

APPENDIX A: SAR TEST PLOTS

ELEMENT

DUT: PY7-25682R; Type: Portable Handset; Serial: 89747

Communication System: UID:10027 - DAC, GSM; MAIA: Y; Frequency: 848.8 MHz

Medium: 835 Head; Medium parameters used:

$f = 848.8$ MHz; $\text{cond} = 0.917$ S/m; $\text{perm} = 40.6$; $\text{density} = 1000$ kg/m³

Phantom Section: RightHead; Space: 0.00 mm

Test Date: 02/27/2023; Ambient Temp: 23.1°C; Tissue Temp: 21.2°C

Probe: EX3DV4 - SN7406; ConvF:(9.86,9.86,9.86); Calibrated: 2022-07-18

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

Electronics: DAE4 Sn1677; Calibrated: 2022-07-18

Phantom: Twin-SAM V8.0; Serial: 2064

Measurement SW: DASY Module SAR V16.2.0.1425

Mode: GPRS 850, DTM, Right Head, Cheek, High Ch., 3 Tx Slots

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

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

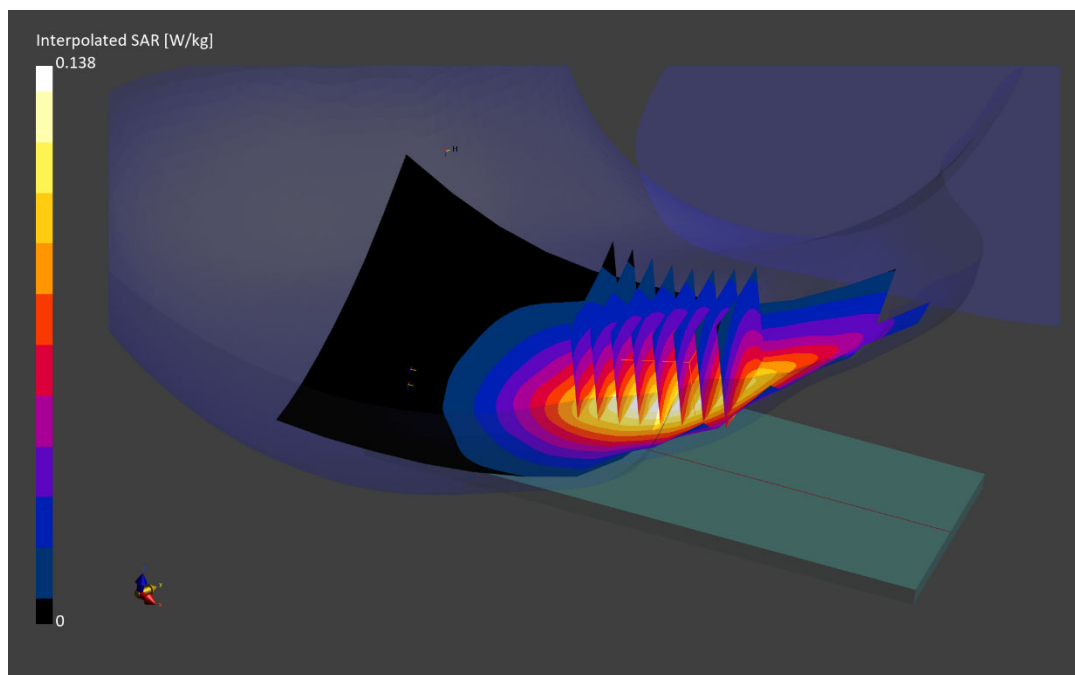
Reference Value = 0.11 W/kg; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 0.138 W/kg

SAR(1 g) = 0.108 W/kg

Smallest distance from peaks to all points 3 dB below is 18.3 mm

Ratio of SAR at M2 to SAR at M1 = 92.2 %



ELEMENT

DUT: PY7-25682R; Type: Portable Handset; Serial: 89747

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

Medium: 1900 Head; Medium parameters used:

f = 1909.8 MHz; cond = 1.42 S/m; perm = 39.2; density = 1000 kg/m³

Phantom Section: RightHead; Space: 0.00 mm

Test Date: 02/23/2023; Ambient Temp: 22.3°C; Tissue Temp: 21.0°C

Probe: EX3DV4 - SN7409; ConvF:(8.13,8.13,8.13); 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 V16.2.0.1425

Mode: GPRS 1900, DTM, Right Head, Cheek, High Ch., 3 Tx Slots

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

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

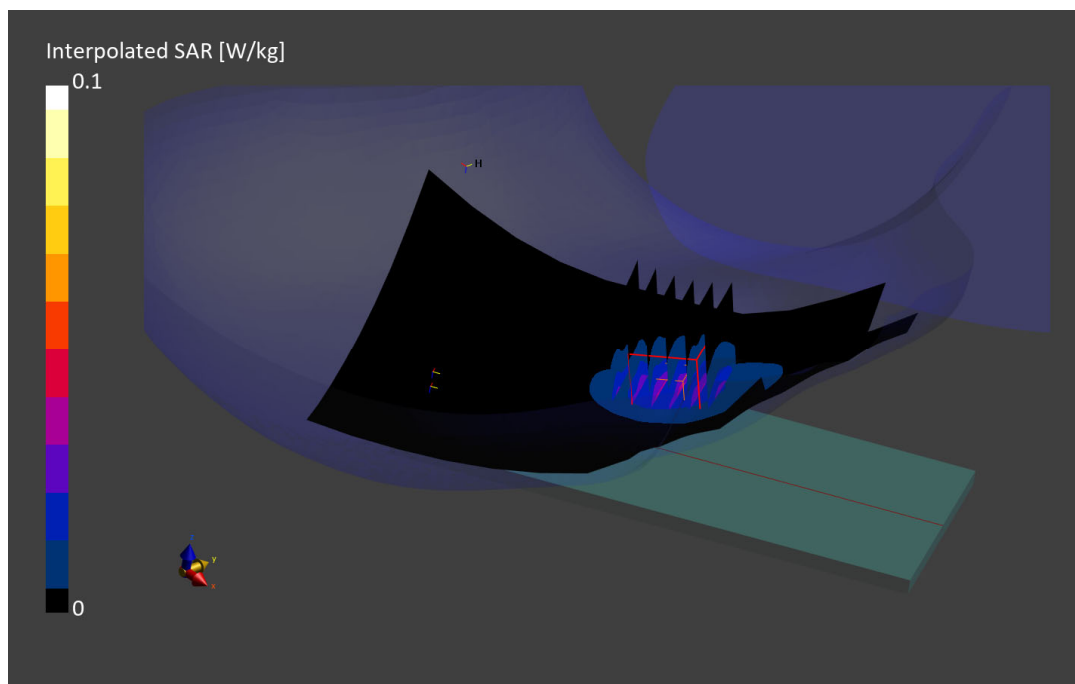
Reference Value = 0.03 W/kg; Power Drift = 0.13 dB

Peak SAR (extrapolated) = 0.051 W/kg

SAR(1 g) = 0.033 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 = 92.5 %



ELEMENT

DUT: PY7-25682R; Type: Portable Handset; Serial: 89788

Communication System: UID:10011 - CAB, WCDMA; MAIA: Y; Frequency: 836.6 MHz

Medium: 835 Head; Medium parameters used:

$f = 836.6$ MHz; $\text{cond} = 0.922$ S/m; $\text{perm} = 40.9$; $\text{density} = 1000$ kg/m³

Phantom Section: RightHead; Space: 0.00 mm

Test Date: 02/23/2023; Ambient Temp: 20.6°C; Tissue Temp: 20.0°C

Probe: EX3DV4 - SN7490; ConvF:(10.06,10.06,10.06); Calibrated: 2022-12-09

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

Electronics: DAE4 Sn1644; Calibrated: 2022-12-13

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

Measurement SW: DASY Module SAR V16.2.0.1425

Mode: UMTS 850, 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

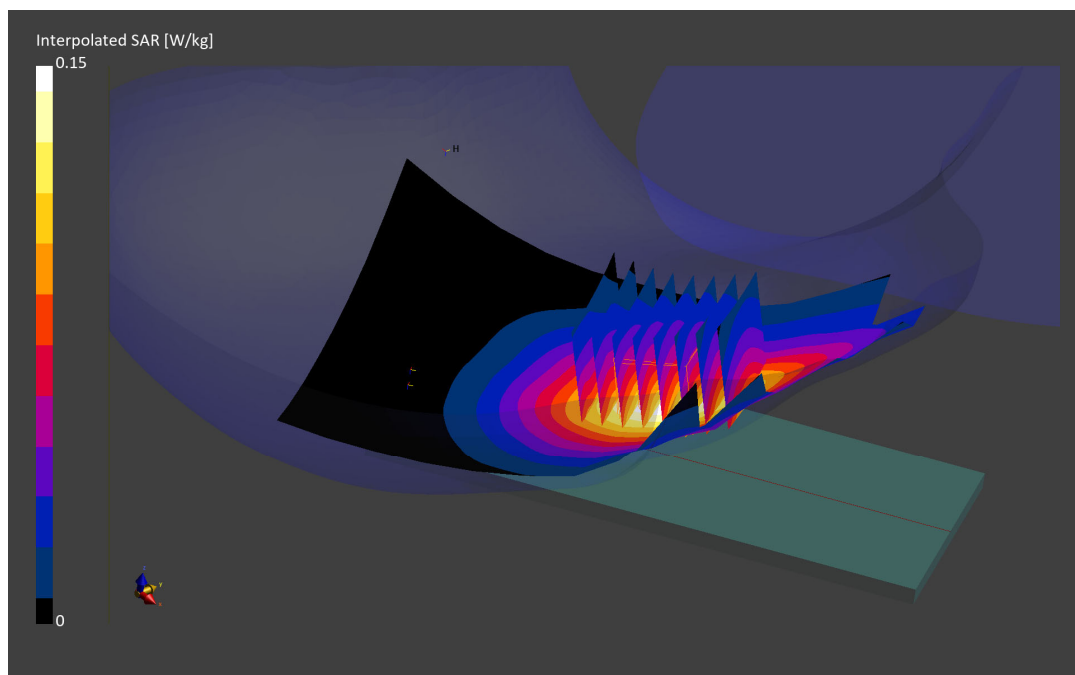
Reference Value = 0.11 W/kg; Power Drift = 0.12 dB

Peak SAR (extrapolated) = 0.150 W/kg

SAR(1 g) = 0.114 W/kg

Smallest distance from peaks to all points 3 dB below is 18.2 mm

Ratio of SAR at M2 to SAR at M1 = 91.4 %



ELEMENT

DUT: PY7-25682R; Type: Portable Handset; Serial: 89788

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

Medium: 1750 Head; Medium parameters used:

f = 1732.4 MHz; cond = 1.35 S/m; perm = 39.1; density = 1000 kg/m³

Phantom Section: RightHead; Space: 0.00 mm

Test Date: 02/23/2023; Ambient Temp: 20.6°C; Tissue Temp: 20.0°C

Probe: EX3DV4 - SN7490; ConvF:(8.65,8.65,8.65); Calibrated: 2022-12-09

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

Electronics: DAE4 Sn1644; Calibrated: 2022-12-13

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

Measurement SW: DASY Module SAR V16.2.0.1425

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

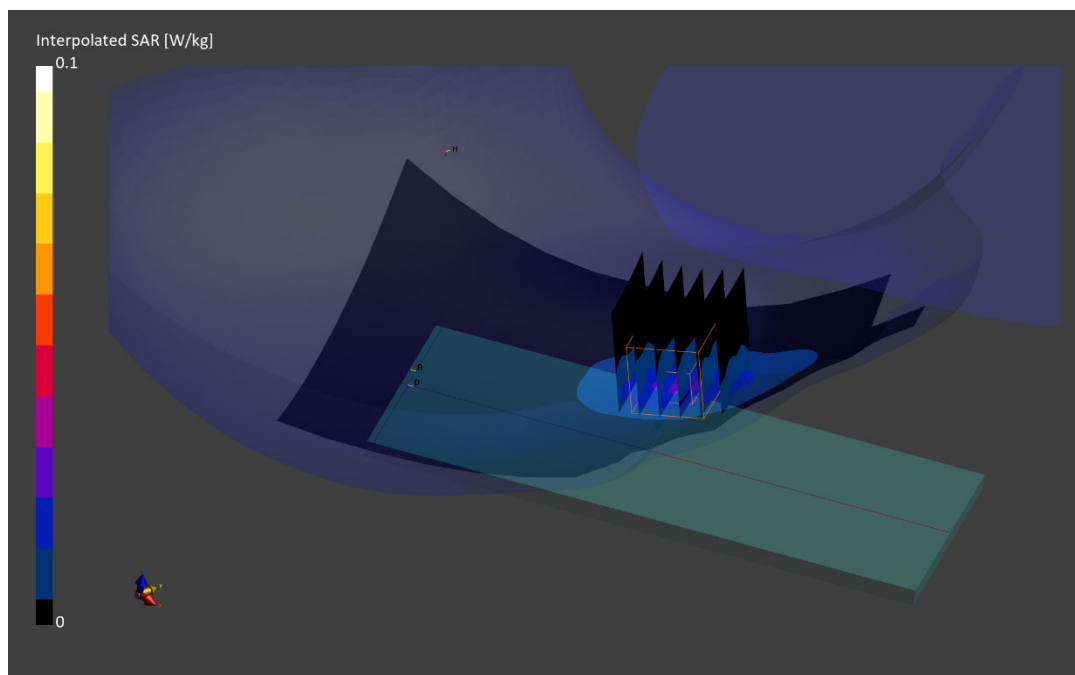
Reference Value = 0.02 W/kg; Power Drift = -0.12 dB

Peak SAR (extrapolated) = 0.034 W/kg

SAR(1 g) = 0.022 W/kg

Smallest distance from peaks to all points 3 dB below is 10.2 mm

Ratio of SAR at M2 to SAR at M1 = 88.8 %



ELEMENT

DUT: PY7-25682R; Type: Portable Handset; Serial: 89747

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

Medium: 1900 Head; Medium parameters used:

f = 1880.0 MHz; cond = 1.40 S/m; perm = 39.2; density = 1000 kg/m³

Phantom Section: RightHead; Space: 0.00 mm

Test Date: 02/23/2023; Ambient Temp: 22.3°C; Tissue Temp: 21.0°C

Probe: EX3DV4 - SN7409; ConvF:(8.13,8.13,8.13); 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 V16.2.0.1425

Mode: UMTS 1900, 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

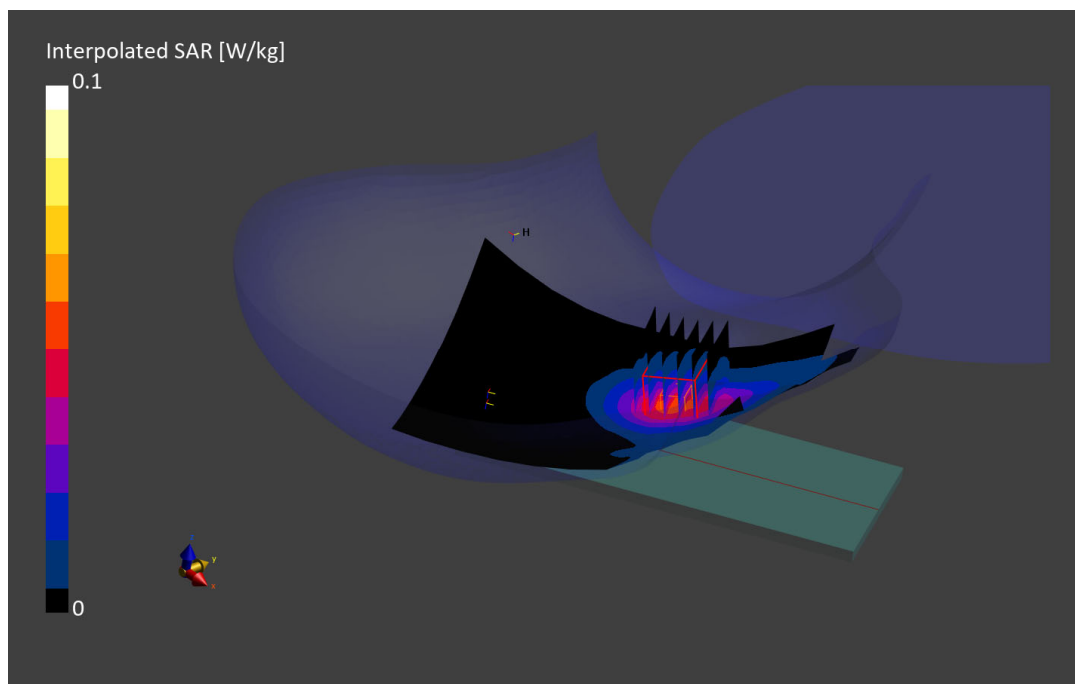
Reference Value = 0.05 W/kg; Power Drift = -0.10 dB

