

APPENDIX A: SAR TEST PLOTS

ELEMENT

DUT: A3LSMS928JPN; Type: Portable Handset; Serial: 1727M

Communication System: UID:10021 - DAC, GSM; MAIA: Y; Frequency: 848.8 MHz

Medium: 835 Head; Medium parameters used:

$f = 848.8$ MHz; $\text{cond} = 0.920$ S/m; $\text{perm} = 40.9$; $\text{density} = 1000$ kg/m³

Phantom Section: LeftHead; Space: 0.00 mm

Test Date: 01/11/2024; Ambient Temp: 21.9°C; Tissue Temp: 21.1°C

Probe: EX3DV4 - SN7640; ConvF:(10.56,10.56,10.56); Calibrated: 2023-02-10

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

Electronics: DAE4 Sn1645; Calibrated: 2023-02-16

Phantom: Twin-SAM V5.0; Serial: 1868

Measurement SW: DASY Module SAR V16.2.0.1425

Mode: GSM 850, Antenna E, Exp: Head| Left Cheek, Ch. High

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

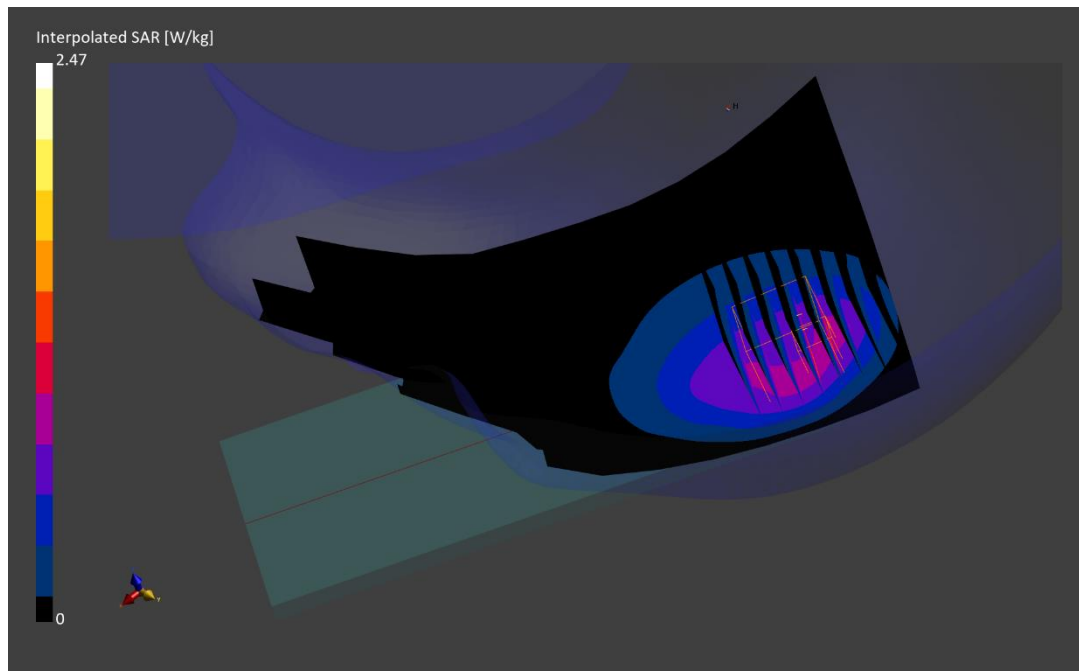
Reference Value = 0.74 W/kg; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 2.47 W/kg

SAR(1 g) = 1.00 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 = 69.5 %



ELEMENT

DUT: A3LSMS928JPN; Type: Portable Handset; Serial: 1727M

Communication System: UID:10021 - DAC, GSM; MAIA: Y; Frequency: 848.8 MHz

Medium: 835 Head; Medium parameters used:

f = 848.8 MHz; cond = 0.920 S/m; perm = 40.9; density = 1000 kg/m³

Phantom Section: Flat; Space: 10.00 mm

Test Date: 01/11/2024; Ambient Temp: 21.9°C; Tissue Temp: 21.1°C

Probe: EX3DV4 - SN7640; ConvF:(10.56,10.56,10.56); Calibrated: 2023-02-10

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

Electronics: DAE4 Sn1645; Calibrated: 2023-02-16

Phantom: Twin-SAM V5.0 (30deg probe tilt); Serial: 1868

Measurement SW: DASY Module SAR V16.2.0.1425

Mode: GSM 850, Antenna E, Exp: Body-worn| Back Side, Ch. High

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

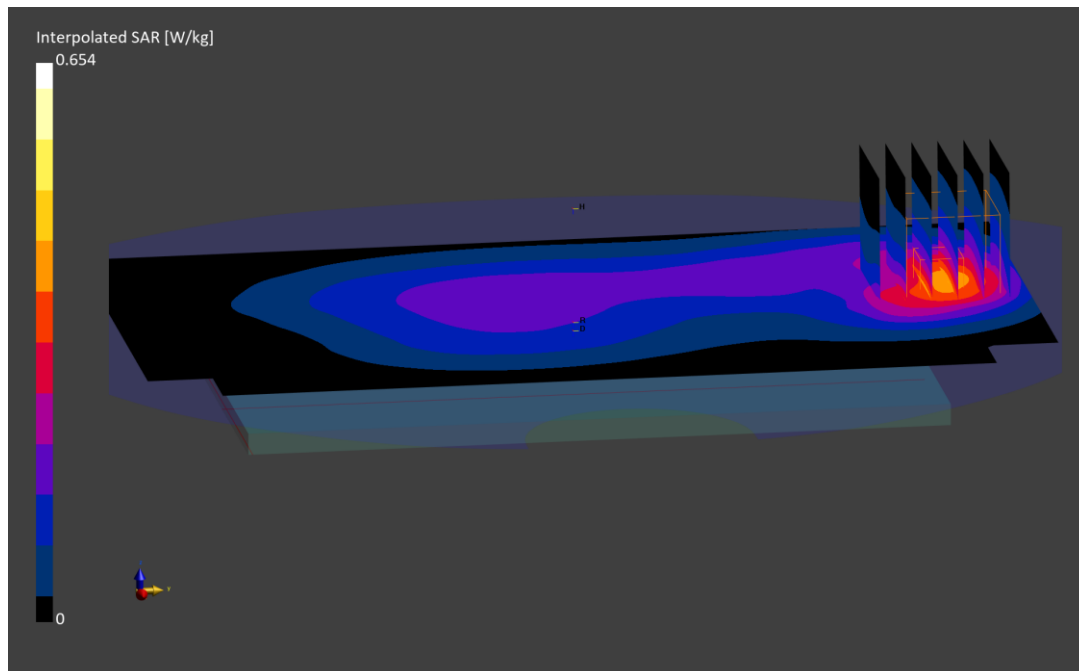
Reference Value = 0.30 W/kg; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 0.654 W/kg

SAR(1 g) = 0.372 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 = 83.2 %



ELEMENT

DUT: A3LSMS928JPN; Type: Portable Handset; Serial: 1727M

Communication System: UID:10027 - DAC, GSM; MAIA: Y; Frequency: 836.6 MHz

Medium: 835 Head; Medium parameters used:

f = 836.6 MHz; cond = 0.915 S/m; perm = 41.0; density = 1000 kg/m³

Phantom Section: Flat; Space: 10.00 mm

Test Date: 01/11/2024; Ambient Temp: 21.9°C; Tissue Temp: 21.1°C

Probe: EX3DV4 - SN7640; ConvF:(10.56,10.56,10.56); Calibrated: 2023-02-10

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

Electronics: DAE4 Sn1645; Calibrated: 2023-02-16

Phantom: Twin-SAM V5.0; Serial: 1868

Measurement SW: DASY Module SAR V16.2.0.1425

Mode: GPRS 850, Antenna E, Exp: Hotspot| Top Edge, Ch. Mid, 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

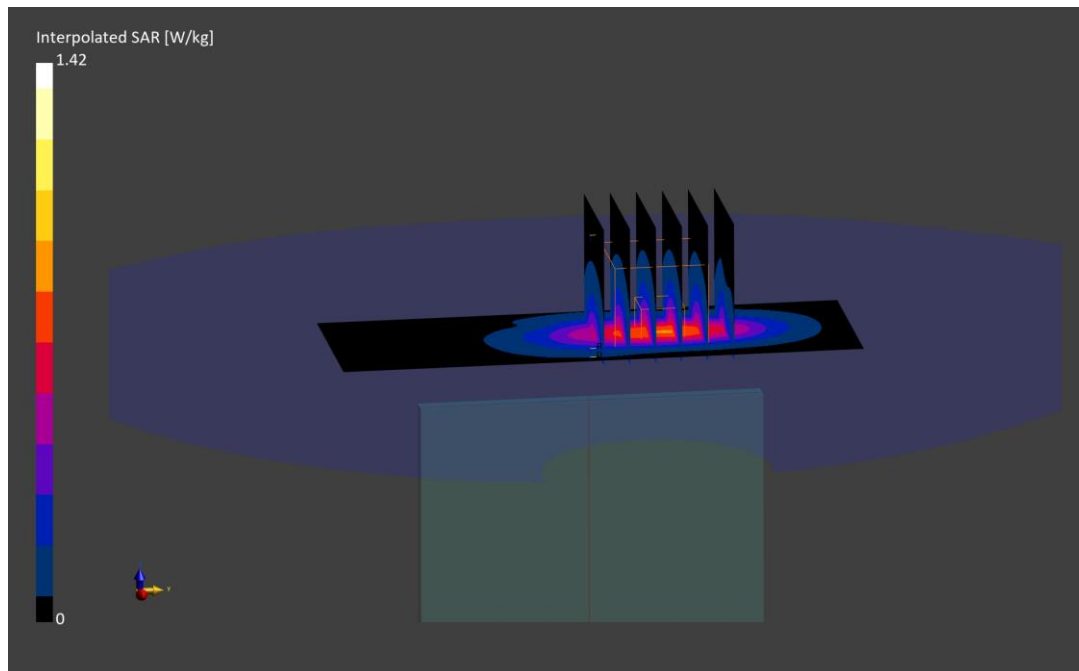
Reference Value = 0.52 W/kg; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 1.42 W/kg

