 2022-05-10

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

Measurement SW: DASY Module SAR V16.0.2.136

**Mode: LTE Band 66 (AWS), Phablet SAR, Front side, High 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=5.3 mm, dy=5.3 mm, dz=1.4 mm; Graded Ratio: 1.4

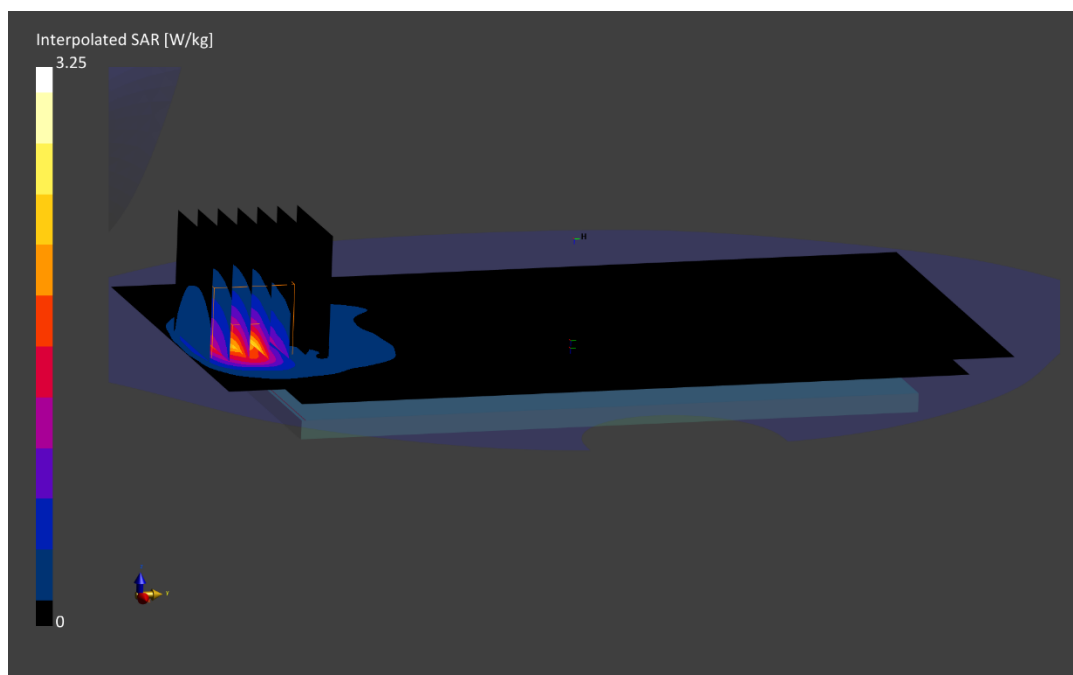
Reference Value = 1.67 W/kg; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 4.08 W/kg

SAR(10 g) = 0.927 W/kg

Smallest distance from peaks to all points 3 dB below is 6.4 mm

Ratio of SAR at M2 to SAR at M1 = 80.1 %



ELEMENT

DUT: A3LSMF721U; Type: Portable Handset; Serial: 0651M

Communication System: UID:10175 - CAG, LTE-FDD; MAIA: Y; Frequency: 2310.0 MHz

Medium: 2450 Body; Medium parameters used:

f = 2310.0 MHz; cond = 1.87 S/m; perm = 50.5; density = 1000 kg/m³

Phantom Section: Flat; Space: 0.00 mm

Test Date: 07/24/2022; Ambient Temp: 22.3°C; Tissue Temp: 21.3°C

Probe: EX3DV4 - SN7538; ConvF:(7.6,7.6,7.6); Calibrated: 2021-11-16

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

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

Phantom: Twin-SAM V8.0; Serial: 2056

Measurement SW: DASY Module SAR V16.0.2.83

**Mode: LTE Band 30, Phablet SAR, Back Side, Mid Ch.,
10 MHz Bandwidth, QPSK, 1 RB, 49 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=4.0 mm, dy=4.0 mm, dz=1.4 mm; Graded Ratio: 1.4