Peak SAR (extrapolated) = 0.076 W/kg

SAR(1 g) = 0.049 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 = 88.2 %



ELEMENT

DUT: PY7-25682R; Type: Portable Handset; Serial: 89523

Communication System: UID:10175 - CAG, LTE-FDD; MAIA: Y; Frequency: 707.5 MHz

Medium: 750 Head; Medium parameters used:

f = 707.5 MHz; cond = 0.854 S/m; perm = 42.9; density = 1000 kg/m³

Phantom Section: RightHead; Space: 0.00 mm

Test Date: 2/27/2023; Ambient Temp: 21.7°C; Tissue Temp: 19.7°C

Probe: EX3DV4 - SN7409; ConvF:(9.88,9.88,9.88); 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 V16.2.0.1425

**Mode: LTE Band 12, Right Head, Cheek, Mid Ch,
10 MHz Bandwidth, QPSK, 1 RB, 25 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

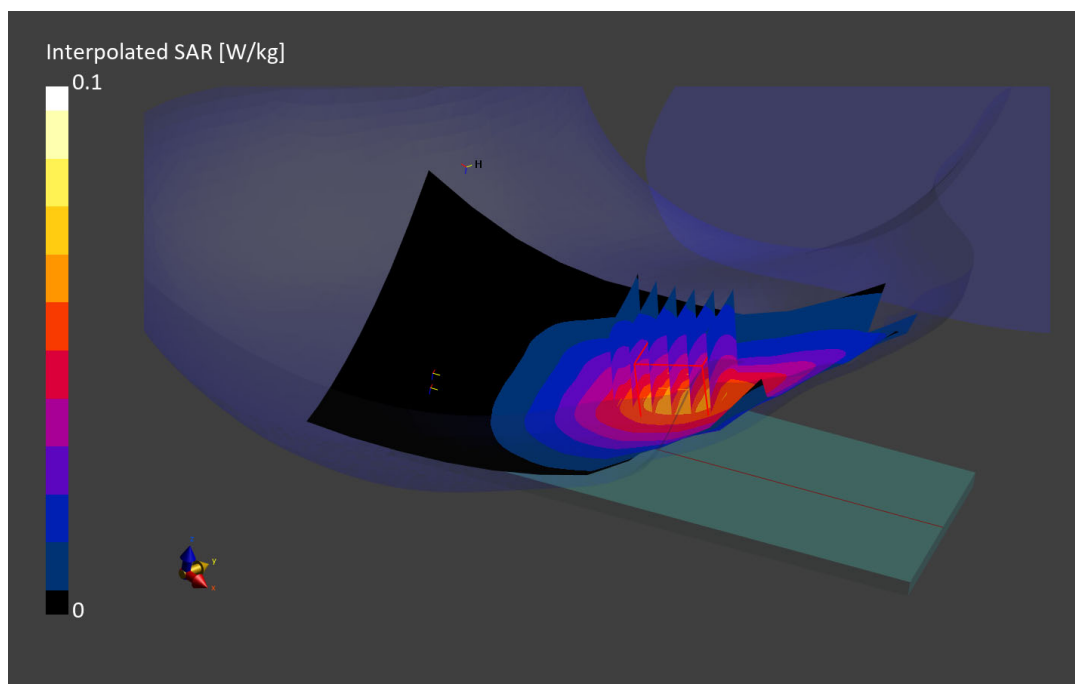
Reference Value = 0.06 W/kg; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 0.071 W/kg

SAR(1 g) = 0.059 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 = 97.3 %



ELEMENT

DUT: PY7-25682R; Type: Portable Handset; Serial: 89523

Communication System: UID:10175 - CAG, LTE-FDD; MAIA: Y; Frequency: 782.0 MHz

Medium: 750 Head; Medium parameters used:

f = 782.0 MHz; cond = 0.879 S/m; perm = 42.5; density = 1000 kg/m³

Phantom Section: RightHead; Space: 0.00 mm

Test Date: 2/27/2023; Ambient Temp: 21.7°C; Tissue Temp: 19.7°C

Probe: EX3DV4 - SN7409; ConvF:(9.88,9.88,9.88); 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 V16.2.0.1425

**Mode: LTE Band 13, Right Head, Cheek, Mid Ch,
10 MHz Bandwidth, QPSK, 1 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=6.0 mm, dy=6.0 mm, dz=1.5 mm; Graded Ratio: 1.5

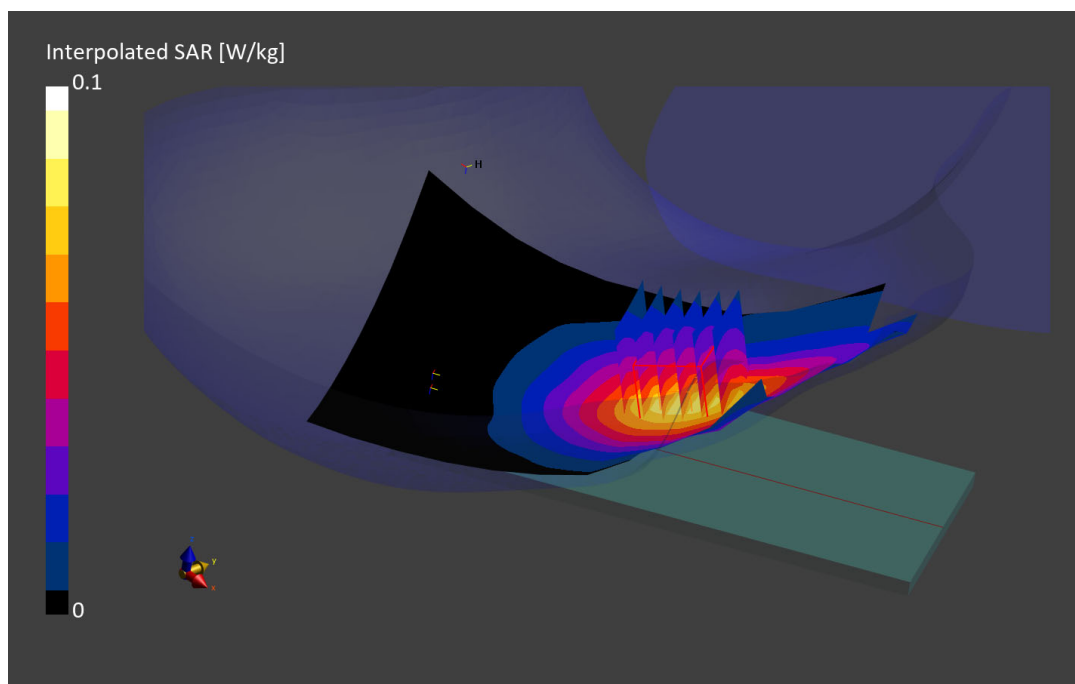
Reference Value = 0.07 W/kg; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 0.086 W/kg

SAR(1 g) = 0.069 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 = 96.0 %



ELEMENT

DUT: PY7-25682R; Type: Portable Handset; Serial: 89523

Communication System: UID:10175 - CAG, LTE-FDD; MAIA: Y; Frequency: 836.5 MHz

Medium: 835 Head; Medium parameters used:

f = 836.5 MHz; cond = 0.895 S/m; perm = 41.7; density = 1000 kg/m³

Phantom Section: RightHead; Space: 0.00 mm

Test Date: 03/01/2023; Ambient Temp: 25.0°C; Tissue Temp: 21.0°C

Probe: EX3DV4 - SN7409; ConvF:(9.58,9.58,9.58); 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 V16.2.0.1425

**Mode: LTE Band 5, Right Head, Cheek, Mid Ch,
10 MHz Bandwidth, QPSK, 1 RB, 25 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

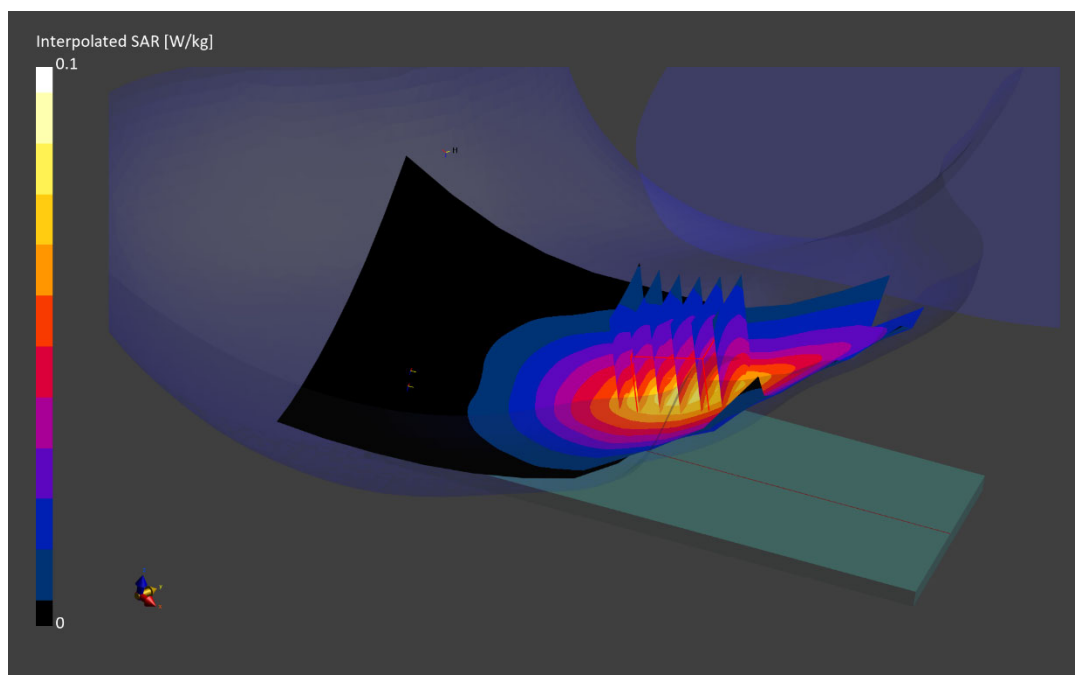
Reference Value = 0.06 W/kg; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 0.084 W/kg

SAR(1 g) = 0.067 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 = 93.8 %



ELEMENT

DUT: PY7-25682R; Type: Portable Handset; Serial: 89721

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

Medium: 1750 Head; Medium parameters used:

f = 1720.0 MHz; cond = 1.34 S/m; perm = 39.5; density = 1000 kg/m³

Phantom Section: RightHead; Space: 0.00 mm

Test Date: 02/22/2023; Ambient Temp: 21.1°C; Tissue Temp: 19.7°C

Probe: EX3DV4 - SN7639; ConvF:(9.3,9.3,9.3); Calibrated: 2022-11-14

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

Electronics: DAE4 Sn1646; Calibrated: 2022-11-10

Phantom: Twin-SAM V8.0; Serial: 1936

Measurement SW: DASY Module SAR V16.2.0.1425

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

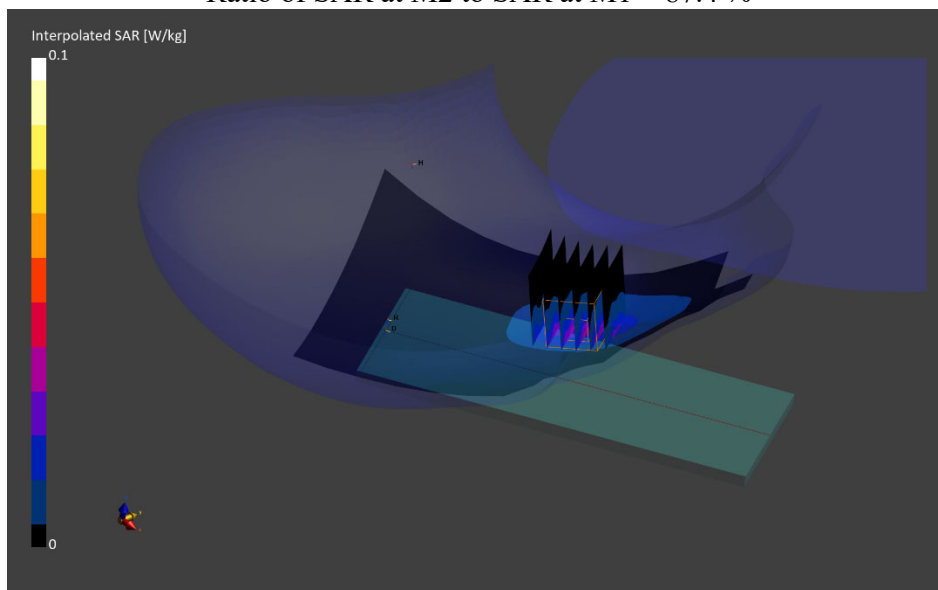
Reference Value = 0.03 W/kg; Power Drift = 0.12 dB

Peak SAR (extrapolated) = 0.040 W/kg

SAR(1 g) = 0.025 W/kg

Smallest distance from peaks to all points 3 dB below is 9.7 mm

Ratio of SAR at M2 to SAR at M1 = 87.4 %



ELEMENT

DUT: PY7-25682R; Type: Portable Handset; Serial: 89523

Communication System: UID:10169 - CAE, LTE-FDD; MAIA: Y; Frequency: 1882.5 MHz

Medium: 1900 Head; Medium parameters used:

f = 1882.5 MHz; cond = 1.43 S/m; perm = 40.4; density = 1000 kg/m³

Phantom Section: RightHead; Space: 0.00 mm

Test Date: 02/27/2023; Ambient Temp: 21.7°C; Tissue Temp: 19.7°C

Probe: EX3DV4 - SN7409; ConvF:(8.13,8.13,8.13); 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 V16.2.0.1425

**Mode: LTE Band 25, Right Head, Cheek, 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

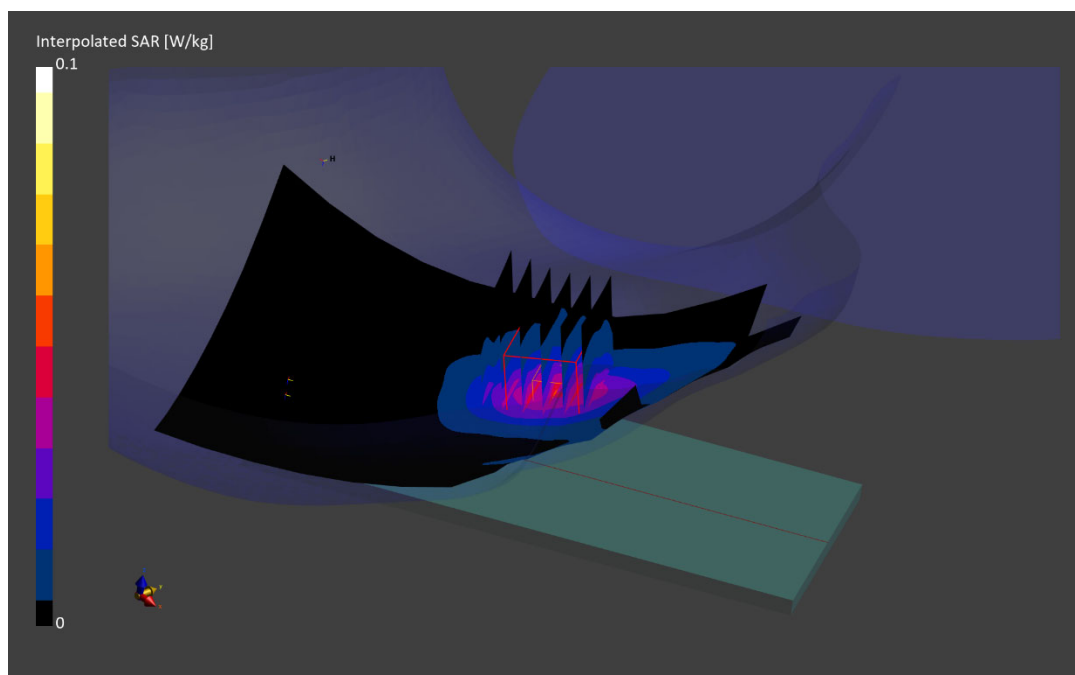
Reference Value = 0.05 W/kg; Power Drift = -0.13 dB