SAR(1 g) = 0.673 W/kg

Smallest distance from peaks to all points 3 dB below is 8.5 mm

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



ELEMENT

DUT: A3LSMS928JPN; Type: Portable Handset; Serial: 1668M

Communication System: UID:10021 - DAC, GSM; MAIA: Y; Frequency: 1909.8 MHz

Medium: 1750 Head; Medium parameters used:

f = 1909.8 MHz; cond = 1.44 S/m; perm = 39.5; density = 1000 kg/m³

Phantom Section: LeftHead; Space: 0.00 mm

Test Date: 01/15/2024; Ambient Temp: 19.0°C; Tissue Temp: 19.2°C

Probe: EX3DV4 - SN7491; ConvF:(8.27,8.27,8.27); Calibrated: 2023-06-08

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

Electronics: DAE4 Sn1532; Calibrated: 2023-06-15

Phantom: Twin-SAM V5.0 (30deg probe tilt); Serial: 1797

Measurement SW: DASY Module SAR V16.2.0.1425

Mode: GSM 1900, Antenna A, Exp: Head| Left Cheek, Ch. High

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

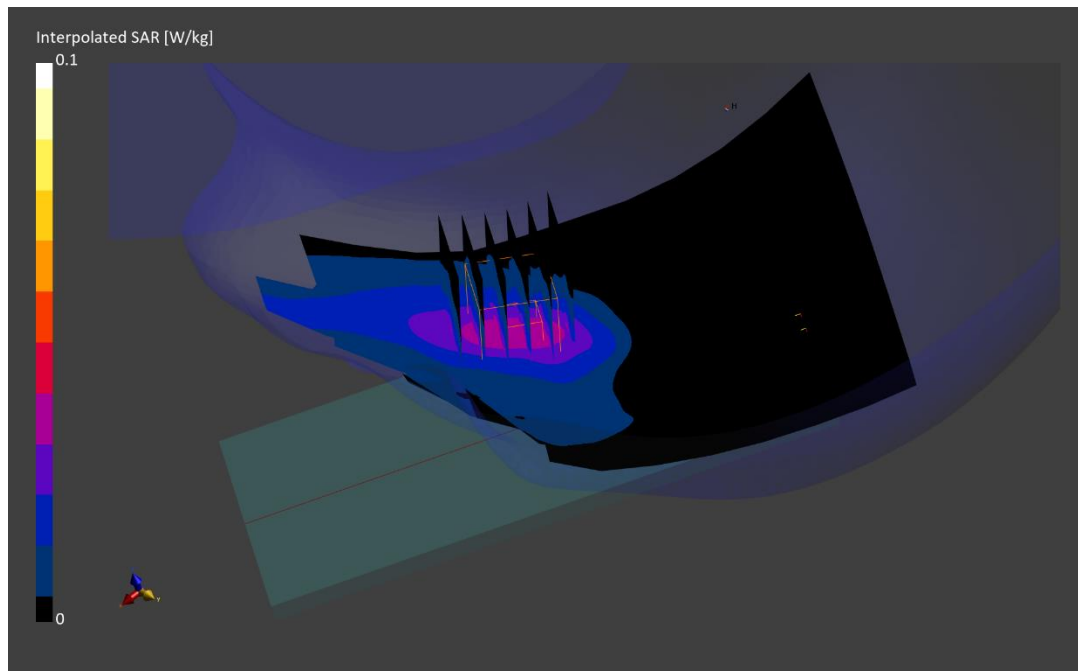
Reference Value = 0.04 W/kg; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.057 W/kg

SAR(1 g) = 0.036 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 = 92.2 %



ELEMENT

DUT: A3LSMS928JPN; Type: Portable Handset; Serial: 1668M

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

Medium: 1750 Head; Medium parameters used:

f = 1880.0 MHz; cond = 1.42 S/m; perm = 39.6; density = 1000 kg/m³

Phantom Section: Flat; Space: 10.00 mm

Test Date: 01/15/2024; Ambient Temp: 19.0°C; Tissue Temp: 19.2°C

Probe: EX3DV4 - SN7491; ConvF:(8.27,8.27,8.27); Calibrated: 2023-06-08

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

Electronics: DAE4 Sn1532; Calibrated: 2023-06-15

Phantom: Twin-SAM V5.0 (30deg probe tilt); Serial: 1797

Measurement SW: DASY Module SAR V16.2.0.1425

Mode: GSM 1900, Antenna A, Exp: Body-worn| Back Side, Ch. Mid

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

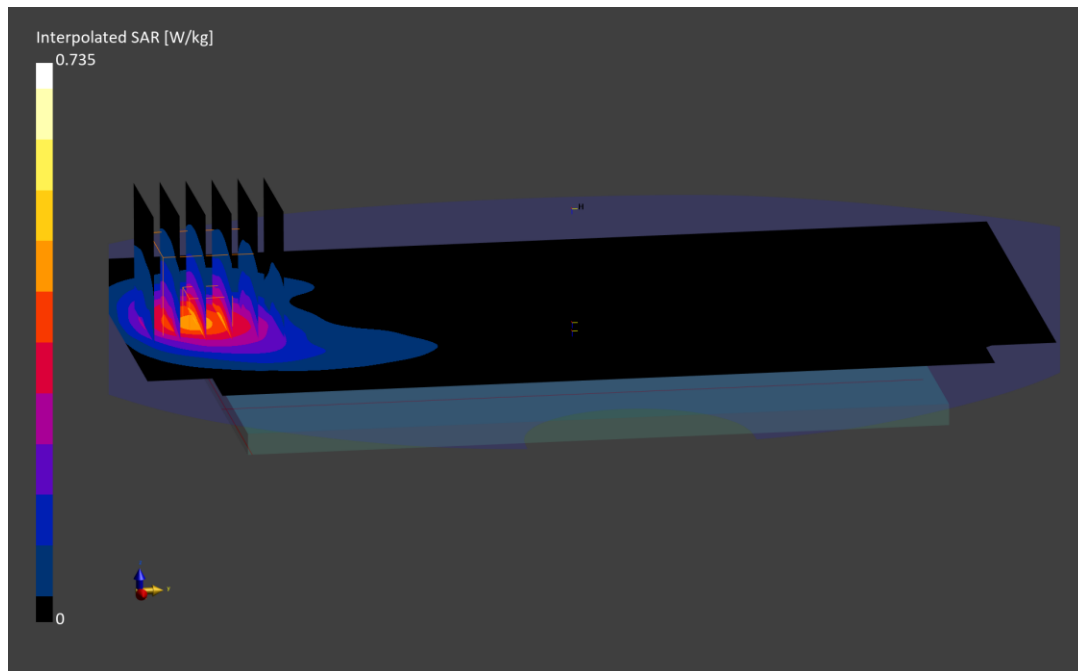
Reference Value = 0.38 W/kg; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.735 W/kg

SAR(1 g) = 0.421 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 = 82.5 %



ELEMENT

DUT: A3LSMS928JPN; Type: Portable Handset; Serial: 1668M

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

Medium: 1750 Head; Medium parameters used:

f = 1880.0 MHz; cond = 1.42 S/m; perm = 39.6; density = 1000 kg/m³

Phantom Section: Flat; Space: 10.00 mm

Test Date: 01/15/2024; Ambient Temp: 19.0°C; Tissue Temp: 19.2°C

Probe: EX3DV4 - SN7491; ConvF:(8.27,8.27,8.27); Calibrated: 2023-06-08

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

Electronics: DAE4 Sn1532; Calibrated: 2023-06-15

Phantom: Twin-SAM V5.0 (30deg probe tilt); Serial: 1797

Measurement SW: DASY Module SAR V16.2.0.1425

Mode: GPRS 1900, Antenna A, Exp: Hotspot| Bottom Edge, Ch. Mid, 4 Tx Slots

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

Zoom Scan (36.0 x 36.0 x 30.0): Measurement grid: dx=6.0 mm, dy=6.0 mm, dz=1.5 mm; Graded Ratio: 1.5

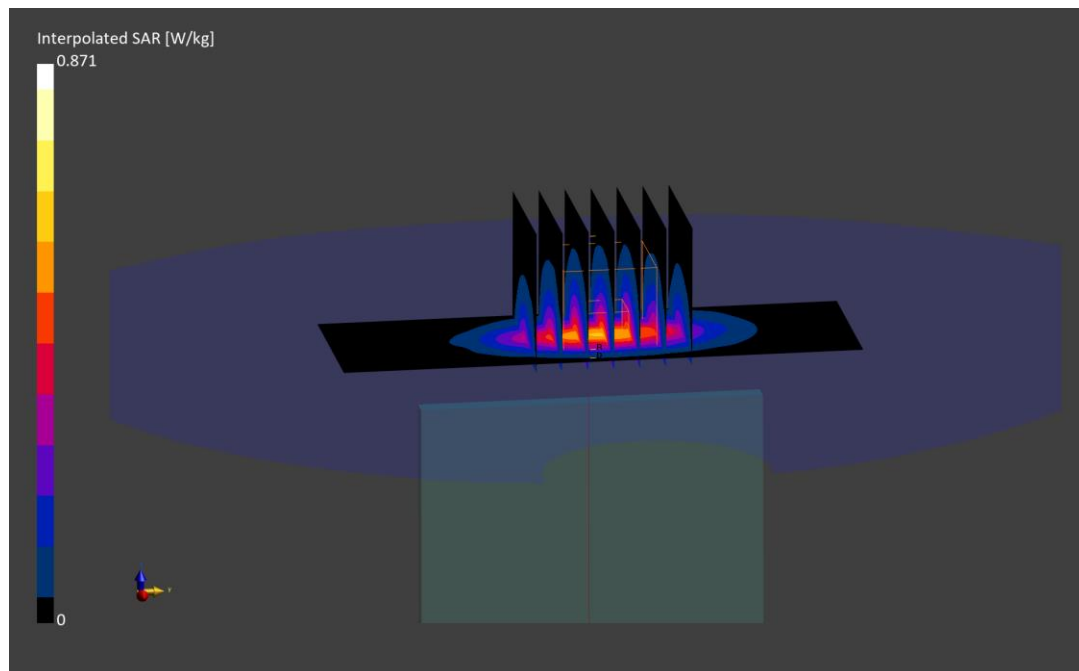
Reference Value = 0.42 W/kg; Power Drift = 0.00 dB

Peak SAR (extrapolated) = 0.871 W/kg

SAR(1 g) = 0.478 W/kg

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

Ratio of SAR at M2 to SAR at M1 = 83.2 %



ELEMENT

DUT: A3LSMS928JPN; Type: Portable Handset; Serial: 1727M

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

Medium: 835 Head; Medium parameters used:

$f = 836.6$ MHz; $\text{cond} = 0.903$ S/m; $\text{perm} = 39.9$; $\text{density} = 1000$ kg/m³