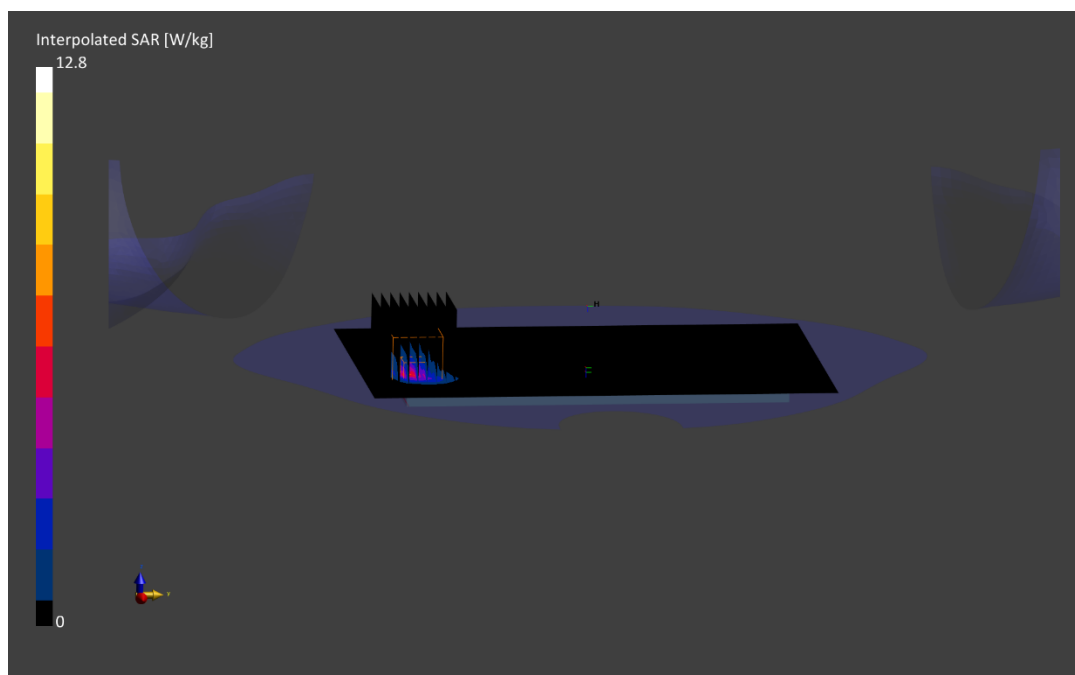
Reference Value = 7.09 W/kg; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 12.8 W/kg

SAR(10 g) = 1.78 W/kg

Smallest distance from peaks to all points 3 dB below is 5.6 mm

Ratio of SAR at M2 to SAR at M1 = 72.6 %



ELEMENT

DUT: A3LSMF721U; Type: Portable Handset; Serial: 0646M

Communication System: UID:10297 - AAD, LTE-FDD; MAIA: Y; Frequency: 2560.0 MHz

Medium: 2450 Body; Medium parameters used:

f = 2560.0 MHz; cond = 2.18 S/m; perm = 50.7; density = 1000 kg/m³

Phantom Section: Flat; Space: 0.00 mm

Test Date: 08/11/2022; Ambient Temp: 21.9°C; Tissue Temp: 21.0°C

Probe: EX3DV4 - SN7417; ConvF:(7.4,7.4,7.4); Calibrated: 2022-02-22

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

Electronics: DAE4 Sn665; Calibrated: 2022-02-22

Phantom: Twin-SAM V8.0; Serial: 2060

Measurement SW: DASY Module SAR V16.0.0.116

**Mode: LTE Band 7, Phablet SAR, Bottom Edge, High Ch., 20 MHz Bandwidth
QPSK, 50 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=4.0 mm, dy=4.0 mm, dz=1.4 mm; Graded Ratio: 1.4