Peak SAR (extrapolated) = 0.069 W/kg

SAR(1 g) = 0.045 W/kg

Smallest distance from peaks to all points 3 dB below is 11.7 mm

Ratio of SAR at M2 to SAR at M1 = 93.4 %



ELEMENT

DUT: PY7-25682R; Type: Portable Handset; Serial: 89721

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

Medium: 2450 Head; Medium parameters used:

f = 2593.0 MHz; cond = 1.99 S/m; perm = 40.6; density = 1000 kg/m³

Phantom Section: RightHead; Space: 0.00 mm

Test Date: 02/27/2023; Ambient Temp: 21.2°C; Tissue Temp: 20.8°C

Probe: EX3DV4 - SN7420; ConvF:(7.2,7.2,7.2); Calibrated: 2022-10-20

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

Electronics: DAE4 Sn1333; Calibrated: 2022-10-13

Phantom: Twin-SAM V8.0; Serial: 1736

Measurement SW: DASY Module SAR V16.2.0.1425

**Mode: LTE Band 41, Right Head, Cheek, Mid Ch.,
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

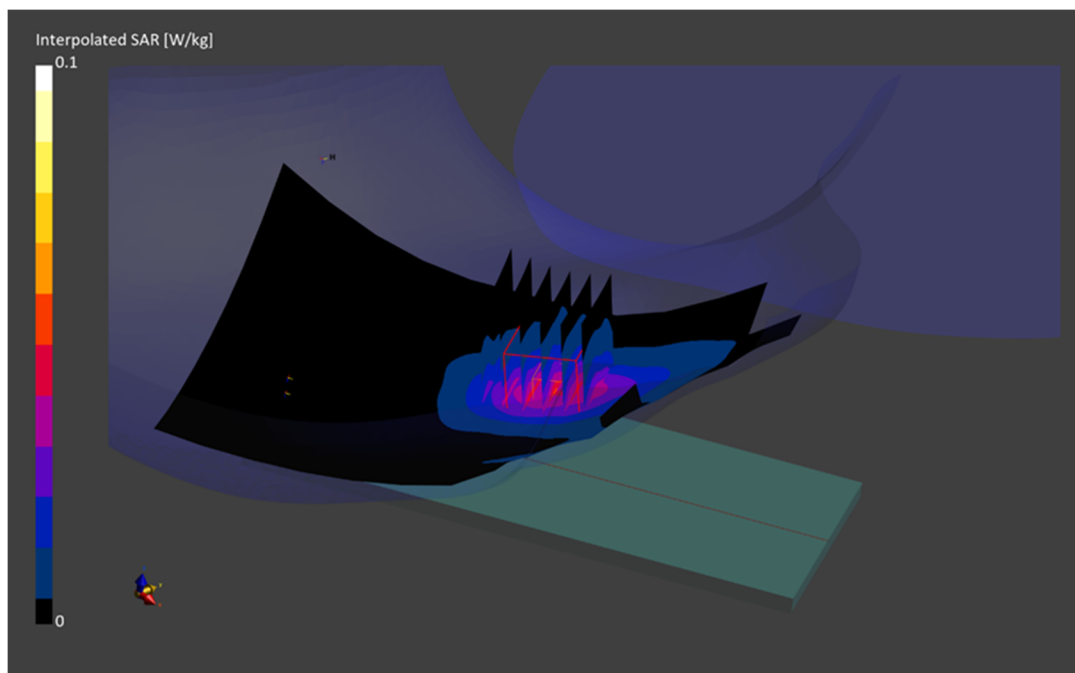
Reference Value = 0.02 W/kg; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 0.033 W/kg

SAR(1 g) = 0.018 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 = 94.9 %



ELEMENT

DUT: PY7-25682R; Type: Portable Handset; Serial: 89606

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

Medium: 2450 Head; Medium parameters used:

$f = 2437.0$ MHz; $\text{cond} = 1.85$ S/m; $\text{perm} = 39.3$; $\text{density} = 1000$ kg/m³

Phantom Section: RightHead; Space: 0.00 mm

Test Date: 02/28/2023; Ambient Temp: 21.5°C; Tissue Temp: 21.5°C

Probe: EX3DV4 - SN7406; ConvF:(7.72,7.72,7.72); Calibrated: 2022-07-18

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

Electronics: DAE4 Sn1677; Calibrated: 2022-07-18

Phantom: Twin-SAM V8.0; Serial: 2064

Measurement SW: DASY Module SAR V16.2.0.1425

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: $dx=3.5$ mm, $dy=3.5$ mm, $dz=1.4$ mm; Graded Ratio: 1.4

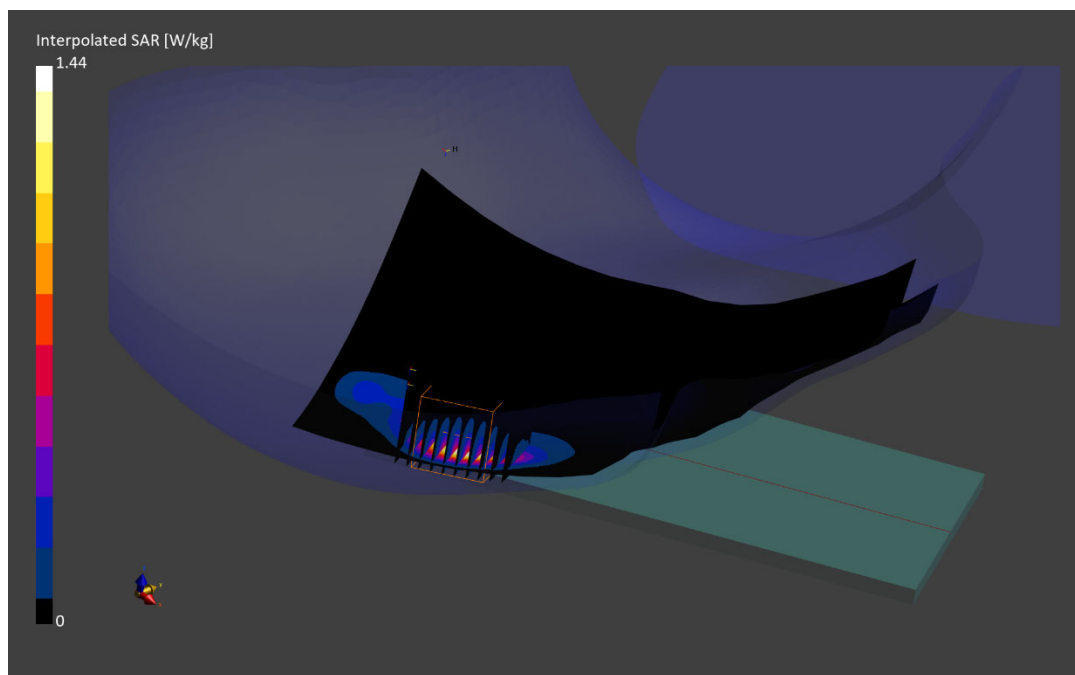
Reference Value = 0.54 W/kg; Power Drift = 0.00 dB

Peak SAR (extrapolated) = 1.44 W/kg

SAR(1 g) = 0.525 W/kg

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

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



ELEMENT

DUT: PY7-25682R; Type: Portable Handset; Serial: 87089

Communication System: UID:10117 - CAD, WLAN; MAIA: Y; Frequency: 5795.0 MHz

Medium: 5200-5800 Head; Medium parameters used:

f = 5795.0 MHz; cond = 5.46 S/m; perm = 34.4; density = 1000 kg/m³

Phantom Section: RightHead; Space: 0.00 mm

Test Date: 03/12/2023; Ambient Temp: 19.1°C; Tissue Temp: 19.0°C

Probe: EX3DV4 - SN7570; ConvF:(4.92,4.92,4.92); Calibrated: 2023-01-11

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

Electronics: DAE4 Sn1558; Calibrated: 2023-01-17

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

Measurement SW: DASY Module SAR V16.2.0.1425

**Mode: IEEE 802.11n, U-NII-3, MIMO, 40 MHz Bandwidth,
Right Head, Cheek, Ch. 159, 13.5 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

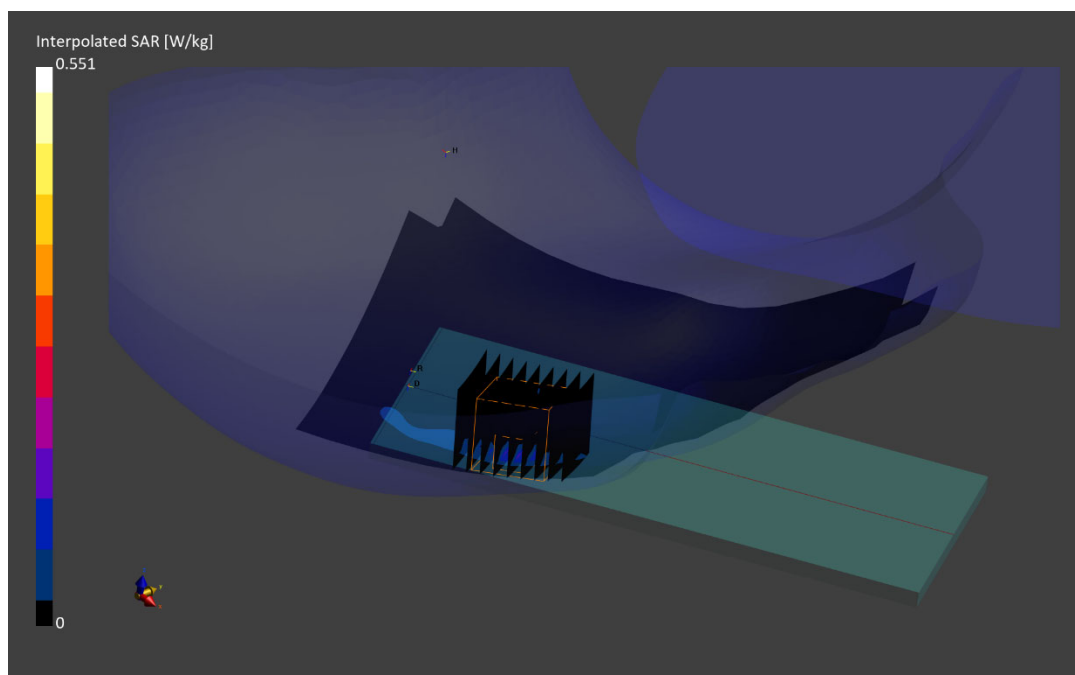
Reference Value = 0.08 W/kg; Power Drift = 0.30 dB

Peak SAR (extrapolated) = 0.551 W/kg

SAR(1 g) = 0.118 W/kg

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

Ratio of SAR at M2 to SAR at M1 = 54.7 %



ELEMENT

DUT: PY7-25682R; Type: Portable Handset; Serial: 89606

Communication System: UID:10032 - CAA, Bluetooth; MAIA: Y; Frequency: 2480.0 MHz

Medium: 2450 Head; Medium parameters used:

f = 2480.0 MHz; cond = 1.88 S/m; perm = 39.2; density = 1000 kg/m³

Phantom Section: RightHead; Space: 0.00 mm

Test Date: 02/28/2023; Ambient Temp: 21.5°C; Tissue Temp: 21.5°C

Probe: EX3DV4 - SN7406; ConvF:(7.72,7.72,7.72); Calibrated: 2022-07-18

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

Electronics: DAE4 Sn1677; Calibrated: 2022-07-18

Phantom: Twin-SAM V8.0; Serial: 2064

Measurement SW: DASY Module SAR V16.2.0.1425

Mode: Bluetooth, WiFi Main, Right Head, Cheek, Ch. 78, 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

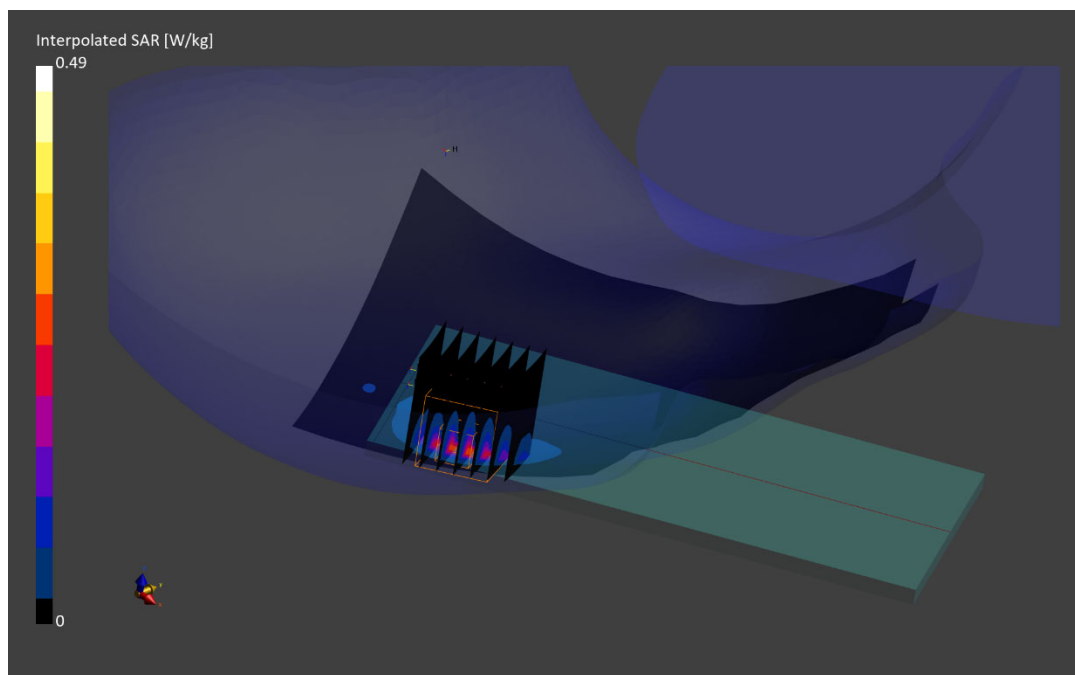
Reference Value = 0.25 W/kg; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 0.490 W/kg

SAR(1 g) = 0.195 W/kg

Smallest distance from peaks to all points 3 dB below is 5.1 mm

Ratio of SAR at M2 to SAR at M1 = 77.1 %



ELEMENT

DUT: PY7-25682R; Type: Portable Handset; Serial: 89747

Communication System: UID:10027 - DAC, GSM; MAIA: Y; Frequency: 848.8 MHz

Medium: 835 Body; Medium parameters used:

f = 848.8 MHz; cond = 0.953 S/m; perm = 55.7; density = 1000 kg/m³

Phantom Section: Flat; Space: 10.00 mm

Test Date: 02/27/2023; Ambient Temp: 21.5°C; Tissue Temp: 21.5°C

Probe: EX3DV4 - SN7406; ConvF:(9.48,9.48,9.48); Calibrated: 2022-07-18

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

Electronics: DAE4 Sn1677; Calibrated: 2022-07-18

Phantom: Twin-SAM V8.0; Serial: 2064

Measurement SW: DASY Module SAR V16.2.0.1425

Mode: GPRS 850, DTM, Body SAR, Back Side, High Ch., 3 Tx Slots

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

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

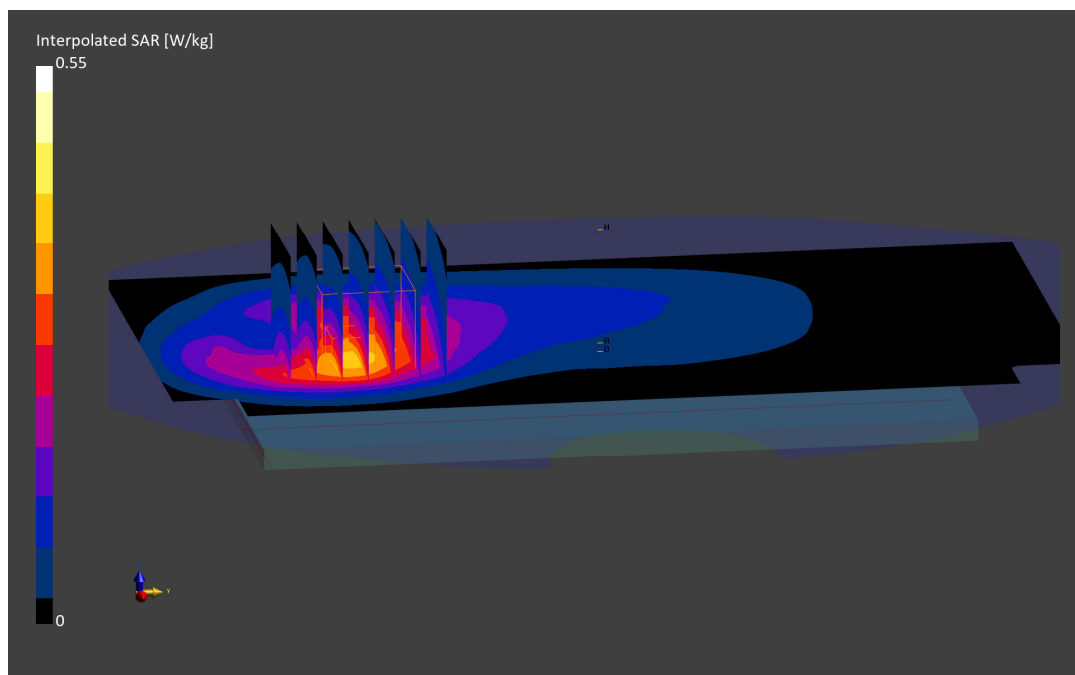
Reference Value = 0.36 W/kg; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 0.550 W/kg