Phantom Section: LeftHead; Space: 0.00 mm

Test Date: 01/15/2024; Ambient Temp: 20.9°C; Tissue Temp: 19.7°C

Probe: EX3DV4 - SN7640; ConvF:(10.56,10.56,10.56); Calibrated: 2023-02-10

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

Electronics: DAE4 Sn1645; Calibrated: 2023-02-16

Phantom: Twin-SAM V5.0 (30deg probe tilt); Serial: 1868

Measurement SW: DASY Module SAR V16.2.0.1425

Mode: UMTS 850, Antenna E, Exp: Head| Left Cheek, Ch. Mid

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

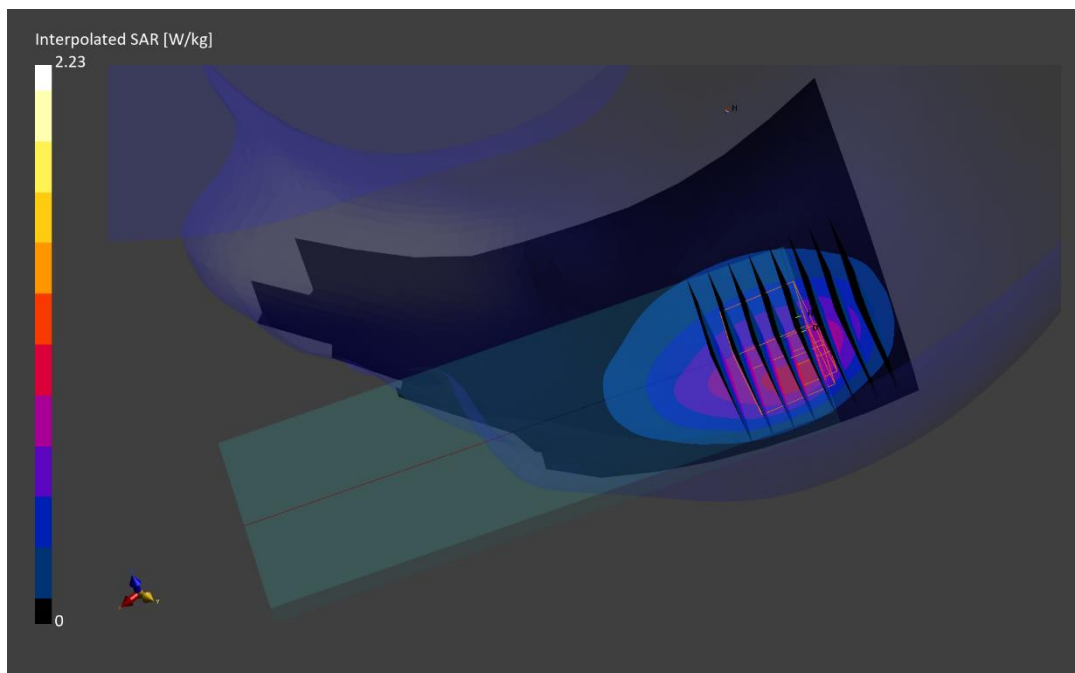
Reference Value = 0.66 W/kg; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 2.21 W/kg

SAR(1 g) = 0.92 W/kg

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

Ratio of SAR at M2 to SAR at M1 = 72.7 %



ELEMENT

DUT: A3LSMS928JPN; Type: Portable Handset; Serial: 1668M

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

Medium: 835 Head; Medium parameters used:

f = 836.6 MHz; cond = 0.918 S/m; perm = 40.7; density = 1000 kg/m³

Phantom Section: Flat; Space: 10.00 mm

Test Date: 01/11/2024; Ambient Temp: 20.9°C; Tissue Temp: 20.0°C

Probe: EX3DV4 - SN7558; ConvF:(9.92,9.92,9.92); Calibrated: 2023-09-12

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

Electronics: DAE4 Sn1364; Calibrated: 2023-09-06

Phantom: Twin-SAM V8.0; Serial: 1934

Measurement SW: DASY Module SAR V16.2.0.1425

Mode: UMTS 850, Antenna A, Exp: Body-worn/Hotspot| Back Side, Ch. Mid

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

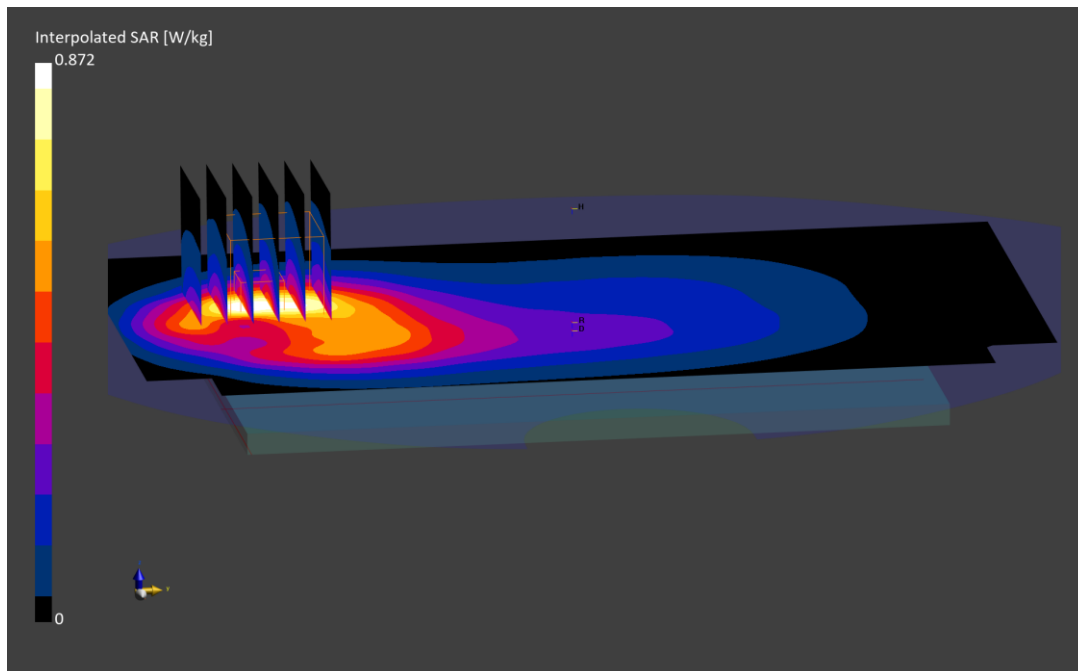
Reference Value = 0.44 W/kg; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 0.872 W/kg

SAR(1 g) = 0.465 W/kg

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

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



ELEMENT

DUT: A3LSMS928JPN; Type: Portable Handset; Serial: 1668M

Communication System: UID:10011 - CAB, WCDMA; MAIA: Y; Frequency: 846.6 MHz

Medium: 835 Head; Medium parameters used:

f = 846.6 MHz; cond = 0.921 S/m; perm = 40.7; density = 1000 kg/m³

Phantom Section: Flat; Space: 10.00 mm

Test Date: 01/11/2024; Ambient Temp: 20.9°C; Tissue Temp: 20.0°C

Probe: EX3DV4 - SN7558; ConvF:(9.92,9.92,9.92); Calibrated: 2023-09-12

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

Electronics: DAE4 Sn1364; Calibrated: 2023-09-06

Phantom: Twin-SAM V8.0; Serial: 1934

Measurement SW: DASY Module SAR V16.2.0.1425

Mode: UMTS 850, Antenna E, Exp: Hotspot| Top Edge, Ch. High

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

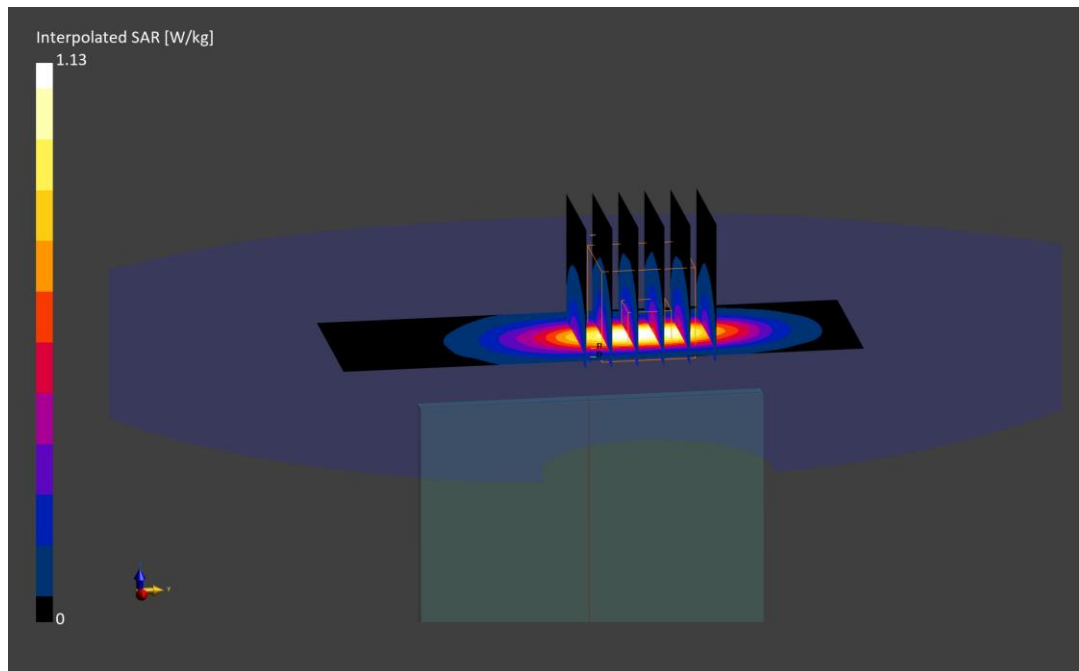
Reference Value = 0.50 W/kg; Power Drift = 0.09 dB