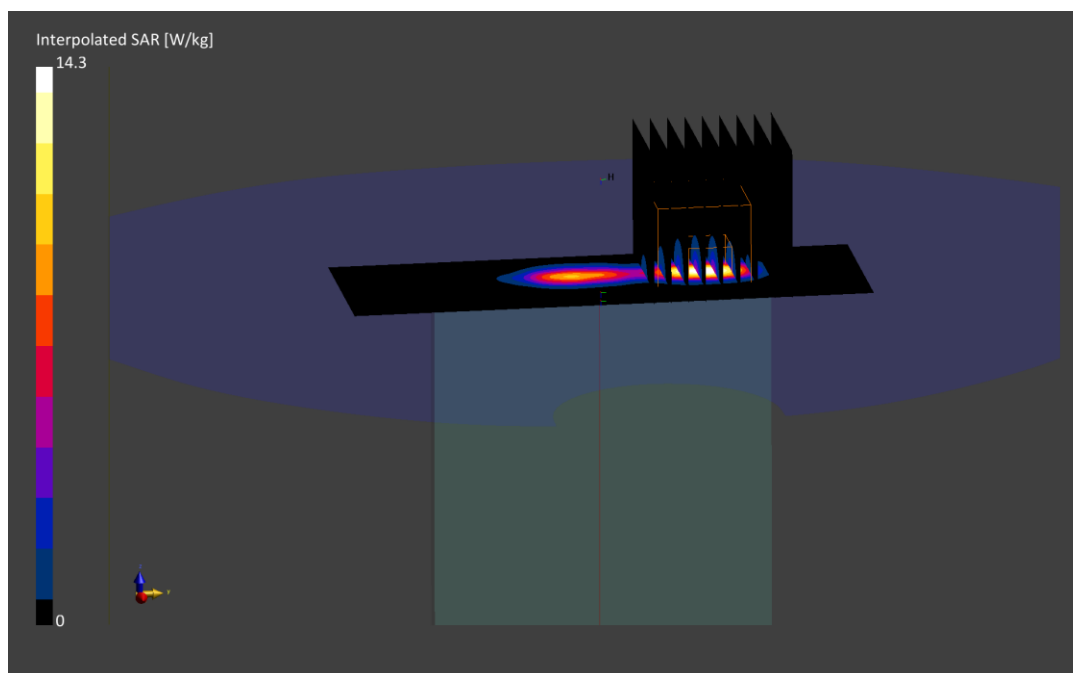
Reference Value = 7.15 W/kg; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 14.3 W/kg

SAR(10 g) = 1.20 W/kg

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

Ratio of SAR at M2 to SAR at M1 = 69.3 %



ELEMENT

DUT: A3LSMF721U; Type: Portable Handset; Serial: 0424M

Communication System: UID:10435 - AAF, LTE-TDD; MAIA: Y; Frequency: 2680.0 MHz

Medium: 2450 Body; Medium parameters used:

$f = 2680.0$ MHz; $\text{cond} = 2.33$ S/m; $\text{perm} = 51.1$; $\text{density} = 1000$ kg/m³

Phantom Section: Flat; Space: 0.00 mm

Test Date: 08/28/2022; Ambient Temp: 22.0°C; Tissue Temp: 21.0°C

Probe: EX3DV4 - SN7488; ConvF:(7.57,7.57,7.57); Calibrated: 2022-02-21

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

Electronics: DAE4 Sn1415; Calibrated: 2022-02-23

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

Measurement SW: DASY Module SAR V16.0.2.136

**Mode: LTE Band 41, 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, $dy=10.0$ mm

Zoom Scan (30.0 x 30.0 x 30.0): Measurement grid: $dx=3.4$ mm, $dy=3.4$ mm, $dz=1.5$ mm; Graded Ratio: 1.5