SAR(1 g) = 0.341 W/kg

Smallest distance from peaks to all points 3 dB below is 14.7 mm

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



ELEMENT

DUT: PY7-25682R; Type: Portable Handset; Serial: 89747

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

Medium: 1900 Body; Medium parameters used:

f = 1909.8 MHz; cond = 1.57 S/m; perm = 52.7; density = 1000 kg/m³

Phantom Section: Flat; Space: 10.00 mm

Test Date: 02/23/2023; Ambient Temp: 22.8°C; Tissue Temp: 20.2°C

Probe: EX3DV4 - SN7409; ConvF:(7.66,7.66,7.66); 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 V16.2.0.1425

Mode: GPRS 1900, DTM, Body SAR, Back Side, High Ch., 3 Tx Slots

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

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

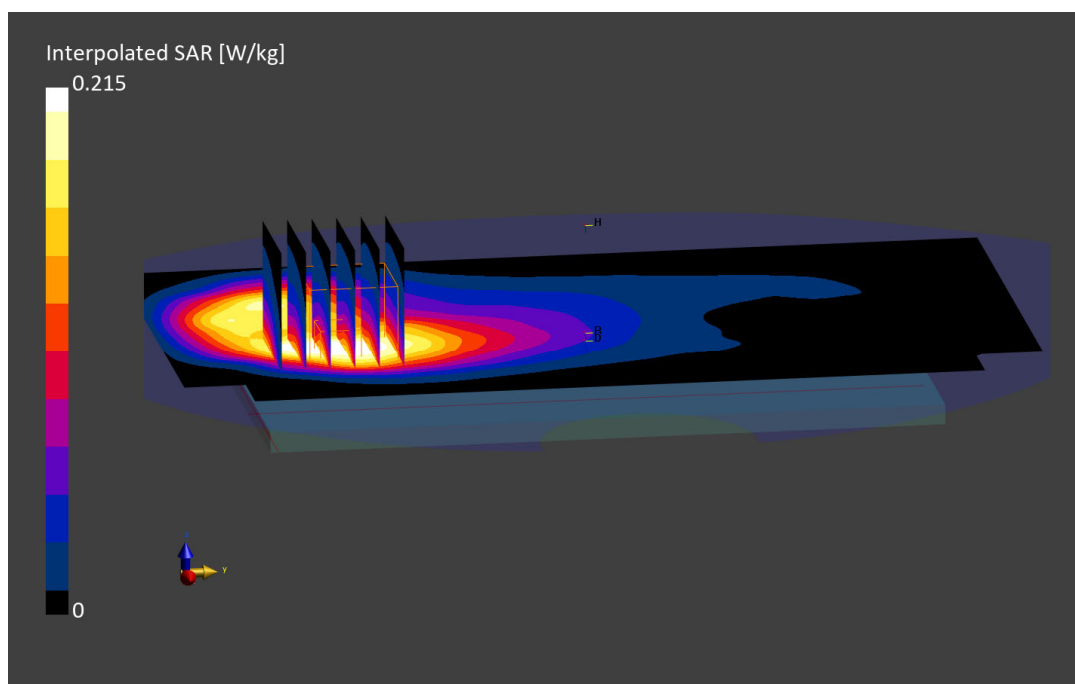
Reference Value = 0.13 W/kg; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 0.215 W/kg

SAR(1 g) = 0.138 W/kg

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

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



ELEMENT

DUT: PY7-25682R; Type: Portable Handset; Serial: 89747

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

Medium: 1900 Body; Medium parameters used:

f = 1909.8 MHz; cond = 1.57 S/m; perm = 52.7; density = 1000 kg/m³

Phantom Section: Flat; Space: 10.00 mm

Test Date: 02/23/2023; Ambient Temp: 22.8°C; Tissue Temp: 20.2°C

Probe: EX3DV4 - SN7409; ConvF:(7.66,7.66,7.66); 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 V16.2.0.1425

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

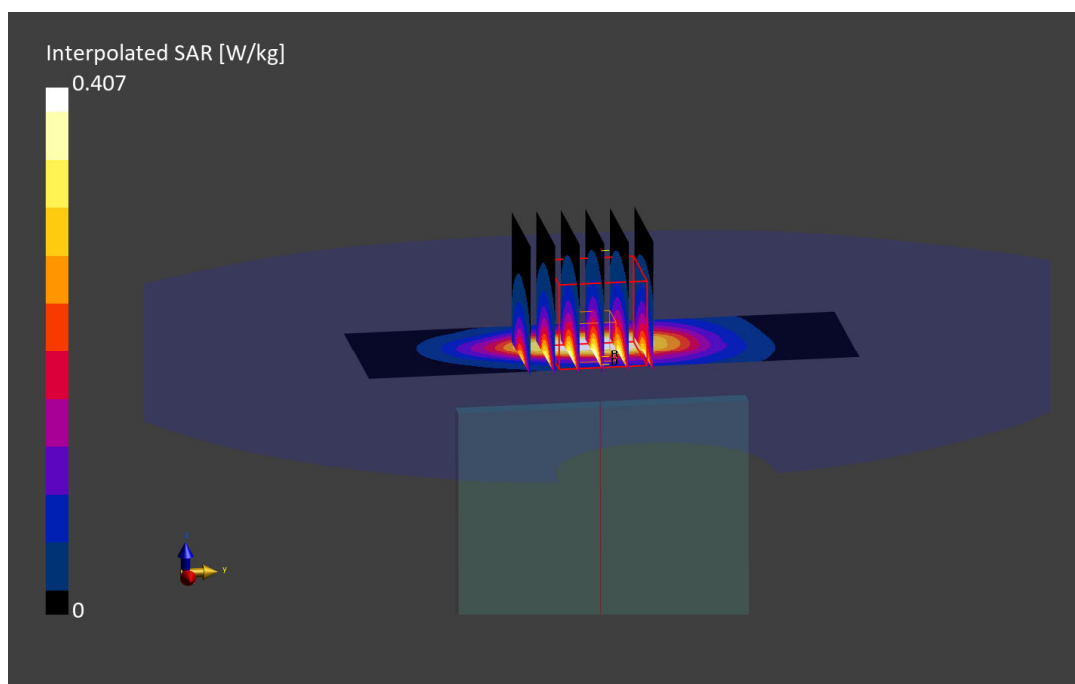
Reference Value = 0.25 W/kg; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 0.407 W/kg

SAR(1 g) = 0.247 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 = 85.7 %



ELEMENT

DUT: PY7-25682R; Type: Portable Handset; Serial: 89788

Communication System: UID:10011 - CAB, WCDMA; MAIA: Y; Frequency: 836.6 MHz

Medium: 835 Body; Medium parameters used:

f = 836.6 MHz; cond = 0.960 S/m; perm = 53.0; density = 1000 kg/m³

Phantom Section: Flat; Space: 10.00 mm

Test Date: 02/23/2023; Ambient Temp: 20.9°C; Tissue Temp: 20.1°C

Probe: EX3DV4 - SN7490; ConvF:(10.13,10.13,10.13); Calibrated: 2022-12-09

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

Electronics: DAE4 Sn1644; Calibrated: 2022-12-13

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

Measurement SW: DASY Module SAR V16.2.0.1425

Mode: UMTS 850, 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

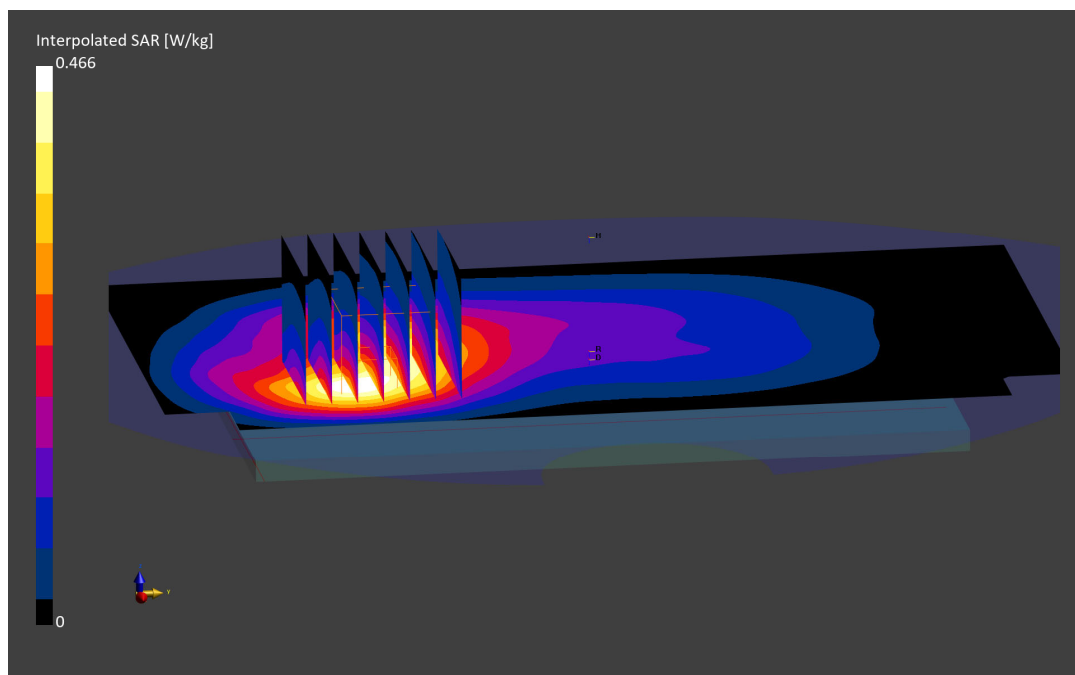
Reference Value = 0.28 W/kg; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 0.466 W/kg

SAR(1 g) = 0.288 W/kg

Smallest distance from peaks to all points 3 dB below is 16.2 mm

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



ELEMENT

DUT: PY7-25682R; Type: Portable Handset; Serial: 89721

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

Medium: 1750 Body; Medium parameters used:

f = 1732.4 MHz; cond = 1.50 S/m; perm = 51.7; density = 1000 kg/m³

Phantom Section: Flat; Space: 10.00 mm

Test Date: 02/23/2023; Ambient Temp: 21.7°C; Tissue Temp: 19.9°C

Probe: EX3DV4 - SN7639; ConvF:(9.36,9.36,9.36); Calibrated: 2022-11-14

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

Electronics: DAE4 Sn1646; Calibrated: 2022-11-10

Phantom: Twin-SAM V8.0; Serial: 1936

Measurement SW: DASY Module SAR V16.2.0.1425

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

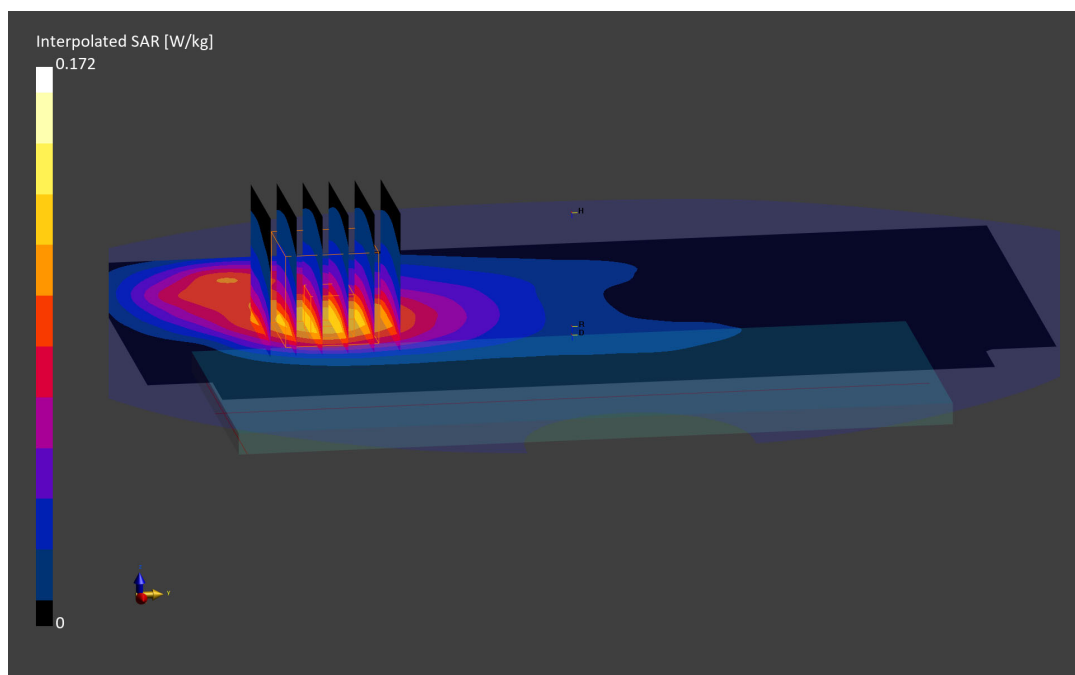
Reference Value = 0.10 W/kg; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 0.172 W/kg