Peak SAR (extrapolated) = 1.13 W/kg

SAR(1 g) = 0.535 W/kg

Smallest distance from peaks to all points 3 dB below is 8.4 mm

Ratio of SAR at M2 to SAR at M1 = 78.0 %



ELEMENT

DUT: A3LSMS928JPN; Type: Portable Handset; Serial: 1668M

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

Medium: 750 Head; Medium parameters used:

f = 707.5 MHz; cond = 0.868 S/m; perm = 40.6; density = 1000 kg/m³

Phantom Section: LeftHead; Space: 0.00 mm

Test Date: 01/04/2024; Ambient Temp: 20.1°C; Tissue Temp: 19.9°C

Probe: EX3DV4 - SN7558; ConvF:(10.37,10.37,10.37); Calibrated: 2023-09-12

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

Electronics: DAE4 Sn1364; Calibrated: 2023-09-06

Phantom: Twin-SAM V8.0; Serial: 1934

Measurement SW: DASY Module SAR V16.2.0.1425

**Mode: LTE Band 12, Antenna E, Exp: Head| Left Cheek, Ch. Mid,
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

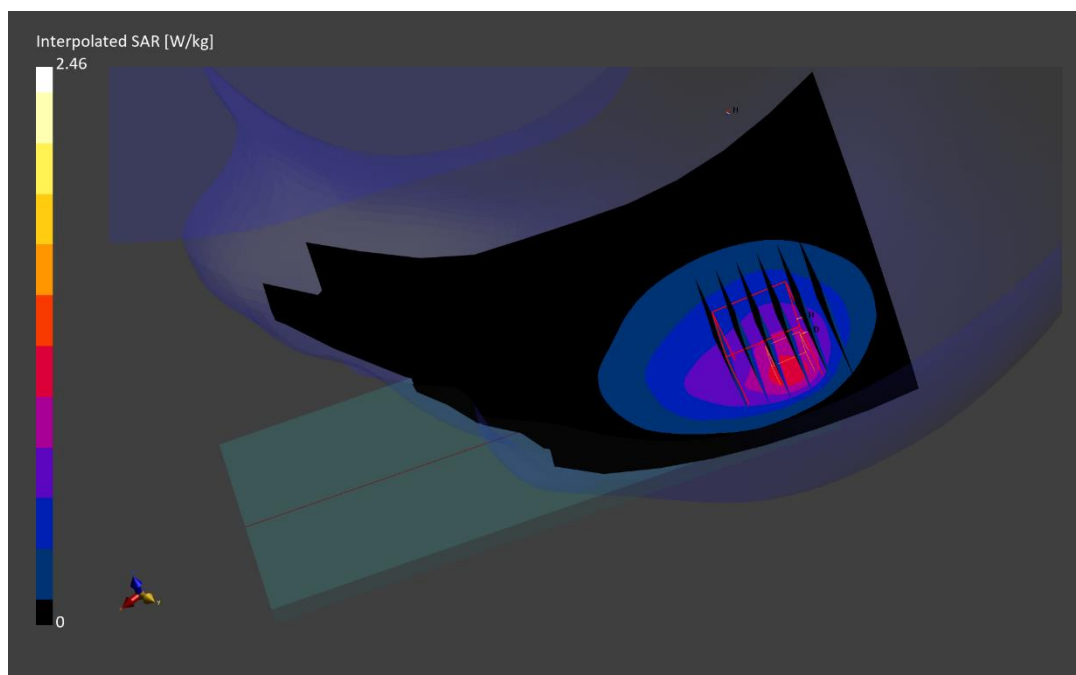
Reference Value = 0.71 W/kg; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 2.46 W/kg

SAR(1 g) = 0.917 W/kg

Smallest distance from peaks to all points 3 dB below is 7.1 mm

Ratio of SAR at M2 to SAR at M1 = 66.2 %



ELEMENT

DUT: A3LSMS928JPN; Type: Portable Handset; Serial: 1668M

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

Medium: 750 Head; Medium parameters used:

$f = 707.5$ MHz; $\text{cond} = 0.868$ S/m; $\text{perm} = 40.6$; $\text{density} = 1000$ kg/m³

Phantom Section: Flat; Space: 10.00 mm

Test Date: 01/04/2024; Ambient Temp: 20.1°C; Tissue Temp: 19.9°C

Probe: EX3DV4 - SN7558; ConvF:(10.37,10.37,10.37); Calibrated: 2023-09-12

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

Electronics: DAE4 Sn1364; Calibrated: 2023-09-06

Phantom: Twin-SAM V8.0; Serial: 1934

Measurement SW: DASY Module SAR V16.2.0.1425

**Mode: LTE Band 12, Antenna A, Exp: Body-worn/Hotspot| Back Side, Ch. Mid,
10 MHz Bandwidth, QPSK, 1 RB, 49 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

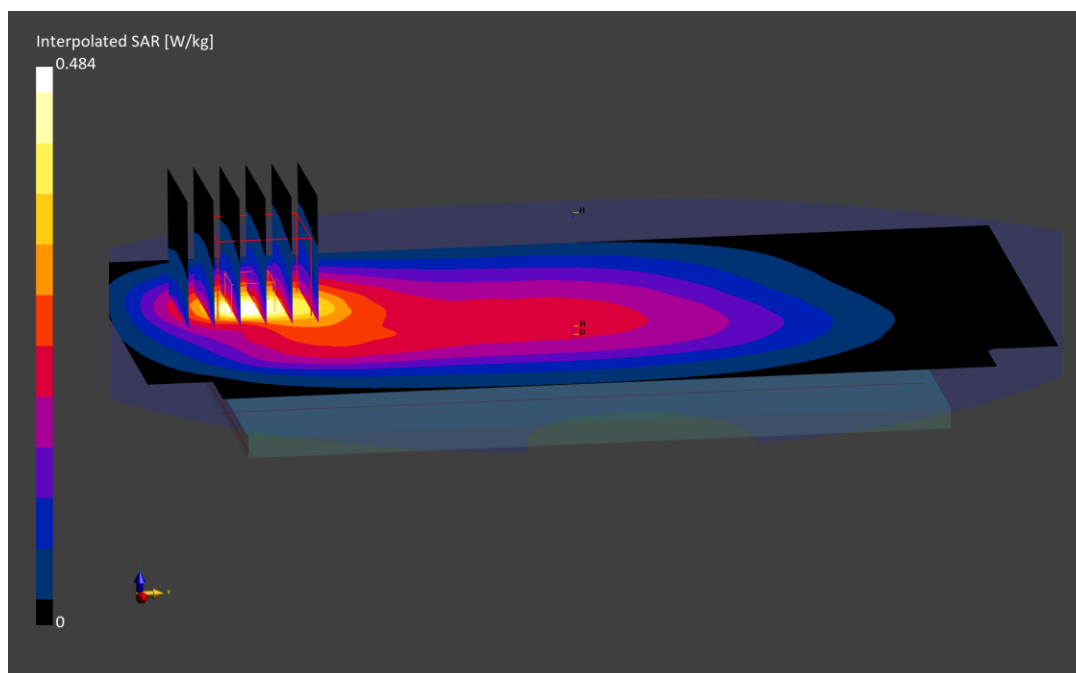
Reference Value = 0.23 W/kg; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 0.484 W/kg

SAR(1 g) = 0.251 W/kg

Smallest distance from peaks to all points 3 dB below is 14.6 mm

Ratio of SAR at M2 to SAR at M1 = 81.8 %



ELEMENT

DUT: A3LSMS928JPN; Type: Portable Handset; Serial: 1651M

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

Medium: 750 Head; Medium parameters used:

f = 707.5 MHz; cond = 0.857 S/m; perm = 42.3; density = 1000 kg/m³

Phantom Section: Flat; Space: 10.00 mm

Test Date: 01/04/2024; Ambient Temp: 20.0°C; Tissue Temp: 20.2°C

Probe: EX3DV4 - SN7491; ConvF:(9.91,9.91,9.91); Calibrated: 2023-06-08

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

Electronics: DAE4 Sn1532; Calibrated: 2023-06-15

Phantom: Twin-SAM V5.0 (30deg probe tilt); Serial: 1797

Measurement SW: DASY Module SAR V16.2.0.1425

**Mode: LTE Band 12, Antenna E, Exp: Hotspot| Right Edge, Ch. Mid,
10 MHz Bandwidth, QPSK, 1 RB, 49 RB Offset**

Area Scan (40.0 x 210.0): 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

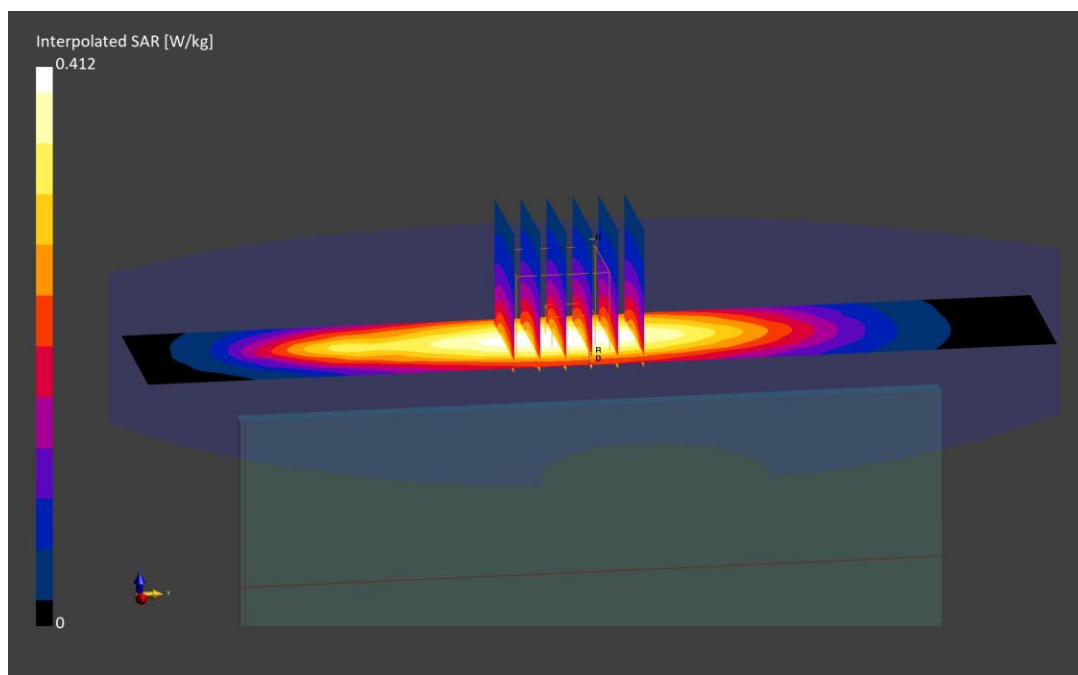
Reference Value = 0.25 W/kg; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.412 W/kg