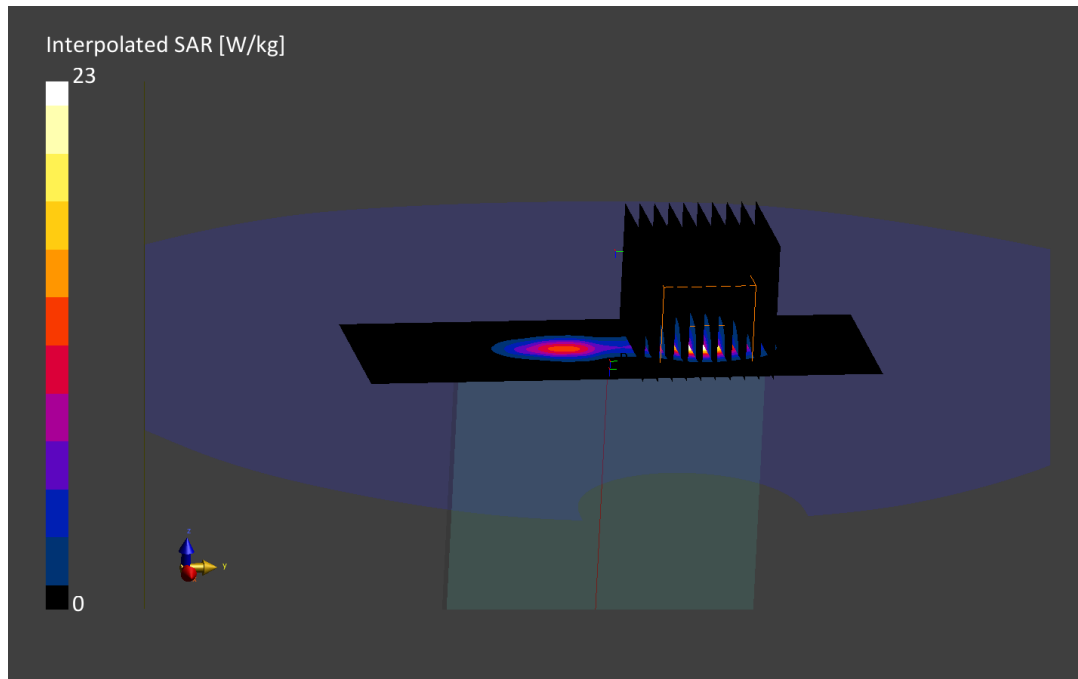
Reference Value = 9.21 W/kg; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 23.0 W/kg

SAR(10 g) = 1.77 W/kg

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

Ratio of SAR at M2 to SAR at M1 = 65.6 %



ELEMENT

DUT: A3LSMF721U; Type: Portable Handset; Serial: 0661M

Communication System: UID:10942 - AAC, 5G NR FR1 FDD; MAIA: Y; Frequency: 1745.0 MHz

Medium: 1750 Body; Medium parameters used:

f = 1745.0 MHz; cond = 1.48 S/m; perm = 52.8; density = 1000 kg/m³

Phantom Section: Flat; Space: 6.00 mm

Test Date: 07/26/2022; Ambient Temp: 21.9°C; Tissue Temp: 21.6°C

Probe: EX3DV4 - SN7660; ConvF:(9.22,9.22,9.22); Calibrated: 2022-05-18

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

Electronics: DAE4 Sn1678; Calibrated: 2022-05-10

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

Measurement SW: DASY Module SAR V16.0.2.136

**Mode: NR Band n66, Phablet SAR, Front Side, Ch. 349000,
40 MHz Bandwidth, DFT-s-OFDM QPSK, 108 RB, 54 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=5.4 mm, dy=5.4 mm, dz=1.5 mm; Graded Ratio: 1.5