SAR(1 g) = 0.109 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 = 86.1 %



ELEMENT

DUT: PY7-25682R; Type: Portable Handset; Serial: 89721

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

Medium: 1750 Body; Medium parameters used:

f = 1732.4 MHz; cond = 1.50 S/m; perm = 51.7; density = 1000 kg/m³

Phantom Section: Flat; Space: 10.00 mm

Test Date: 02/23/2023; Ambient Temp: 21.7°C; Tissue Temp: 19.9°C

Probe: EX3DV4 - SN7639; ConvF:(9.36,9.36,9.36); Calibrated: 2022-11-14

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

Electronics: DAE4 Sn1646; Calibrated: 2022-11-10

Phantom: Twin-SAM V8.0; Serial: 1936

Measurement SW: DASY Module SAR V16.2.0.1425

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

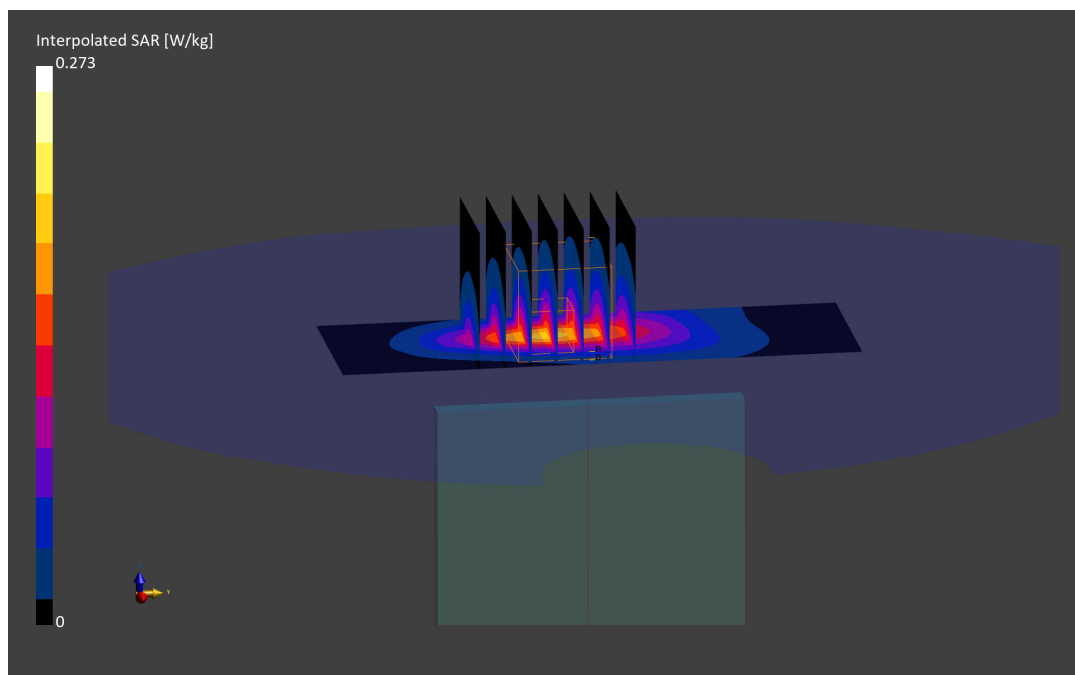
Reference Value = 0.13 W/kg; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 0.273 W/kg

SAR(1 g) = 0.152 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 = 82.3 %



ELEMENT

DUT: PY7-25682R; Type: Portable Handset; Serial: 89747

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

Medium: 1900 Body; Medium parameters used:

f = 1880.0 MHz; cond = 1.56 S/m; perm = 51.6; density = 1000 kg/m³

Phantom Section: Flat; Space: 10.00 mm

Test Date: 02/21/2023; Ambient Temp: 22.8°C; Tissue Temp: 20.4°C

Probe: EX3DV4 - SN7409; ConvF:(7.66,7.66,7.66); 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 V16.2.0.1425

Mode: UMTS 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

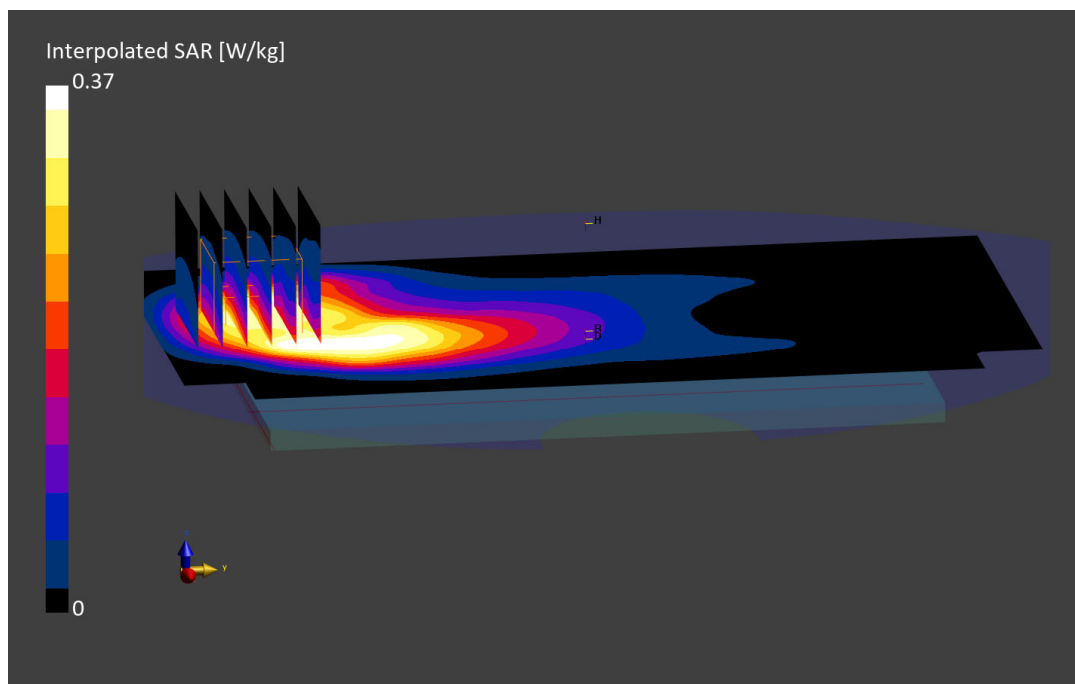
Reference Value = 0.20 W/kg; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 0.370 W/kg

SAR(1 g) = 0.224 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 = 87.3 %



ELEMENT

DUT: PY7-25682R; Type: Portable Handset; Serial: 89747

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

Medium: 1900 Body; Medium parameters used:

f = 1880.0 MHz; cond = 1.56 S/m; perm = 51.6; density = 1000 kg/m³

Phantom Section: Flat; Space: 10.00 mm

Test Date: 02/21/2023; Ambient Temp: 22.8°C; Tissue Temp: 20.4°C

Probe: EX3DV4 - SN7409; ConvF:(7.66,7.66,7.66); 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 V16.2.0.1425

Mode: UMTS 1900, 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

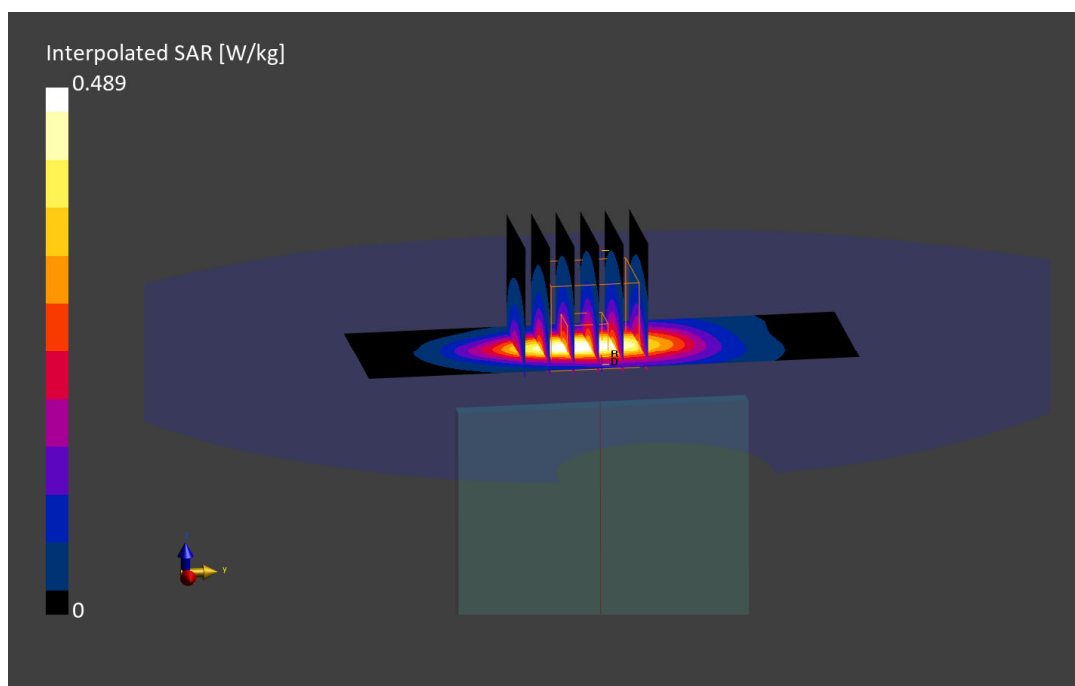
Reference Value = 0.29 W/kg; Power Drift = 0.00 dB

Peak SAR (extrapolated) = 0.490 W/kg

SAR(1 g) = 0.295 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 = 85.5 %



ELEMENT

DUT: PY7-25682R; Type: Portable Handset; Serial: 89523

Communication System: UID:10154 - CAG, LTE-FDD; MAIA: Y; Frequency: 707.5 MHz

Medium: 750 Body; Medium parameters used:

f = 707.5 MHz; cond = 0.934 S/m; perm = 54.9; density = 1000 kg/m³

Phantom Section: Flat; Space: 10.00 mm

Test Date: 03/09/2023; Ambient Temp: 20.7°C; Tissue Temp: 19.6°C

Probe: EX3DV4 - SN7570; ConvF:(10.26,10.26,10.26); Calibrated: 2023-01-11

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

Electronics: DAE4 Sn1558; Calibrated: 2023-01-17

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

Measurement SW: DASY Module SAR V16.0.2.83

**Mode: LTE Band 12, Body SAR, Back Side, Mid Ch,
10 MHz Bandwidth, QPSK, 25 RB, 12 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

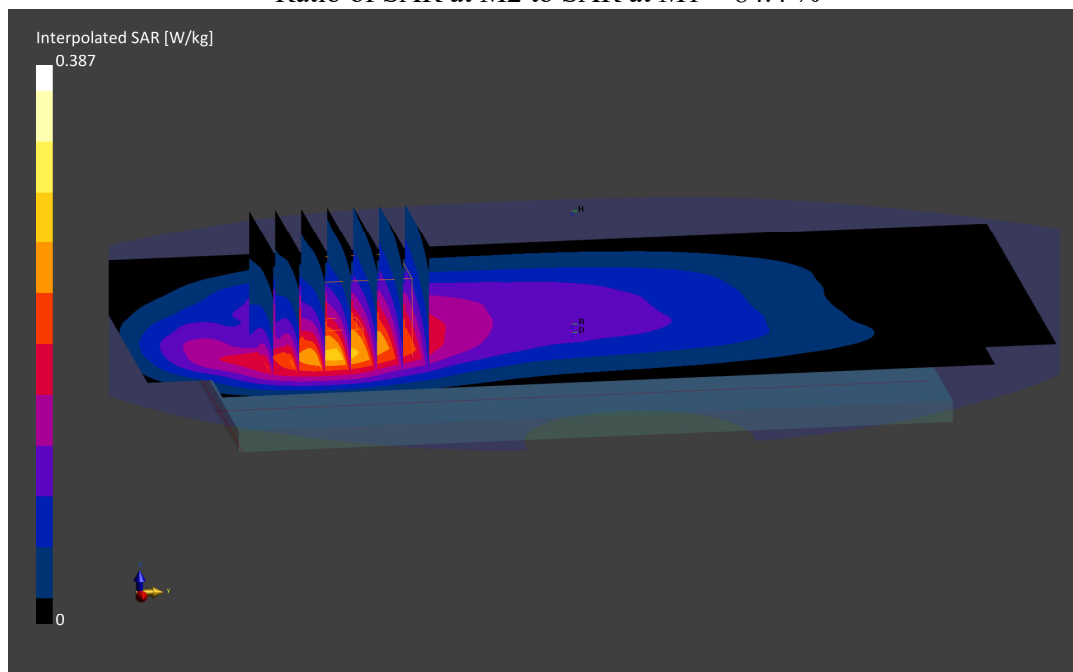
Reference Value = 0.23 W/kg; Power Drift = 0.00 dB

Peak SAR (extrapolated) = 0.387 W/kg

SAR(1 g) = 0.233 W/kg

Smallest distance from peaks to all points 3 dB below is 16.1 mm

Ratio of SAR at M2 to SAR at M1 = 84.4 %



ELEMENT

DUT: PY7-25682R; Type: Portable Handset; Serial: 89523

Communication System: UID:10154 - CAG, LTE-FDD; MAIA: Y; Frequency: 782.0 MHz

Medium: 750 Body; Medium parameters used:

f = 782.0 MHz; cond = 0.960 S/m; perm = 54.8; density = 1000 kg/m³

Phantom Section: Flat; Space: 10.00 mm

Test Date: 03/09/2023; Ambient Temp: 20.7°C; Tissue Temp: 19.6°C

Probe: EX3DV4 - SN7570; ConvF:(10.26,10.26,10.26); Calibrated: 2023-01-11

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

Electronics: DAE4 Sn1558; Calibrated: 2023-01-17

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

Measurement SW: DASY Module SAR V16.0.2.83

**Mode: LTE Band 13, Body SAR, Back side, Mid Ch,
10 MHz Bandwidth, QPSK, 25 RB, 12 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

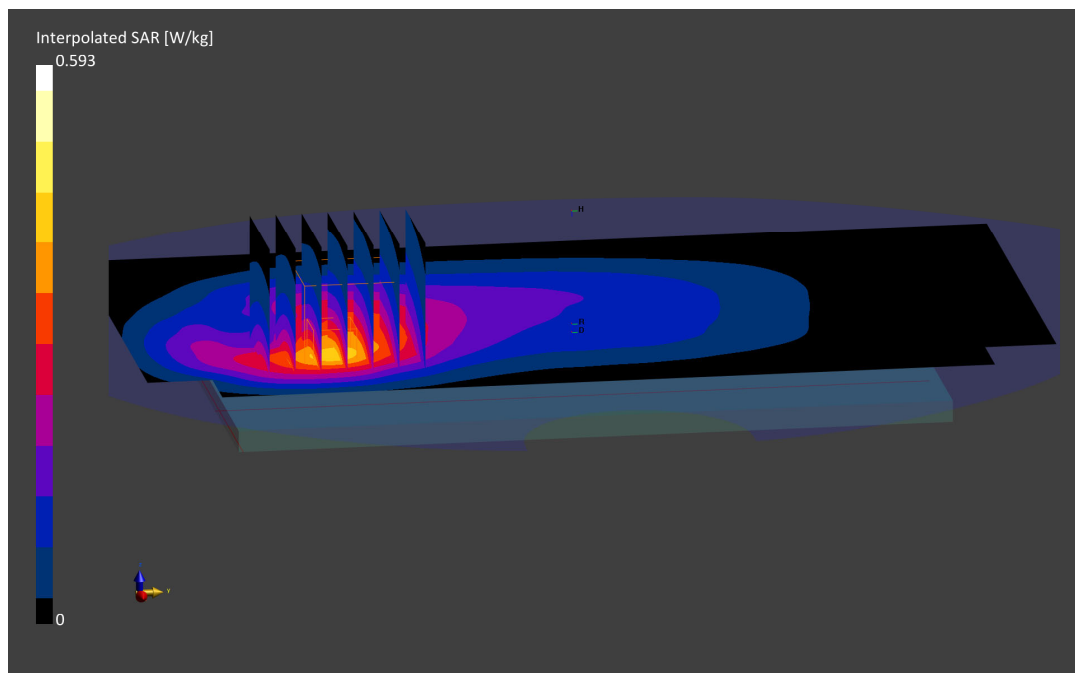
Reference Value = 0.36 W/kg; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 0.593 W/kg

SAR(1 g) = 0.359 W/kg

Smallest distance from peaks to all points 3 dB below is 16.1 mm

Ratio of SAR at M2 to SAR at M1 = 84.6 %



ELEMENT

DUT: PY7-84558E; Type: Portable Handset; Serial: 89523

Communication System: UID:10154 - CAG, LTE-FDD; MAIA: Y; Frequency: 836.5 MHz

Medium: 835 Body; Medium parameters used:

f = 836.5 MHz; cond = 0.943 S/m; perm = 54.9; density = 1000 kg/m³

Phantom Section: Flat; Space: 10.00 mm

Test Date: 03/14/2023; Ambient Temp: 22.9°C; Tissue Temp: 19.7°C

Probe: EX3DV4 - SN7406; ConvF:(9.48,9.48,9.48); Calibrated: 2022-07-18

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

Electronics: DAE4 Sn1677; Calibrated: 2022-07-18

Phantom: Twin-SAM V8.0; Serial: 2064

Measurement SW: DASY Module SAR V16.2.0.1425

**Mode: LTE Band 5, Body SAR, Back Side, Mid Ch,
10 MHz Bandwidth, QPSK, 25 RB, 25 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