SAR(1 g) = 0.278 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 = 88.1 %



ELEMENT

DUT: A3LSMS928JPN; Type: Portable Handset; Serial: 1668M

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

Medium: 750 Head; Medium parameters used:

f = 782.0 MHz; cond = 0.895 S/m; perm = 40.4; density = 1000 kg/m³

Phantom Section: LeftHead; Space: 0.00 mm

Test Date: 01/04/2024; Ambient Temp: 20.1°C; Tissue Temp: 19.9°C

Probe: EX3DV4 - SN7558; ConvF:(10.37,10.37,10.37); Calibrated: 2023-09-12

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

Electronics: DAE4 Sn1364; Calibrated: 2023-09-06

Phantom: Twin-SAM V8.0; Serial: 1934

Measurement SW: DASY Module SAR V16.2.0.1425

**Mode: LTE Band 13, Antenna E, Exp: Head| Left Cheek, Ch. Mid,
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

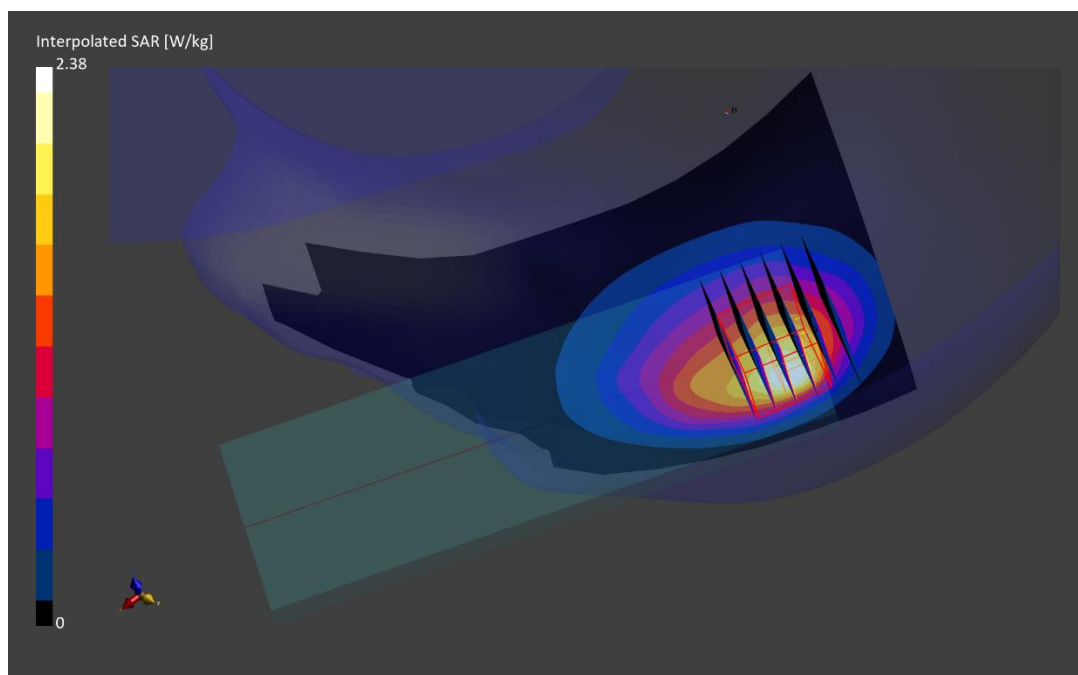
Reference Value = 0.77 W/kg; Power Drift = 0.00 dB

Peak SAR (extrapolated) = 2.38 W/kg

SAR(1 g) = 0.980 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 = 71.5 %



ELEMENT

DUT: A3LSMS928JPN; Type: Portable Handset; Serial: 1668M

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

Medium: 750 Head; Medium parameters used:

f = 782.0 MHz; cond = 0.895 S/m; perm = 40.4; density = 1000 kg/m³

Phantom Section: Flat; Space: 10.00 mm

Test Date: 01/04/2024; Ambient Temp: 20.1°C; Tissue Temp: 19.9°C

Probe: EX3DV4 - SN7558; ConvF:(10.37,10.37,10.37); Calibrated: 2023-09-12

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

Electronics: DAE4 Sn1364; Calibrated: 2023-09-06

Phantom: Twin-SAM V8.0; Serial: 1934

Measurement SW: DASY Module SAR V16.2.0.1425

**Mode: LTE Band 13, Antenna A, Exp: Body-worn/Hotspot| Back Side, Ch. Mid,
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

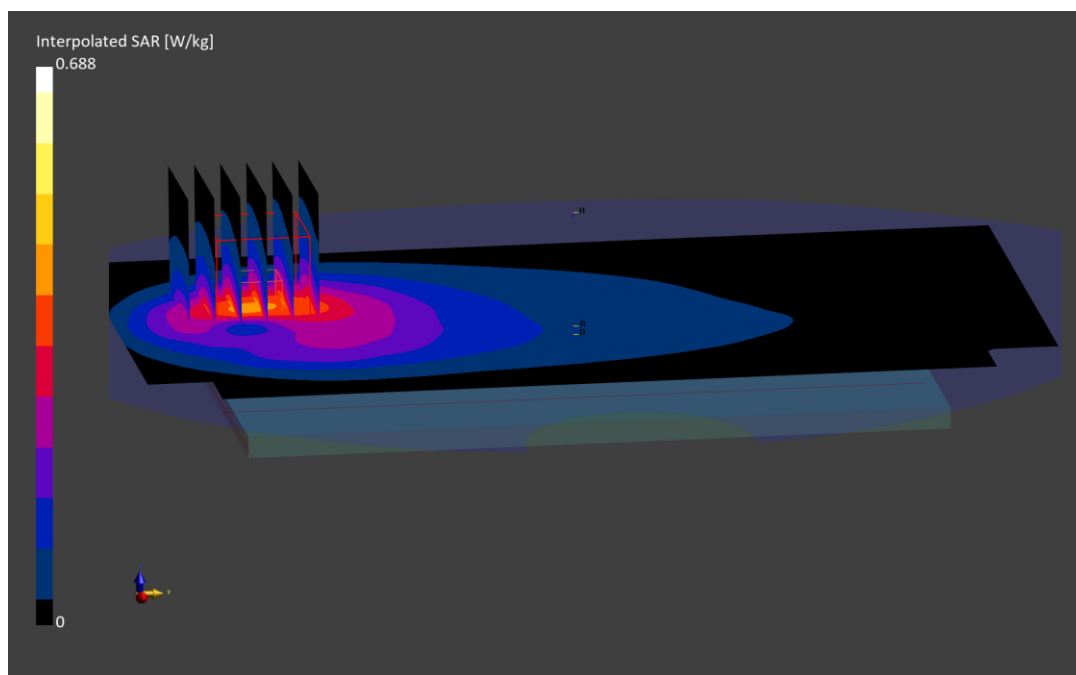
Reference Value = 0.34 W/kg; Power Drift = 0.12 dB

Peak SAR (extrapolated) = 0.688 W/kg

SAR(1 g) = 0.378 W/kg

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

Ratio of SAR at M2 to SAR at M1 = 83.4 %



ELEMENT

DUT: A3LSMS928JPN; Type: Portable Handset; Serial: 1651M

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

Medium: 750 Head; Medium parameters used:

f = 782.0 MHz; cond = 0.885 S/m; perm = 42.0; density = 1000 kg/m³

Phantom Section: Flat; Space: 10.00 mm

Test Date: 01/04/2024; Ambient Temp: 20.0°C; Tissue Temp: 20.2°C

Probe: EX3DV4 - SN7491; ConvF:(9.91,9.91,9.91); Calibrated: 2023-06-08

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

Electronics: DAE4 Sn1532; Calibrated: 2023-06-15

Phantom: Twin-SAM V5.0 (30deg probe tilt); Serial: 1797

Measurement SW: DASY Module SAR V16.2.0.1425

**Mode: LTE Band 13, Antenna E, Exp: Hotspot| Top Edge, Ch. Mid,
10 MHz Bandwidth, QPSK, 1 RB, 25 RB Offset**

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

Zoom Scan (30.0 x 30.0 x 30.0): Measurement grid: dx=5.9 mm, dy=5.9 mm, dz=1.5 mm; Graded Ratio: 1.5

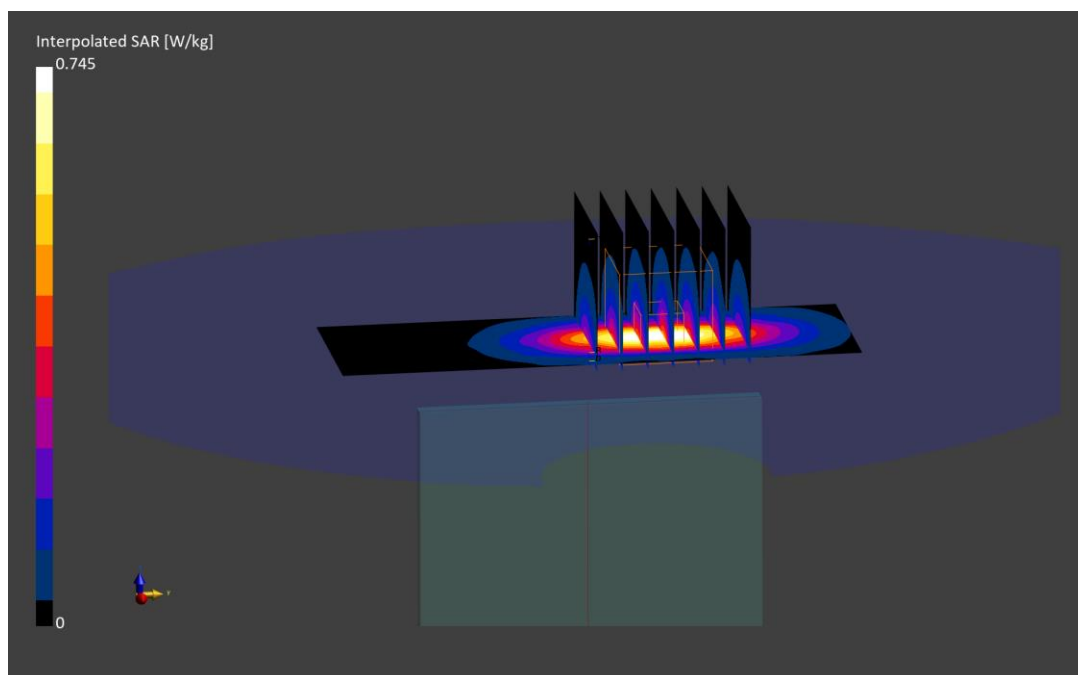
Reference Value = 0.31 W/kg; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 0.745 W/kg