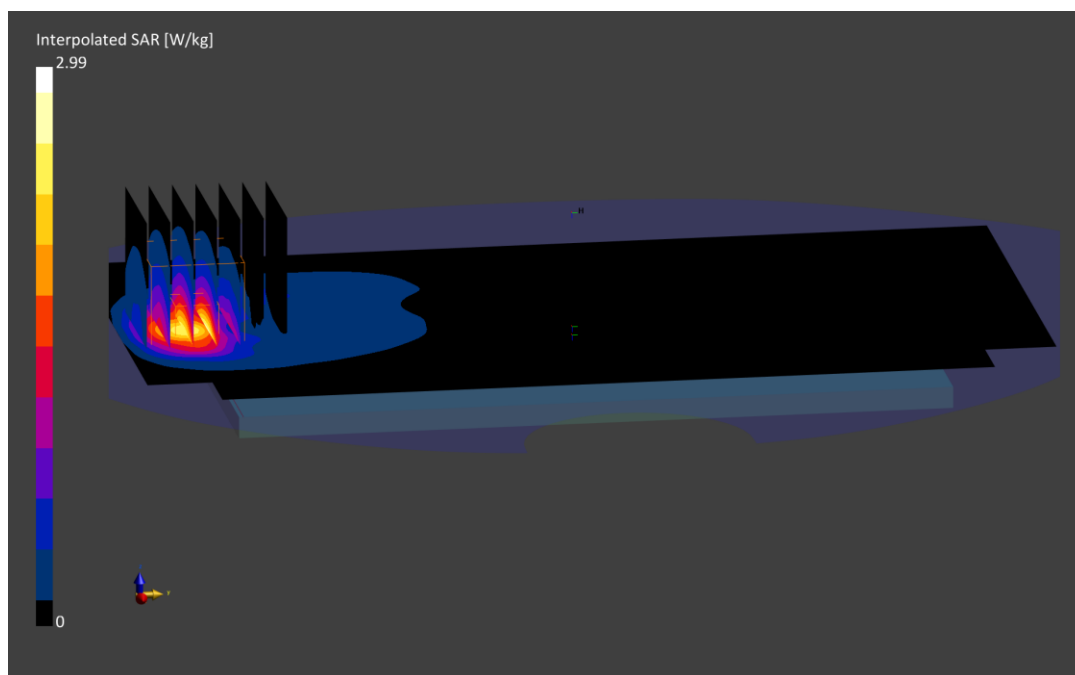
Reference Value = 1.30 W/kg; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 2.99 W/kg

SAR(10 g) = 0.738 W/kg

Smallest distance from peaks to all points 3 dB below is 6.5 mm

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



ELEMENT

DUT: A3LSMF721U; Type: Portable Handset; Serial: 0646M

Communication System: UID:10937 - AAC, 5G NR FR1 FDD; MAIA: Y; Frequency: 2310.0 MHz

Medium: 2450 Body; Medium parameters used:

f = 2310.0 MHz; cond = 1.84 S/m; perm = 52.6; density = 1000 kg/m³

Phantom Section: Flat; Space: 0.00 mm

Test Date: 08/15/2022; Ambient Temp: 22.0°C; Tissue Temp: 21.6°C

Probe: EX3DV4 - SN7570; ConvF:(7.75,7.75,7.75); Calibrated: 2022-01-19

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

Electronics: DAE4 Sn1558; Calibrated: 2022-01-14

Phantom: Twin-SAM V8.0; Serial: 20063

Measurement SW: DASY Module SAR V16.0.2.136

Mode: NR Band n30, Phablet SAR, Back Side, Ch. 462000
10 MHz Bandwidth, DFT-s-OFDM QPSK, 25 RB, 27 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=4.0 mm, dy=4.0 mm, dz=1.5 mm; Graded Ratio: 1.5