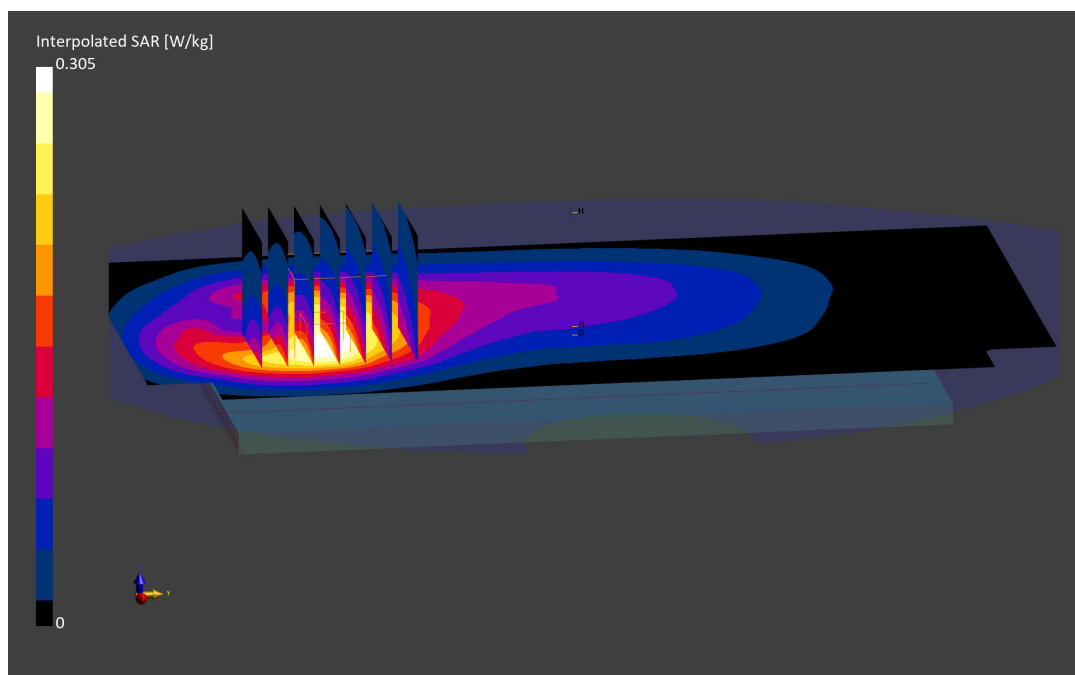
Reference Value = 0.20 W/kg; Power Drift = 0.00 dB

Peak SAR (extrapolated) = 0.306 W/kg

SAR(1 g) = 0.189 W/kg

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

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



ELEMENT

DUT: PY7-25682R; Type: Portable Handset; Serial: 89523

Communication System: UID:10297 - AAD, LTE-FDD; MAIA: Y; Frequency: 1720.0 MHz

Medium: 1750 Body; Medium parameters used:

f = 1720.0 MHz; cond = 1.44 S/m; perm = 53.4; density = 1000 kg/m³

Phantom Section: Flat; Space: 10.00 mm

Test Date: 03/14/2023; Ambient Temp: 21.7°C; Tissue Temp: 19.7°C

Probe: EX3DV4 - SN7406; ConvF:(8.06,8.06,8.06); Calibrated: 2022-07-18

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

Electronics: DAE4 Sn1677; Calibrated: 2022-07-18

Phantom: Twin-SAM V8.0; Serial: 2064

Measurement SW: DASY Module SAR V16.2.0.1425

**Mode: LTE Band 66 (AWS), Body SAR, Back Side, Low Ch.,
20 MHz Bandwidth, QPSK, 50 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

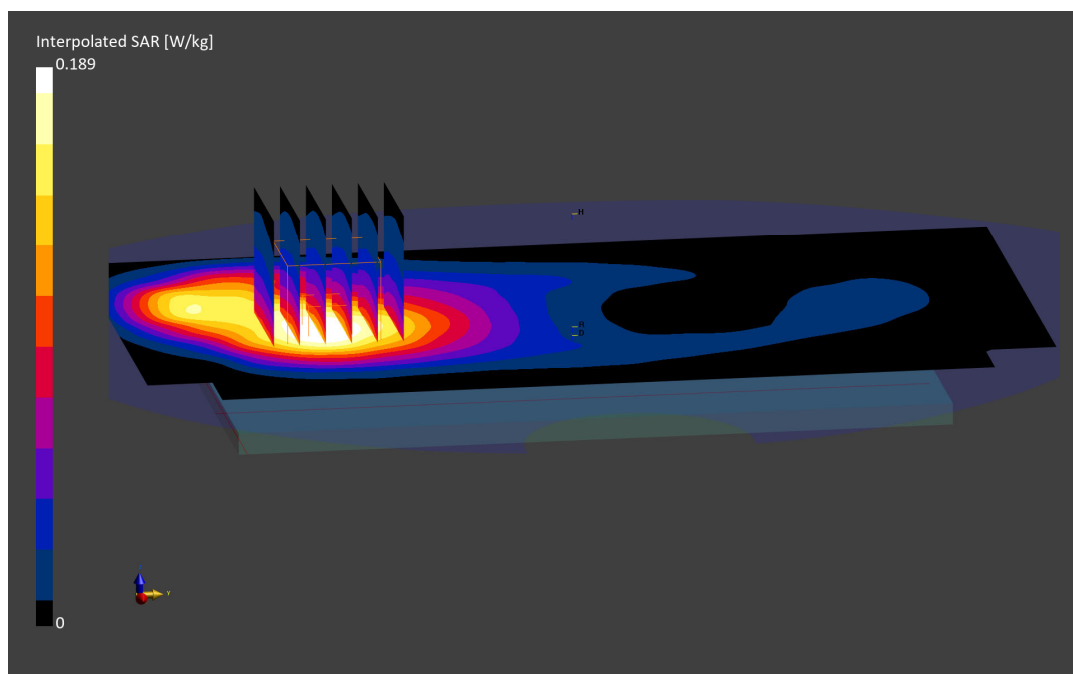
Reference Value = 0.12 W/kg; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 0.189 W/kg

SAR(1 g) = 0.118 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 = 84.1 %



ELEMENT

DUT: PY7-25682R; Type: Portable Handset; Serial: 89523

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

Medium: 1750 Body; Medium parameters used:

f = 1720.0 MHz; cond = 1.44 S/m; perm = 53.4; density = 1000 kg/m³

Phantom Section: Flat; Space: 10.00 mm

Test Date: 03/14/2023; Ambient Temp: 21.7°C; Tissue Temp: 19.7°C

Probe: EX3DV4 - SN7406; ConvF:(8.06,8.06,8.06); Calibrated: 2022-07-18

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

Electronics: DAE4 Sn1677; Calibrated: 2022-07-18

Phantom: Twin-SAM V8.0; Serial: 2064

Measurement SW: DASY Module SAR V16.2.0.1425

**Mode: LTE Band 66 (AWS), Body SAR, Bottom Edge, Low Ch.,
20 MHz Bandwidth, QPSK, 1 RB, 50 RB Offset**

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

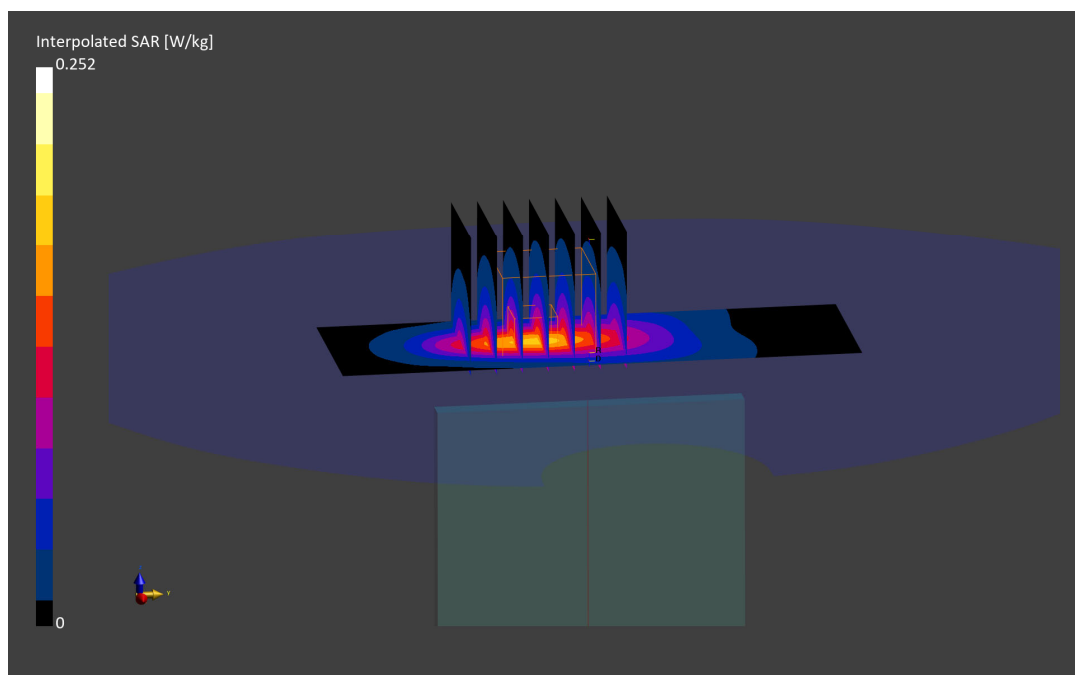
Reference Value = 0.15 W/kg; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 0.252 W/kg

SAR(1 g) = 0.141 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 = 81.7 %



ELEMENT

DUT: PY7-25682R; Type: Portable Handset; Serial: 89788

Communication System: UID:10169 - CAE, LTE-FDD; MAIA: Y; Frequency: 1882.5 MHz

Medium: 1900 Body; Medium parameters used:

f = 1882.5 MHz; cond = 1.50 S/m; perm = 52.2; density = 1000 kg/m³

Phantom Section: Flat; Space: 10.00 mm

Test Date: 03/15/2023; Ambient Temp: 21.5°C; Tissue Temp: 19.4°C

Probe: EX3DV4 - SN7639; ConvF:(8.96,8.96,8.96); Calibrated: 2022-11-14

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

Electronics: DAE4 Sn1646; Calibrated: 2022-11-10

Phantom: Twin-SAM V8.0; Serial: 1936

Measurement SW: DASY Module SAR V16.2.0.1425

**Mode: LTE Band 25, 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

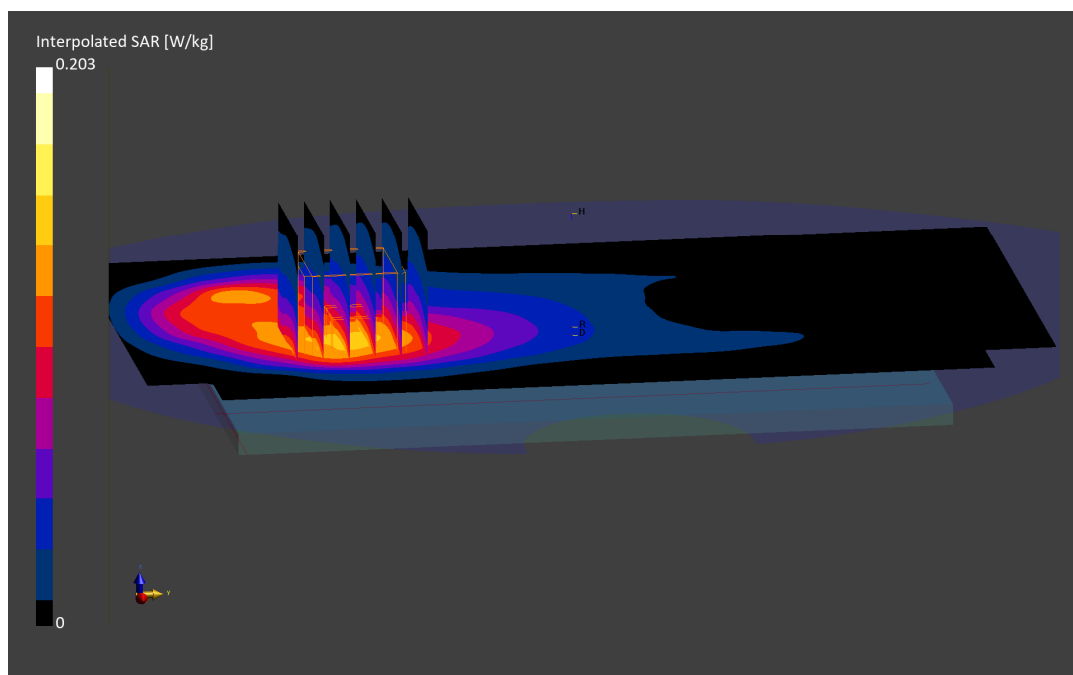
Reference Value = 0.11 W/kg; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 0.203 W/kg

SAR(1 g) = 0.126 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 = 84.3 %



ELEMENT

DUT: PY7-25682R; Type: Portable Handset; Serial: 89788

Communication System: UID:10169 - CAE, LTE-FDD; MAIA: Y; Frequency: 1882.5 MHz

Medium: 1900 Body; Medium parameters used:

f = 1882.5 MHz; cond = 1.50 S/m; perm = 52.2; density = 1000 kg/m³

Phantom Section: Flat; Space: 10.00 mm

Test Date: 03/15/2023; Ambient Temp: 21.5°C; Tissue Temp: 19.4°C

Probe: EX3DV4 - SN7639; ConvF:(8.96,8.96,8.96); Calibrated: 2022-11-14

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

Electronics: DAE4 Sn1646; Calibrated: 2022-11-10

Phantom: Twin-SAM V8.0; Serial: 1936

Measurement SW: DASY Module SAR V16.2.0.1425

**Mode: LTE Band 25, Body SAR, Bottom edge, Mid Ch,
20 MHz Bandwidth, QPSK, 1 RB, 99 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

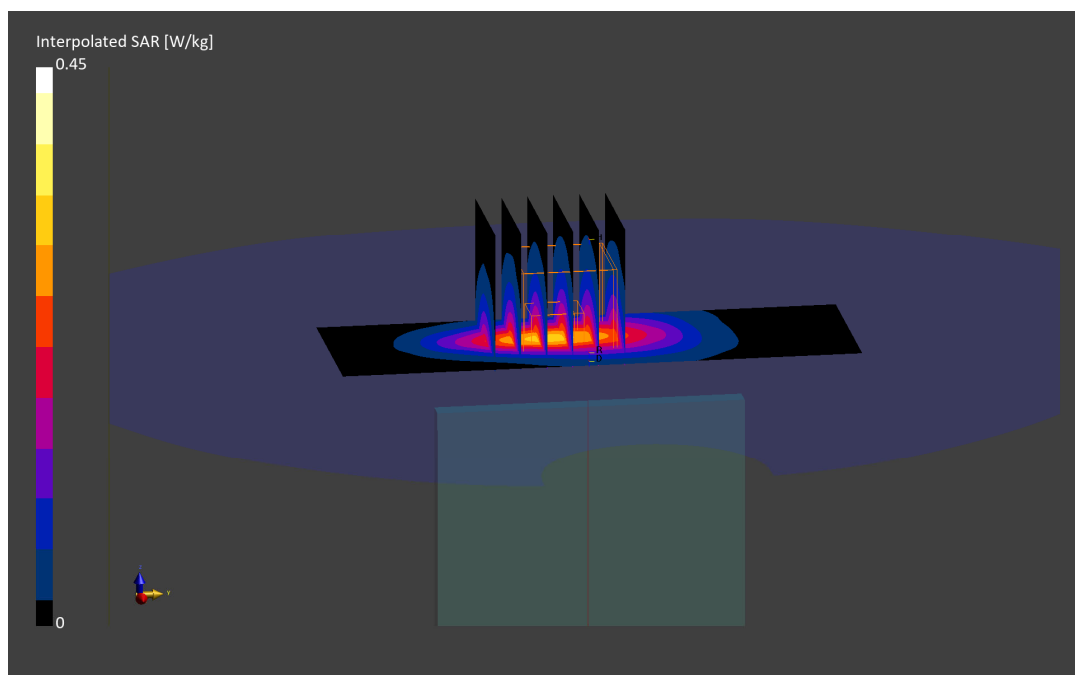
Reference Value = 0.22 W/kg; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 0.450 W/kg