SAR(1 g) = 0.382 W/kg

Smallest distance from peaks to all points 3 dB below is 8.3 mm

Ratio of SAR at M2 to SAR at M1 = 83.8 %



ELEMENT

DUT: A3LSMS928JPN; Type: Portable Handset; Serial: 1651M

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

Medium: 835 Head; Medium parameters used:

f = 836.5 MHz; cond = 0.904 S/m; perm = 41.9; density = 1000 kg/m³

Phantom Section: LeftHead; Space: 0.00 mm

Test Date: 01/04/2024; Ambient Temp: 20.0°C; Tissue Temp: 20.2°C

Probe: EX3DV4 - SN7491; ConvF:(9.72,9.72,9.72); Calibrated: 2023-06-08

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

Electronics: DAE4 Sn1532; Calibrated: 2023-06-15

Phantom: Twin-SAM V5.0 (30deg probe tilt); Serial: 1797

Measurement SW: DASY Module SAR V16.2.0.1425

**Mode: LTE Band 5, Antenna E, Exp: Head| Left Cheek, Ch. Mid,
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

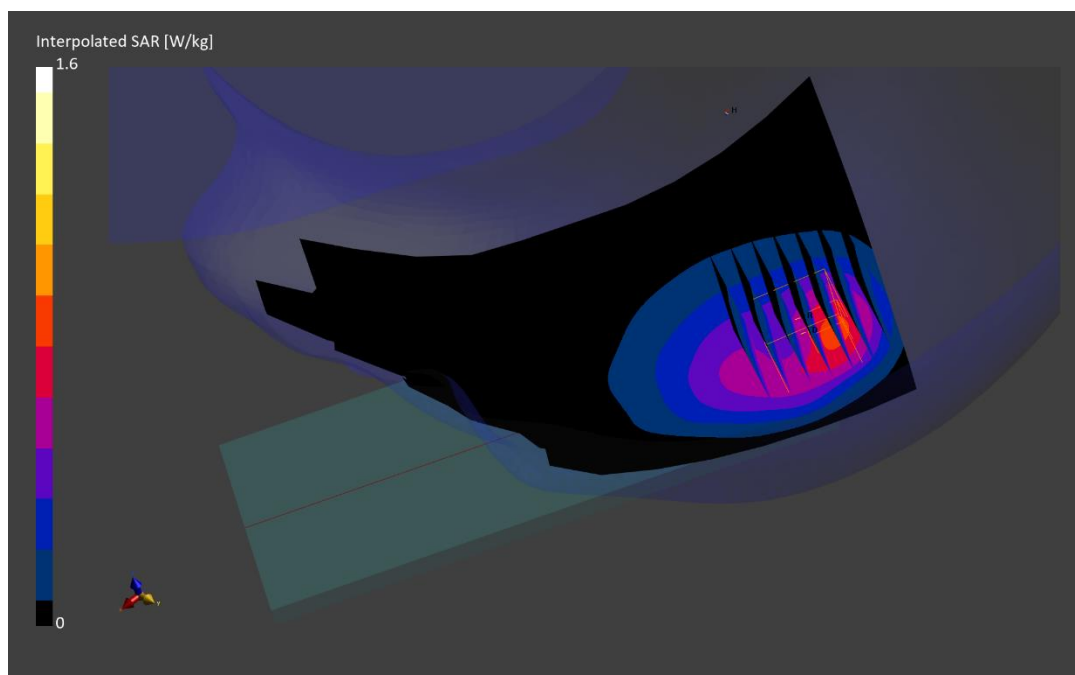
Reference Value = 0.55 W/kg; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 1.60 W/kg

SAR(1 g) = 0.704 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 = 72.6 %



ELEMENT

DUT: A3LSMS928JPN; Type: Portable Handset; Serial: 1727M

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

Medium: 835 Head; Medium parameters used:

$f = 836.5$ MHz; $\text{cond} = 0.904$ S/m; $\text{perm} = 41.6$; $\text{density} = 1000$ kg/m³

Phantom Section: Flat; Space: 10.00 mm

Test Date: 01/09/2024; Ambient Temp: 19.7°C; Tissue Temp: 19.0°C

Probe: EX3DV4 - SN7640; ConvF:(10.56,10.56,10.56); Calibrated: 2023-02-10

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

Electronics: DAE4 Sn1645; Calibrated: 2023-02-16

Phantom: Twin-SAM V5.0; Serial: 1868

Measurement SW: DASY Module SAR V16.2.0.1425

**Mode: LTE Band 5, Antenna A, Exp: Body-worn/Hotspot| Back Side, Ch. Mid,
10 MHz Bandwidth, QPSK, 1 RB, 49 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

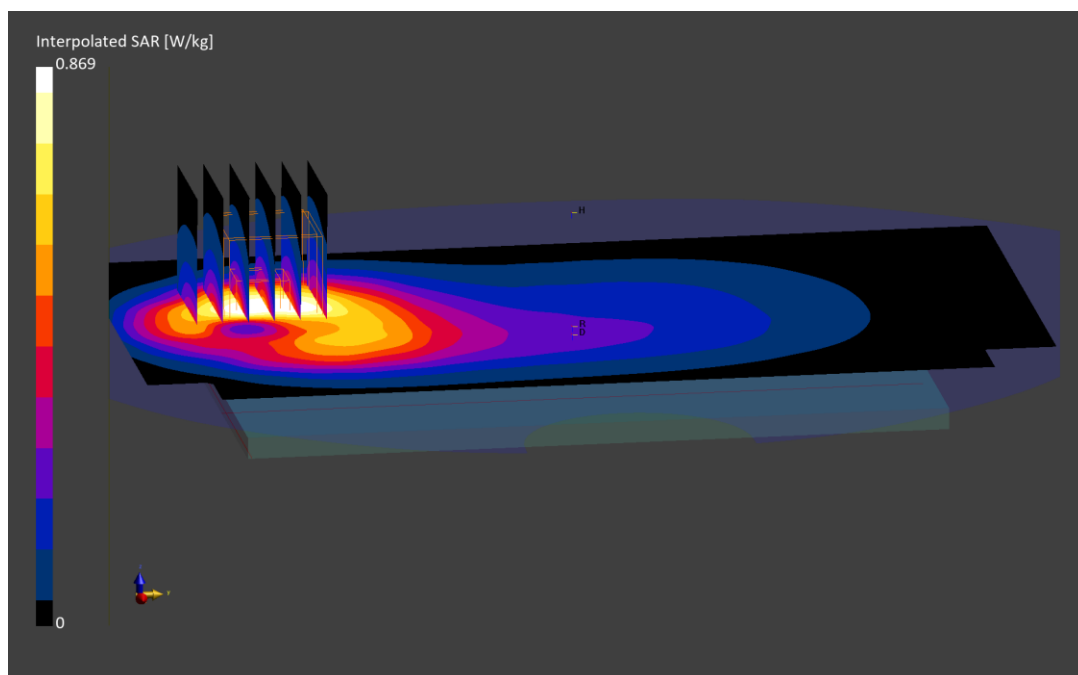
Reference Value = 0.38 W/kg; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.869 W/kg

SAR(1 g) = 0.475 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 = 81.4 %



ELEMENT

DUT: A3LSMS928JPN; Type: Portable Handset; Serial: 1727M

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

Medium: 835 Head; Medium parameters used:

f = 836.5 MHz; cond = 0.909 S/m; perm = 41.3; density = 1000 kg/m³

Phantom Section: Flat; Space: 10.00 mm

Test Date: 01/04/2024; Ambient Temp: 20.6°C; Tissue Temp: 19.9°C

Probe: EX3DV4 - SN7640; ConvF:(10.56,10.56,10.56); Calibrated: 2023-02-10

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

Electronics: DAE4 Sn1645; Calibrated: 2023-02-16

Phantom: Twin-SAM V5.0 (30deg probe tilt); Serial: 1868

Measurement SW: DASY Module SAR V16.2.0.1425

**Mode: LTE Band 5, Antenna E, Exp: Hotspot| Top Edge, Ch. Mid,
10 MHz Bandwidth, QPSK, 1 RB, 49 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

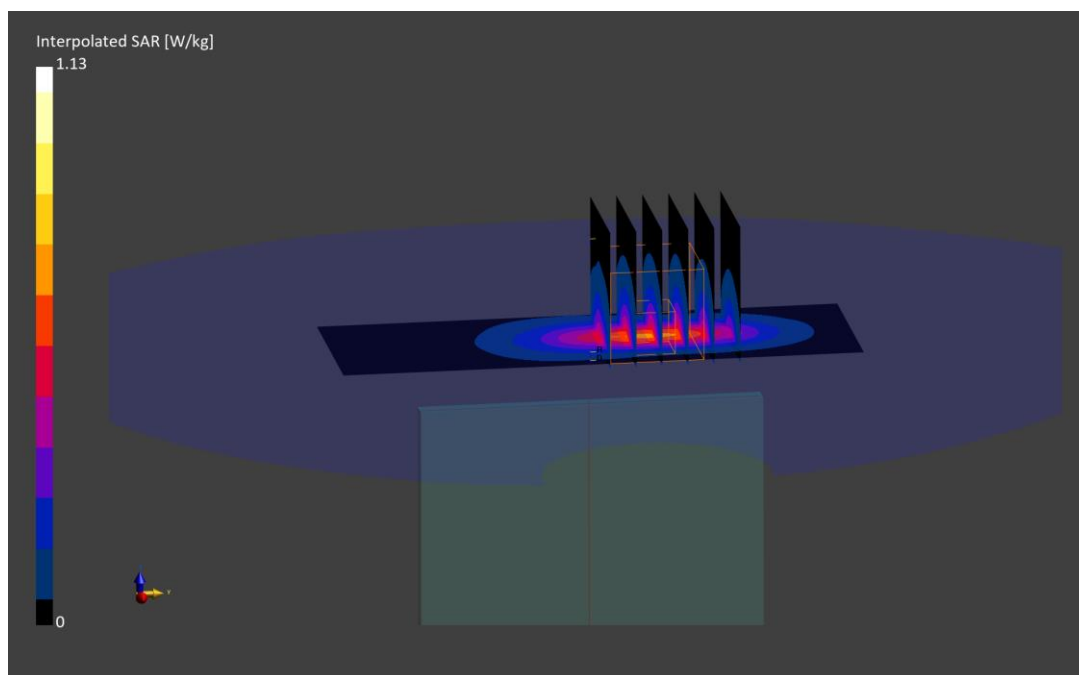
Reference Value = 0.41 W/kg; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 1.13 W/kg

SAR(1 g) = 0.534 W/kg

Smallest distance from peaks to all points 3 dB below is 8.4 mm

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



ELEMENT

DUT: A3LSMS928JPN; Type: Portable Handset; Serial: 1725M

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

Medium: 1750 Head; Medium parameters used:

f = 1770.0 MHz; cond = 1.33 S/m; perm = 39.6; density = 1000 kg/m³

Phantom Section: RightHead; Space: 0.00 mm

Test Date: 01/10/2024; Ambient Temp: 20.2°C; Tissue Temp: 22.1°C

Probe: EX3DV4 - SN7659; ConvF:(9.19,9.19,9.19); Calibrated: 2023-04-14

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

Electronics: DAE4 Sn1407; Calibrated: 2023-04-14

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

Measurement SW: DASY Module SAR V16.2.0.1425

**Mode: LTE Band 66, Antenna A, Exp: Head| Right Cheek, Ch. High,
20 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