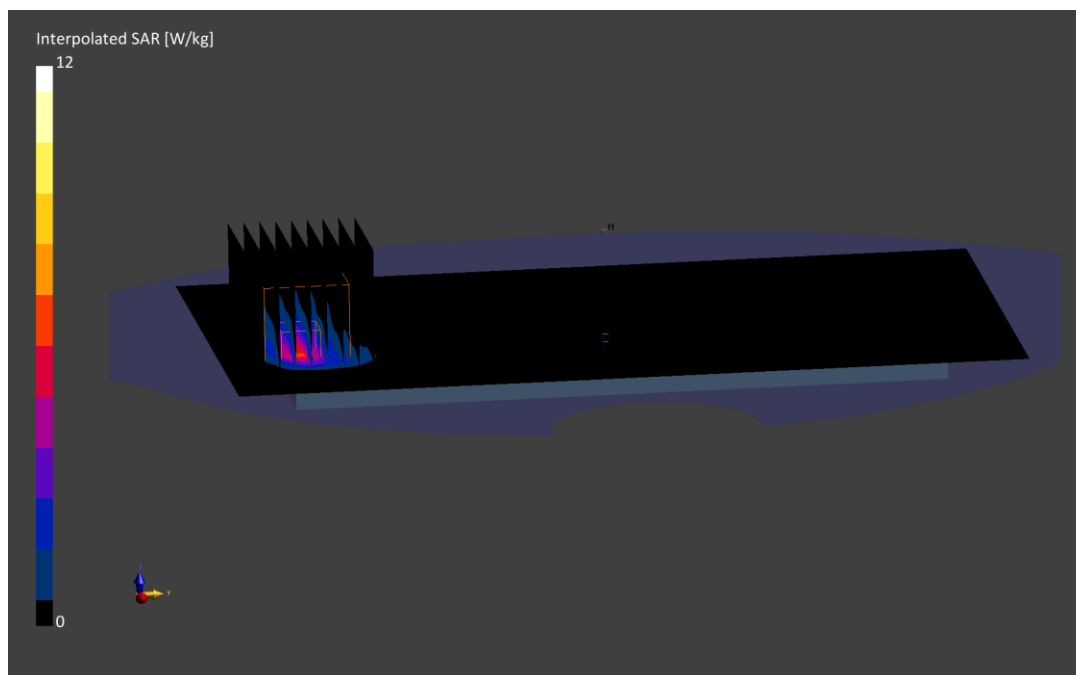
Reference Value = 4.68 W/kg; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 12.0 W/kg

SAR(10 g) = 1.80 W/kg

Smallest distance from peaks to all points 3 dB below is 5.6 mm

Ratio of SAR at M2 to SAR at M1 = 72.9 %



ELEMENT

DUT: A3LSMF721U; Type: Portable Handset; Serial: 0651M

Communication System: UID:10934 - AAC, 5G NR FR1 FDD; MAIA: Y; Frequency: 2535.0 MHz

Medium: 2450 Body; Medium parameters used:

f = 2535.0 MHz; cond = 2.10 S/m; perm = 51.6; density = 1000 kg/m³

Phantom Section: Flat; Space: 0.00 mm

Test Date: 08/08/2022; Ambient Temp: 22.4°C; Tissue Temp: 21.9°C

Probe: EX3DV4 - SN7417; ConvF:(7.4,7.4,7.4); Calibrated: 2022-02-22

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

Electronics: DAE4 Sn665; Calibrated: 2022-02-22

Phantom: Twin-SAM V8.0; Serial: 2060

Measurement SW: DASY Module SAR V16.0.2.136

**Mode: NR Band n7, Phablet SAR, Left Edge, Ch. 507000,
40 MHz Bandwidth, DFT-s-OFDM QPSK, 1 RB, 108 RB Offset**

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=3.1 mm, dy=3.1 mm, dz=1.2 mm; Graded Ratio: 1.2

Reference Value = 7.79 W/kg; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 14.9 W/kg

SAR(10 g) = 1.17 W/kg

Smallest distance from peaks to all points 3 dB below is 3.7 mm

Ratio of SAR at M2 to SAR at M1 = 75.6 %