SAR(1 g) = 0.252 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 = 83.8 %



ELEMENT

DUT: PY7-25682R; Type: Portable Handset; Serial: 89788

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

Medium: 2450 Body; Medium parameters used:

f = 2593.0 MHz; cond = 2.07 S/m; perm = 53.2; density = 1000 kg/m³

Phantom Section: Flat; Space: 10.00 mm

Test Date: 02/28/2023; Ambient Temp: 20.4°C; Tissue Temp: 19.6°C

Probe: EX3DV4 - SN7420; ConvF:(7.27,7.27,7.27); Calibrated: 2022-10-20

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

Electronics: DAE4 Sn1333; Calibrated: 2022-10-13

Phantom: Twin-SAM V8.0; Serial: 1736

Measurement SW: DASY Module SAR V16.2.0.1425

**Mode: LTE Band 41, Body SAR, Back Side, Mid Ch.,
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

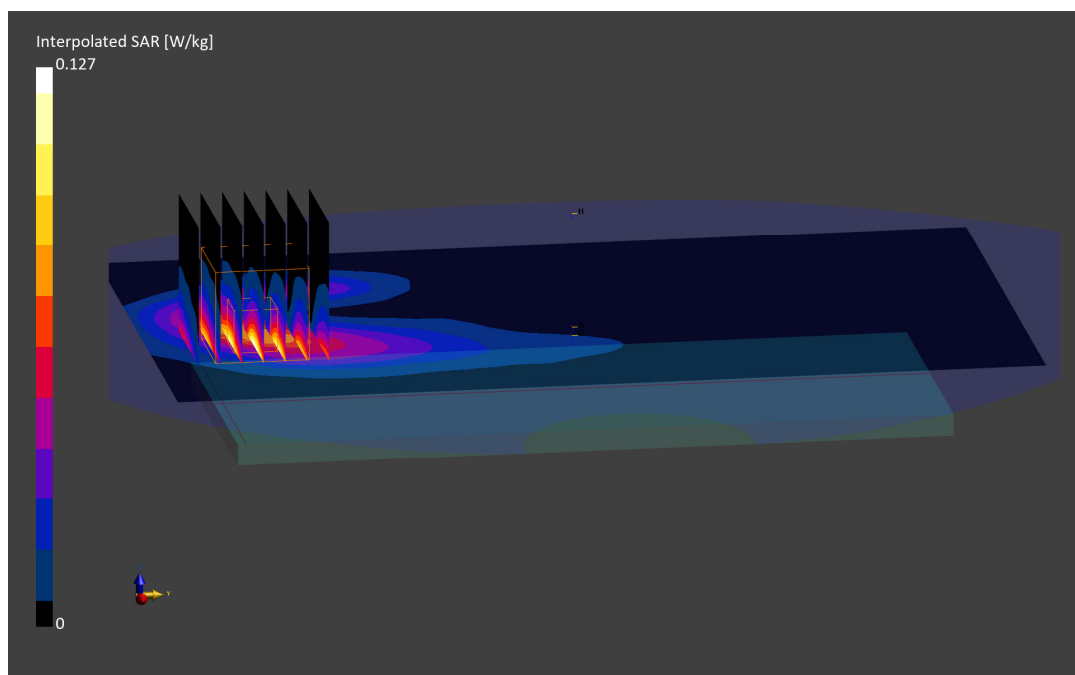
Reference Value = 0.05 W/kg; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 0.127 W/kg

SAR(1 g) = 0.064 W/kg

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

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



ELEMENT

DUT: PY7-25682R; Type: Portable Handset; Serial: 89788

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

Medium: 2450 Body; Medium parameters used:

f = 2593.0 MHz; cond = 2.07 S/m; perm = 53.2; density = 1000 kg/m³

Phantom Section: Flat; Space: 10.00 mm

Test Date: 02/28/2023; Ambient Temp: 20.4°C; Tissue Temp: 19.6°C

Probe: EX3DV4 - SN7420; ConvF:(7.27,7.27,7.27); Calibrated: 2022-10-20

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

Electronics: DAE4 Sn1333; Calibrated: 2022-10-13

Phantom: Twin-SAM V8.0; Serial: 1736

Measurement SW: DASY Module SAR V16.2.0.1425

**Mode: LTE Band 41, Body SAR, Front Side, Mid Ch.,
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

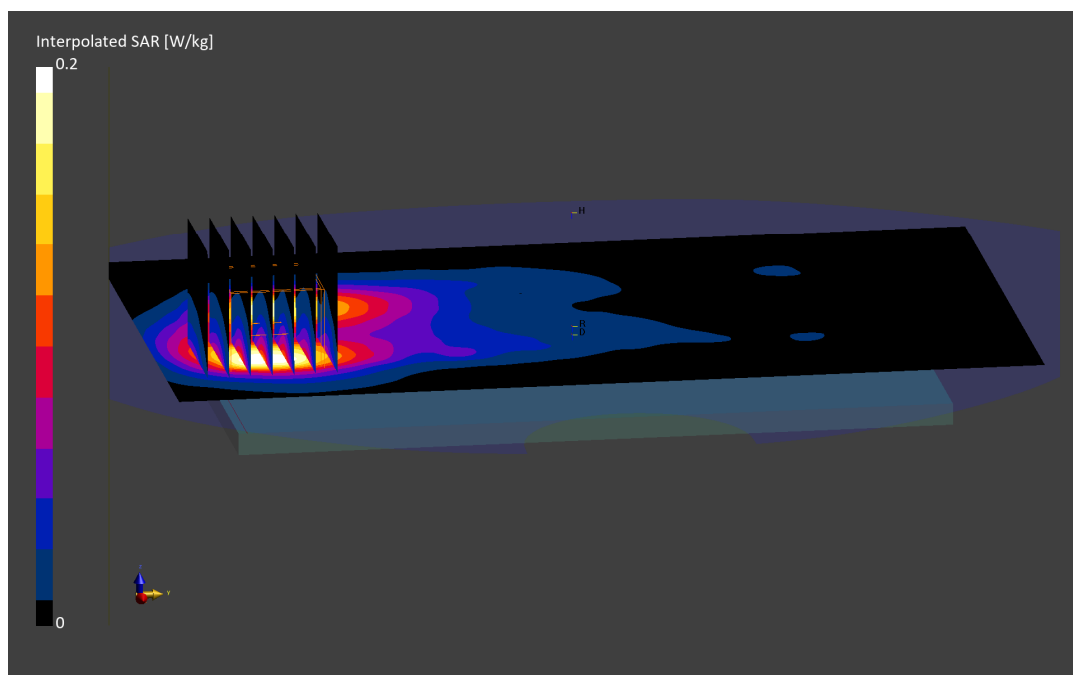
Reference Value = 0.08 W/kg; Power Drift = 0.11 dB

Peak SAR (extrapolated) = 0.200 W/kg

SAR(1 g) = 0.098 W/kg

Smallest distance from peaks to all points 3 dB below is 10.5 mm

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



ELEMENT

DUT: PY7-25682R; Type: Portable Handset; Serial: 87089

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

Medium: 2450 Body; Medium parameters used:

f = 2437.0 MHz; cond = 2.00 S/m; perm = 51.5; density = 1000 kg/m³

Phantom Section: Flat; Space: 10.00 mm

Test Date: 03/01/2023; Ambient Temp: 22.3°C; Tissue Temp: 20.5°C

Probe: EX3DV4 - SN7410; ConvF:(7.52,7.52,7.52); Calibrated: 2022-07-19

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

Electronics: DAE4 Sn1583; Calibrated: 2022-07-18

Phantom: Twin-SAM V8.0; Serial: 1966

Measurement SW: DASY Module SAR V16.2.0.1425

Mode: IEEE 802.11n, 20 MHz Bandwidth, MIMO, Body SAR, Back Side, 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

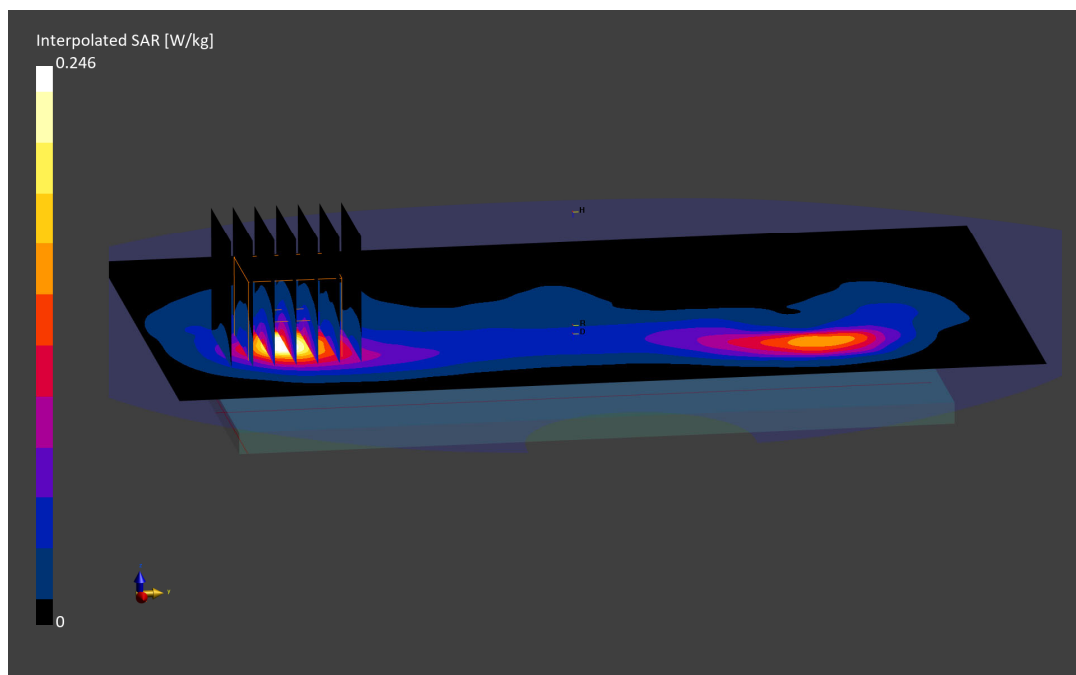
Reference Value = 0.11 W/kg; Power Drift = -0.14 dB

Peak SAR (extrapolated) = 0.246 W/kg

SAR(1 g) = 0.113 W/kg

Smallest distance from peaks to all points 3 dB below is 7.7 mm

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



ELEMENT

DUT: PY7-25682R; Type: Portable Handset; Serial: 87089

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

Medium: 2450 Body; Medium parameters used:

f = 2437.0 MHz; cond = 2.00 S/m; perm = 51.5; density = 1000 kg/m³

Phantom Section: Flat; Space: 10.00 mm

Test Date: 03/01/2023; Ambient Temp: 22.3°C; Tissue Temp: 20.5°C

Probe: EX3DV4 - SN7410; ConvF:(7.52,7.52,7.52); Calibrated: 2022-07-19

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

Electronics: DAE4 Sn1583; Calibrated: 2022-07-18

Phantom: Twin-SAM V8.0; Serial: 1966

Measurement SW: DASY Module SAR V16.2.0.1425

Mode: IEEE 802.11n, 20 MHz Bandwidth, MIMO, Body SAR, Left Edge, Ch. 6, 13 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

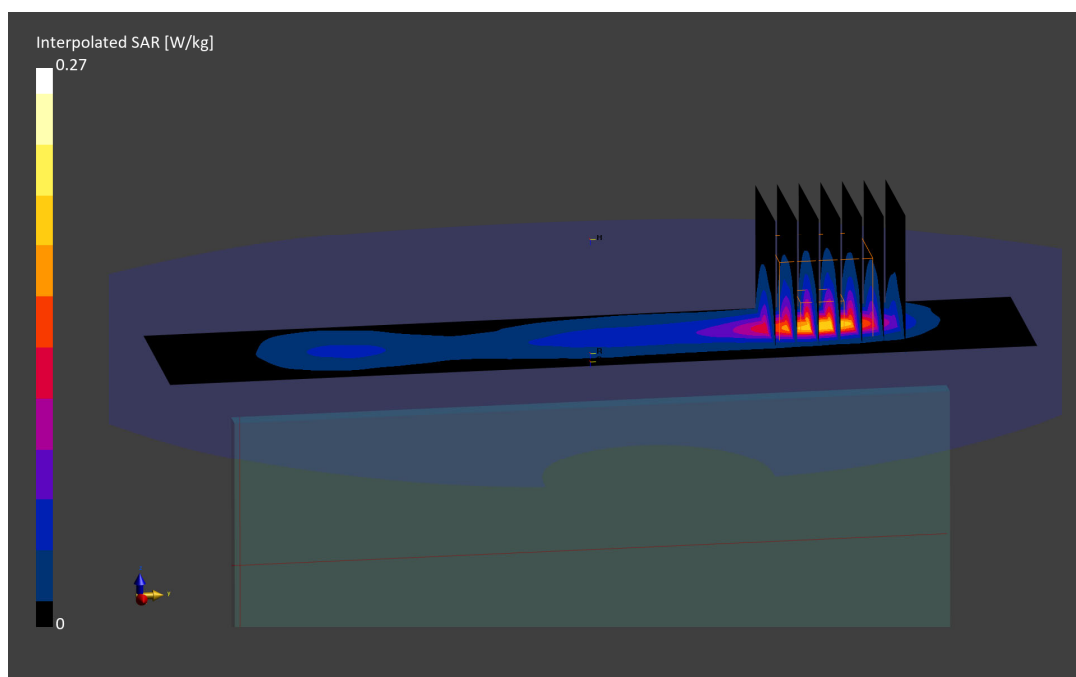
Reference Value = 0.14 W/kg; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 0.270 W/kg

SAR(1 g) = 0.145 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 = 84.9 %



ELEMENT

DUT: PY7-25682R; Type: Portable Handset; Serial: 89762

Communication System: UID:10544 - AAC, WLAN; MAIA: Y; Frequency: 5290.0 MHz
Medium: 5200-5800 Body; Medium parameters used:
f = 5290.0 MHz; cond = 5.25 S/m; perm = 48.5; density = 1000 kg/m³
Phantom Section: Flat; Space: 10.00 mm

Test Date: 02/28/2023; Ambient Temp: 22.3°C; Tissue Temp: 21.9°C

Probe: EX3DV4 - SN7659; ConvF:(5.21,5.21,5.21); Calibrated: 2022-04-20
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1407; Calibrated: 2022-04-13
Phantom: Twin-SAM V5.0; Serial: 1873
Measurement SW: DASY Module SAR V16.2.0.1425

**Mode: IEEE 802.11ac, 80 MHz Bandwidth, UNII-2A, MIMO,
Ch. 58, 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

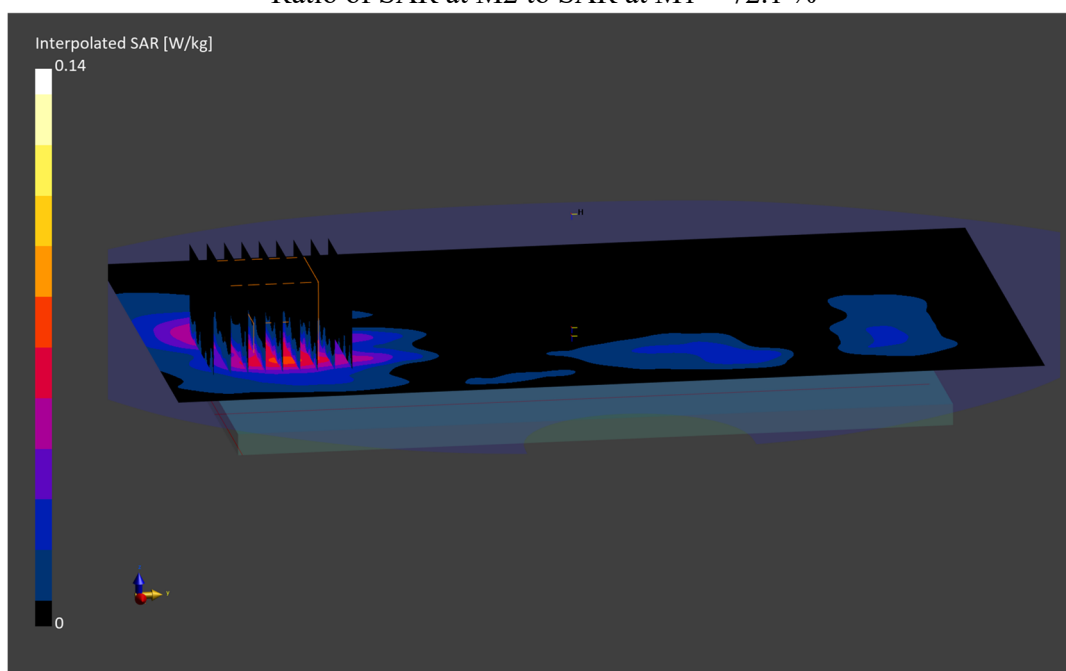
Reference Value = -0.02 W/kg; Power Drift = -0.19 dB