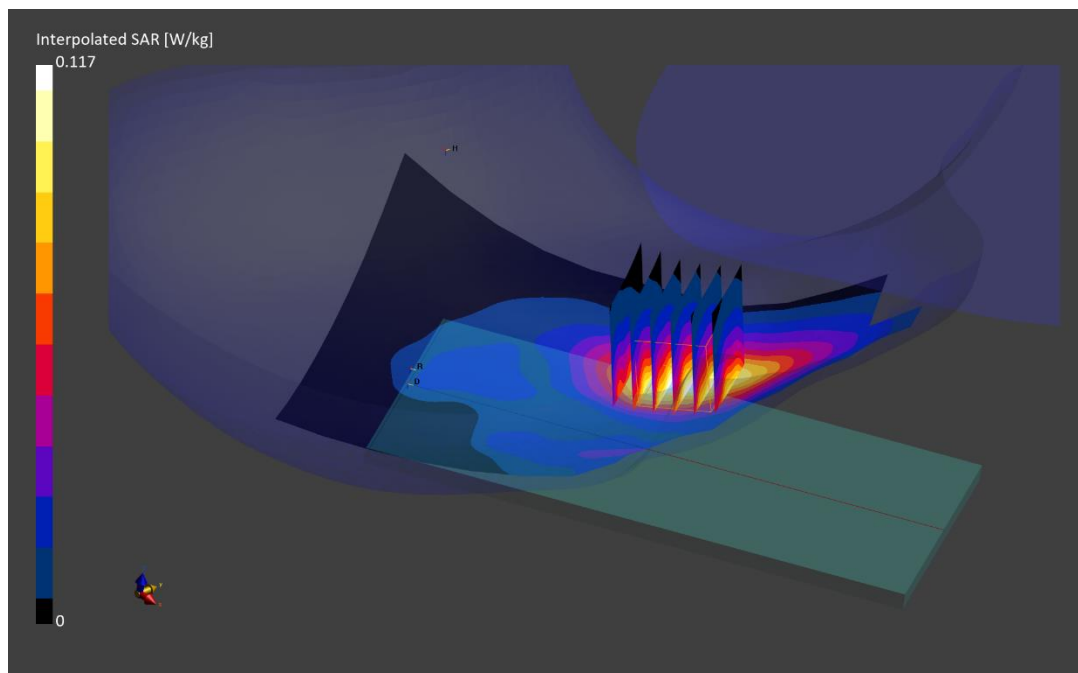
Reference Value = 0.09 W/kg; Power Drift = 0.12 dB

Peak SAR (extrapolated) = 0.117 W/kg

SAR(1 g) = 0.086 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 = 92.2 %



ELEMENT

DUT: A3LSMS928JPN; Type: Portable Handset; Serial: 1725M

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

Medium: 1750 Head; Medium parameters used:

f = 1720.0 MHz; cond = 1.30 S/m; perm = 39.7; density = 1000 kg/m³

Phantom Section: Flat; Space: 10.00 mm

Test Date: 01/10/2024; Ambient Temp: 20.2°C; Tissue Temp: 22.1°C

Probe: EX3DV4 - SN7659; ConvF:(9.19,9.19,9.19); Calibrated: 2023-04-14

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

Electronics: DAE4 Sn1407; Calibrated: 2023-04-14

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

Measurement SW: DASY Module SAR V16.2.0.1425

**Mode: LTE Band 66, Antenna A, Exp: Body-worn/Hotspot | Back Side, Ch. Low,
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

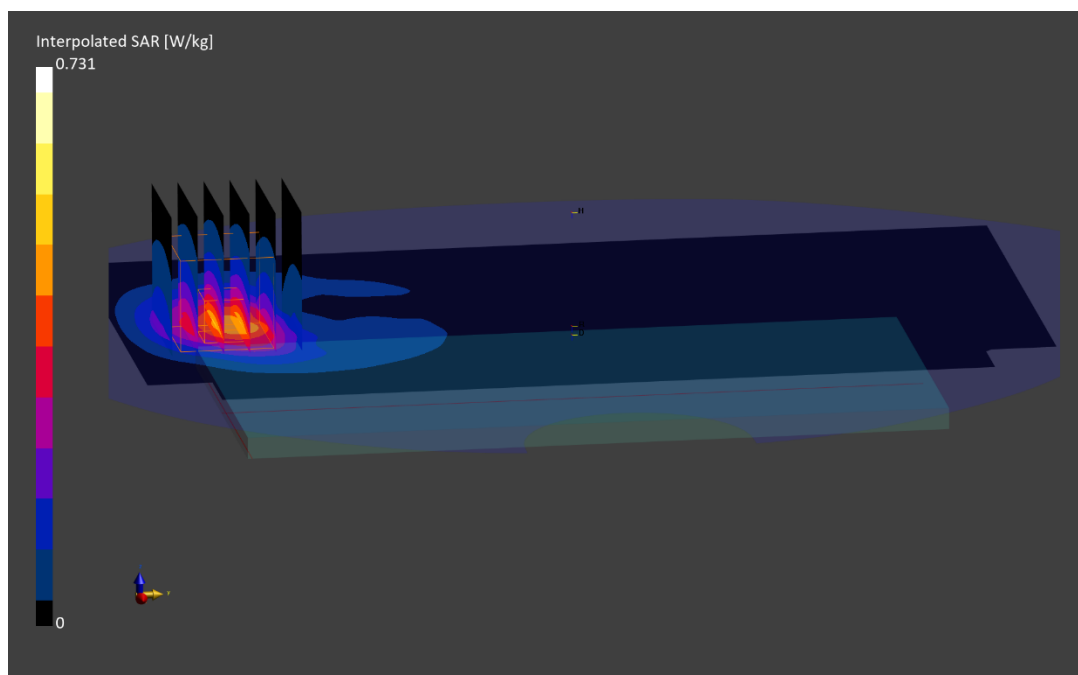
Reference Value = 0.45 W/kg; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 0.731 W/kg

SAR(1 g) = 0.436 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 = 85.5 %



ELEMENT

DUT: A3LSMS928JPN; Type: Portable Handset; Serial: 1725M

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

Medium: 1750 Head; Medium parameters used:

f = 1720.0 MHz; cond = 1.30 S/m; perm = 39.7; density = 1000 kg/m³

Phantom Section: Flat; Space: 10.00 mm

Test Date: 01/10/2024; Ambient Temp: 20.2°C; Tissue Temp: 22.1°C

Probe: EX3DV4 - SN7659; ConvF:(9.19,9.19,9.19); Calibrated: 2023-04-14

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

Electronics: DAE4 Sn1407; Calibrated: 2023-04-14

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

Measurement SW: DASY Module SAR V16.2.0.1425

**Mode: LTE Band 66, Antenna A, Exp: Hotspot| Bottom Edge, Ch. Low,
20 MHz Bandwidth, QPSK, 50 RB, 25 RB Offset**

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

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

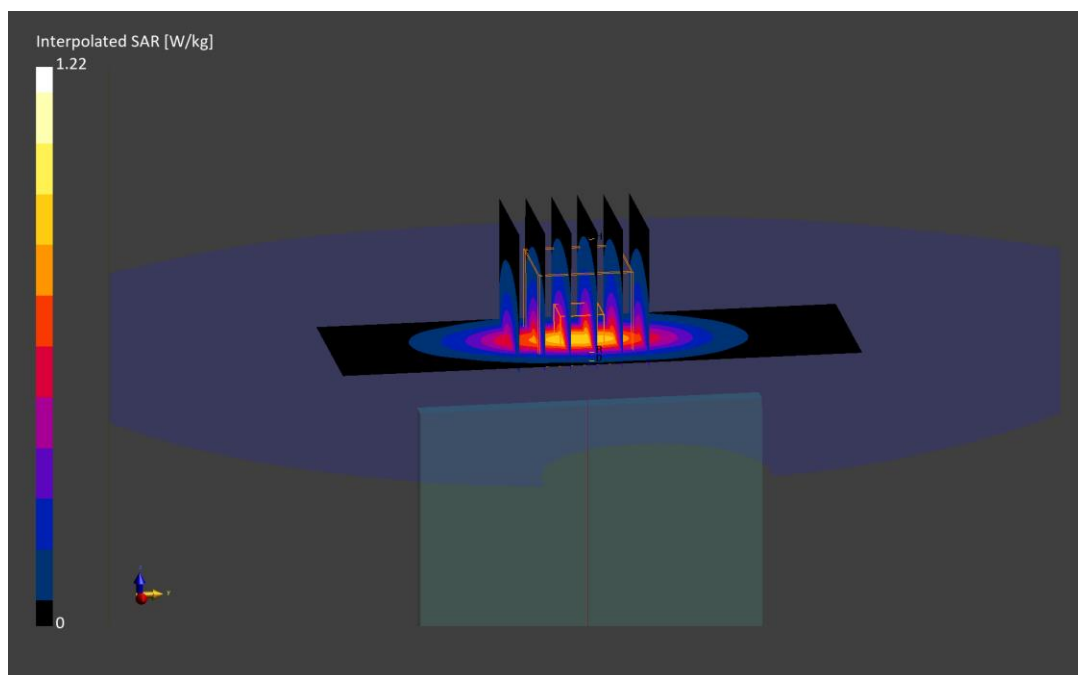
Reference Value = 0.75 W/kg; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 1.22 W/kg