Peak SAR (extrapolated) = 0.140 W/kg

SAR(1 g) = 0.046 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 = 72.1 %



ELEMENT

DUT: PY7-25682R; Type: Portable Handset; Serial: 89606

Communication System: UID:10117 - CAD, WLAN; MAIA: Y; Frequency: 5795.0 MHz

Medium: 5200-5800 Body; Medium parameters used:

$f = 5795.0$ MHz; $\text{cond} = 5.95$ S/m; $\text{perm} = 46.4$; $\text{density} = 1000$ kg/m³

Phantom Section: Flat; Space: 10.00 mm

Test Date: 03/06/2023; Ambient Temp: 23.0°C; Tissue Temp: 21.3°C

Probe: EX3DV4 - SN7659; ConvF:(4.67,4.67,4.67); Calibrated: 2022-04-20

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

Electronics: DAE4 Sn1407; Calibrated: 2022-04-13

Phantom: Twin-SAM V5.0; Serial: 1873

Measurement SW: DASY Module SAR V16.2.0.1425

**Mode: IEEE 802.11n, 40 MHz Bandwidth, UNII-3, MIMO,
Ch. 159, Body SAR, Left Edge, 27 Mbps**

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

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

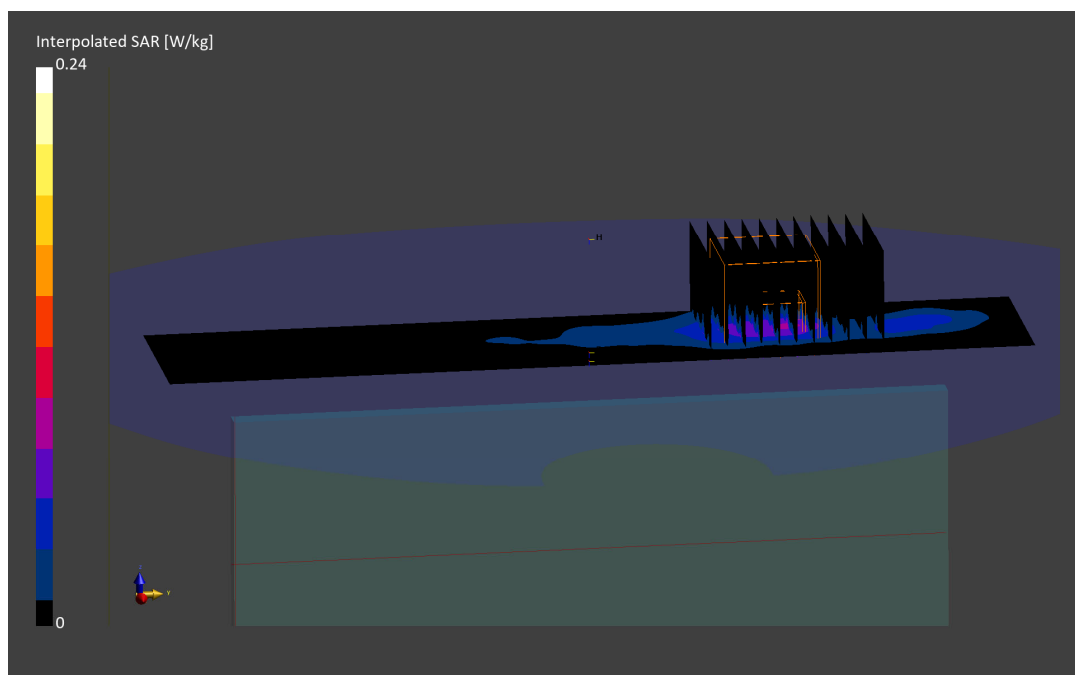
Reference Value = 0.03 W/kg; Power Drift = -0.11 dB

Peak SAR (extrapolated) = 0.240 W/kg

SAR(1 g) = 0.055 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 = 68.3 %



ELEMENT

DUT: PY7-25682R; Type: Portable Handset; Serial: 87089

Communication System: UID:10032 - CAA, Bluetooth; MAIA: Y; Frequency: 2480.0 MHz

Medium: 2450 Body; Medium parameters used:

f = 2480.0 MHz; cond = 2.04 S/m; perm = 51.4; density = 1000 kg/m³

Phantom Section: Flat; Space: 10.00 mm

Test Date: 03/01/2023; Ambient Temp: 22.3°C; Tissue Temp: 20.5°C

Probe: EX3DV4 - SN7410; ConvF:(7.52,7.52,7.52); Calibrated: 2022-07-19

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

Electronics: DAE4 Sn1583; Calibrated: 2022-07-18

Phantom: Twin-SAM V8.0; Serial: 1966

Measurement SW: DASY Module SAR V16.2.0.1425

Mode: Bluetooth, WiFi Sub, Body SAR, Ch. 78, 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

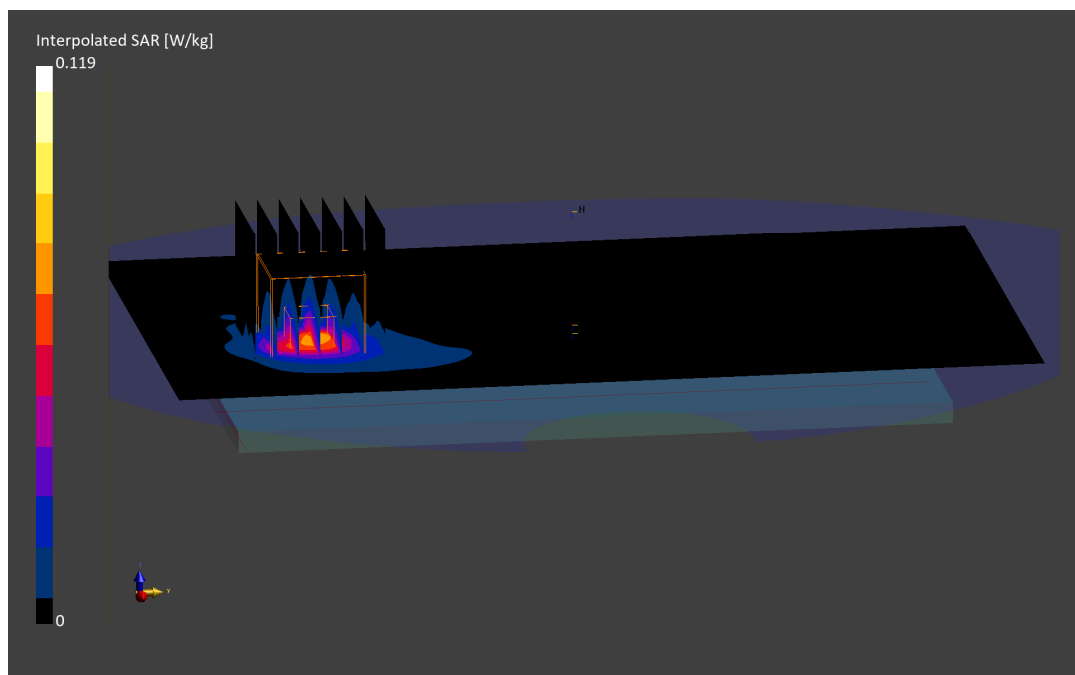
Reference Value = 0.05 W/kg; Power Drift = 0.13 dB

Peak SAR (extrapolated) = 0.119 W/kg

SAR(1 g) = 0.054 W/kg

Smallest distance from peaks to all points 3 dB below is 7.7 mm

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



ELEMENT

DUT: PY7-25682R; Type: Portable Handset; Serial: 87089

Communication System: UID:10032 - CAA, Bluetooth; MAIA: Y; Frequency: 2480.0 MHz

Medium: 2450 Body; Medium parameters used:

f = 2480.0 MHz; cond = 2.04 S/m; perm = 51.4; density = 1000 kg/m³

Phantom Section: Flat; Space: 10.00 mm

Test Date: 03/01/2023; Ambient Temp: 22.3°C; Tissue Temp: 20.5°C

Probe: EX3DV4 - SN7410; ConvF:(7.52,7.52,7.52); Calibrated: 2022-07-19

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

Electronics: DAE4 Sn1583; Calibrated: 2022-07-18

Phantom: Twin-SAM V8.0; Serial: 1966

Measurement SW: DASY Module SAR V16.2.0.1425

Mode: Bluetooth, WiFi Main, Body SAR, Ch. 78, 1Mbps, Left Edge

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

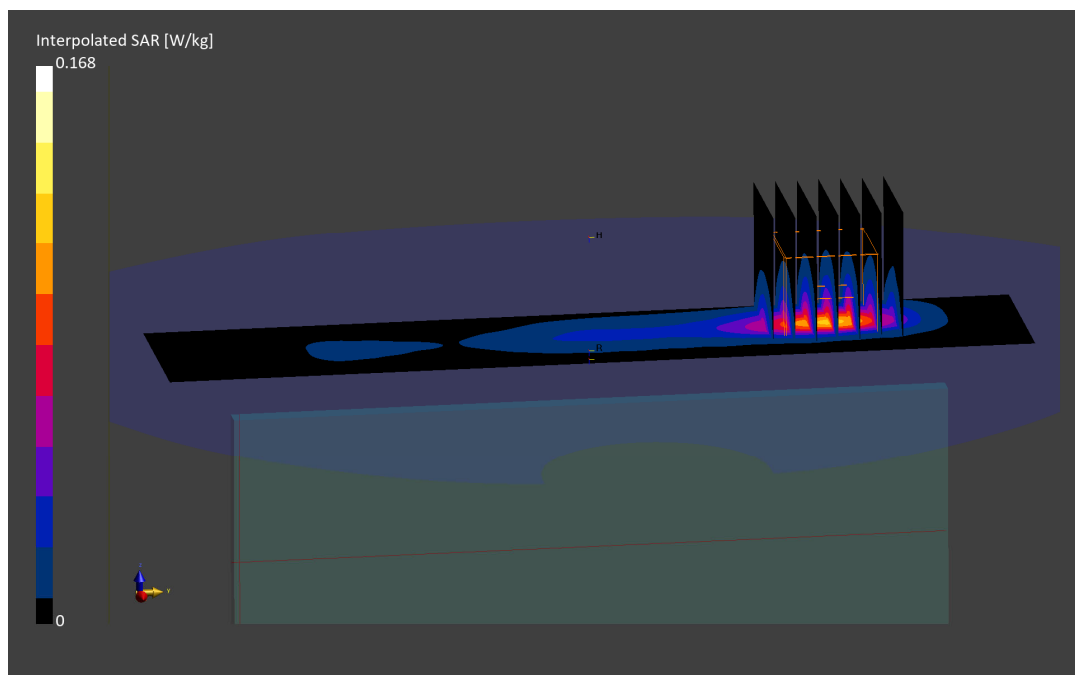
Reference Value = 0.08 W/kg; Power Drift = -0.12 dB

Peak SAR (extrapolated) = 0.168 W/kg

SAR(1 g) = 0.084 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 = 79.5 %



ELEMENT

DUT: PY7-25682R; Type: Portable Handset; Serial: 89762

Communication System: UID:10544 - AAC, WLAN; MAIA: Y; Frequency: 5690.0 MHz

Medium: 5200-5800 Body; Medium parameters used:

f = 5690.0 MHz; cond = 5.82 S/m; perm = 47.8; density = 1000 kg/m³

Phantom Section: Flat; Space: 0.00 mm

Test Date: 02/28/2023; Ambient Temp: 22.3°C; Tissue Temp: 21.9°C

Probe: EX3DV4 - SN7659; ConvF:(4.67,4.67,4.67); Calibrated: 2022-04-20

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

Electronics: DAE4 Sn1407; Calibrated: 2022-04-13

Phantom: Twin-SAM V5.0; Serial: 1873

Measurement SW: DASY Module SAR V16.2.0.1425

**Mode: IEEE 802.11ac, 80 MHz Bandwidth, UNII-2C, MIMO,
Ch. 138, Phablet SAR, Left Edge, 58.5 Mbps**

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

Zoom Scan (22.0 x 22.0 x 22.0): Measurement grid: dx=2.6 mm, dy=2.6 mm, dz=1.2 mm; Graded Ratio: 1.2

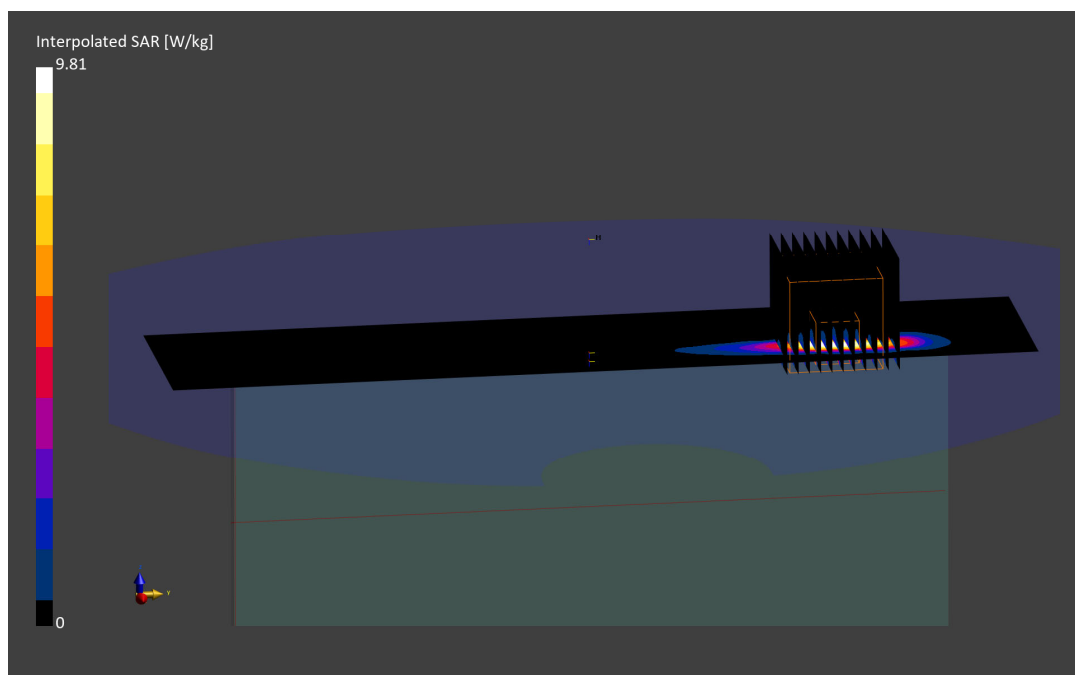
Reference Value = 0.00 W/kg; Power Drift = 0.15 dB

Peak SAR (extrapolated) = 9.81 W/kg

SAR(10 g) = 0.351 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 = 62.3 %



ELEMENT

DUT: PY7-25682R; Type: Portable Handset; Serial: 89747

Communication System: UID:0 - -, CW; MAIA: Y; Frequency: 13.6 MHz

Medium: 30 Head; Medium parameters used:

f = 13.6 MHz; cond = 0.745 S/m; perm = 55.5; density = 1000 kg/m³

Phantom Section: Flat; Space: 0.00 mm

Test Date: 02/28/2023; Ambient Temp: 23.2°C; Tissue Temp: 21.2°C

Probe: EX3DV4 - SN7417; ConvF:(18.67,18.67,18.67); Calibrated: 2023-02-08

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

Electronics: DAE4 Sn665; Calibrated: 2023-02-15

Phantom: ELI V8.0; Serial: 2077

Measurement SW: DASY Module SAR V16.2.0.1425

Mode: NFC, Phablet SAR, Back Side

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=2.6 mm, dy=2.6 mm, dz=1.2 mm; Graded Ratio: 1.2

Reference Value = 0.00 W/kg; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 0.813 W/kg

SAR(10 g) = 0.036 W/kg

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

Ratio of SAR at M2 to SAR at M1 = 56.6 %