SAR(1 g) = 0.720 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 = 85.3 %



ELEMENT

DUT: A3LSMS928JPN; Type: Portable Handset; Serial: 1651M

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

Medium: 1900 Head; Medium parameters used:

f = 1900.0 MHz; cond = 1.45 S/m; perm = 40.3; density = 1000 kg/m³

Phantom Section: LeftHead; Space: 0.00 mm

Test Date: 01/02/2024; Ambient Temp: 21.1°C; Tissue Temp: 20.0°C

Probe: EX3DV4 - SN7491; ConvF:(8.27,8.27,8.27); Calibrated: 2023-06-08

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

Electronics: DAE4 Sn1532; Calibrated: 2023-06-15

Phantom: Twin-SAM V5.0 (30deg probe tilt); Serial: 1797

Measurement SW: DASY Module SAR V16.2.0.1425

**Mode: LTE Band 2, Antenna A, Exp: Head| Left Cheek, Ch. High,
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

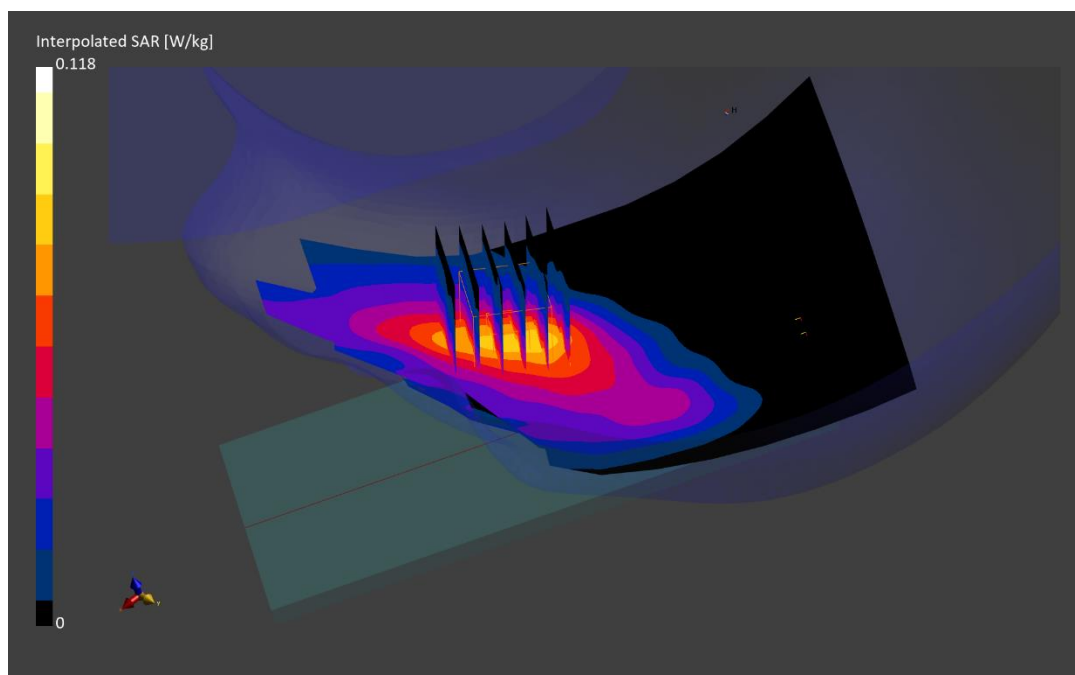
Reference Value = 0.07 W/kg; Power Drift = -0.18 dB

Peak SAR (extrapolated) = 0.118 W/kg

SAR(1 g) = 0.074 W/kg

Smallest distance from peaks to all points 3 dB below is 12.5 mm

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



ELEMENT

DUT: A3LSMS928JPN; Type: Portable Handset; Serial: 1651M

Communication System: UID:10297 - AAE, LTE-FDD; MAIA: Y; Frequency: 1900.0 MHz

Medium: 1900 Head; Medium parameters used:

f = 1900.0 MHz; cond = 1.45 S/m; perm = 40.3; density = 1000 kg/m³

Phantom Section: Flat; Space: 10.00 mm

Test Date: 01/02/2024; Ambient Temp: 21.1°C; Tissue Temp: 20.0°C

Probe: EX3DV4 - SN7491; ConvF:(8.27,8.27,8.27); Calibrated: 2023-06-08

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

Electronics: DAE4 Sn1532; Calibrated: 2023-06-15

Phantom: Twin-SAM V5.0 (30deg probe tilt); Serial: 1797

Measurement SW: DASY Module SAR V16.2.0.1425

**Mode: LTE Band 2, Antenna A, Exp: Body-worn/Hotspot| Back Side, Ch. High,
20 MHz Bandwidth, QPSK, 50 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

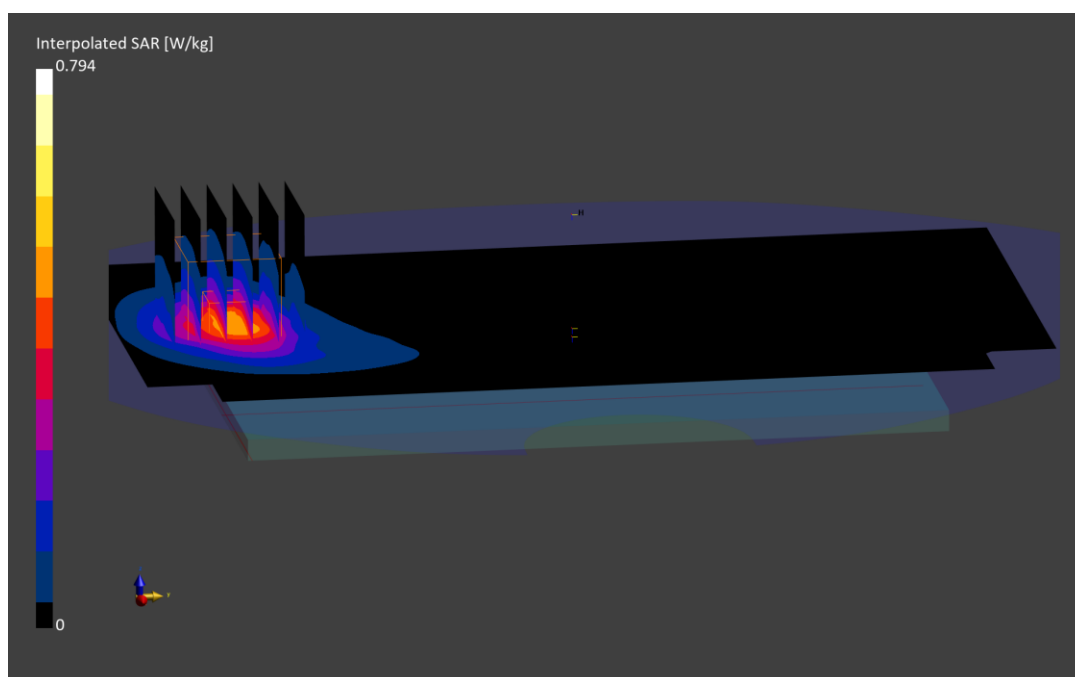
Reference Value = 0.40 W/kg; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 0.794 W/kg

SAR(1 g) = 0.449 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 = 81.9 %



ELEMENT

DUT: A3LSMS928JPN; Type: Portable Handset; Serial: 1651M

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

Medium: 1900 Head; Medium parameters used:

f = 1900.0 MHz; cond = 1.45 S/m; perm = 40.3; density = 1000 kg/m³

Phantom Section: Flat; Space: 10.00 mm

Test Date: 01/02/2024; Ambient Temp: 21.1°C; Tissue Temp: 20.0°C

Probe: EX3DV4 - SN7491; ConvF:(8.27,8.27,8.27); Calibrated: 2023-06-08

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

Electronics: DAE4 Sn1532; Calibrated: 2023-06-15

Phantom: Twin-SAM V5.0 (30deg probe tilt); Serial: 1797

Measurement SW: DASY Module SAR V16.2.0.1425

**Mode: LTE Band 2, Antenna A, Exp: Hotspot| Bottom Edge, Ch. High,
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

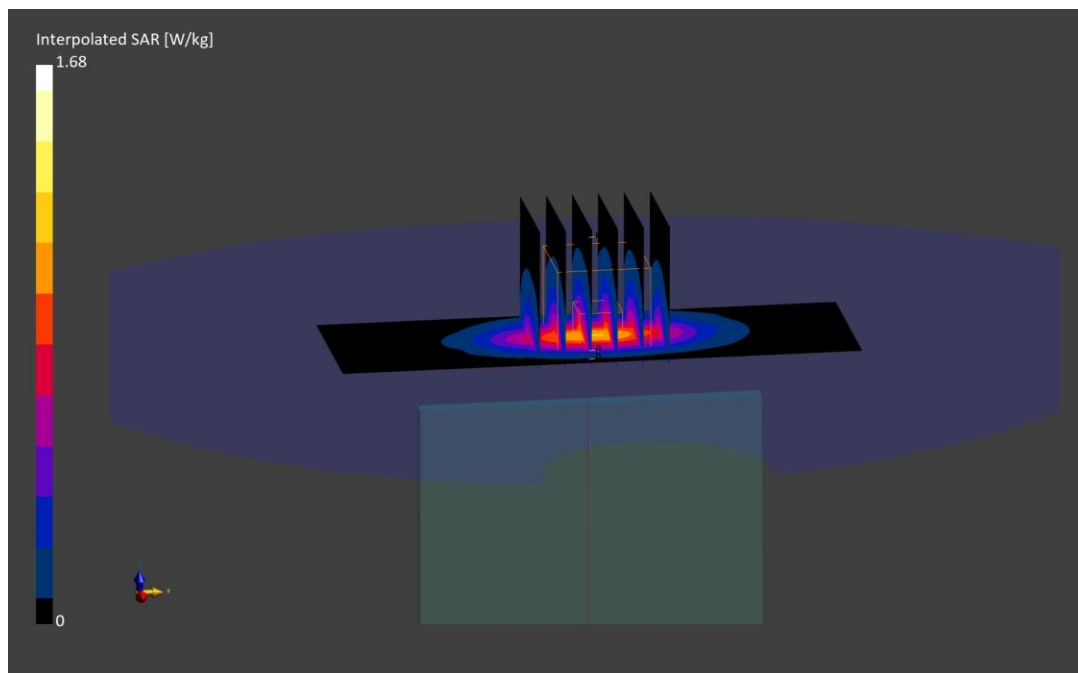
Reference Value = 0.79 W/kg; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 1.68 W/kg

SAR(1 g) = 0.900 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 = 85.3 %



ELEMENT

DUT: A3LSMS928JPN; Type: Portable Handset; Serial: 1651M

Communication System: UID:10297 - AAE, LTE-FDD; MAIA: Y; Frequency: 1900.0 MHz

Medium: 1900 Head; Medium parameters used:

f = 1900.0 MHz; cond = 1.45 S/m; perm = 40.3; density = 1000 kg/m³

Phantom Section: Flat; Space: 0.00 mm

Test Date: 01/02/2024; Ambient Temp: 21.1°C; Tissue Temp: 20.0°C

Probe: EX3DV4 - SN7491; ConvF:(8.27,8.27,8.27); Calibrated: 2023-06-08

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

Electronics: DAE4 Sn1532; Calibrated: 2023-06-15

Phantom: Twin-SAM V5.0 (30deg probe tilt); Serial: 1797

Measurement SW: DASY Module SAR V16.2.0.1425

**Mode: LTE Band 2, Antenna A, Exp: Phablet| Bottom Edge, Ch. High,
20 MHz Bandwidth, QPSK, 50 RB, 25 RB Offset**

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

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

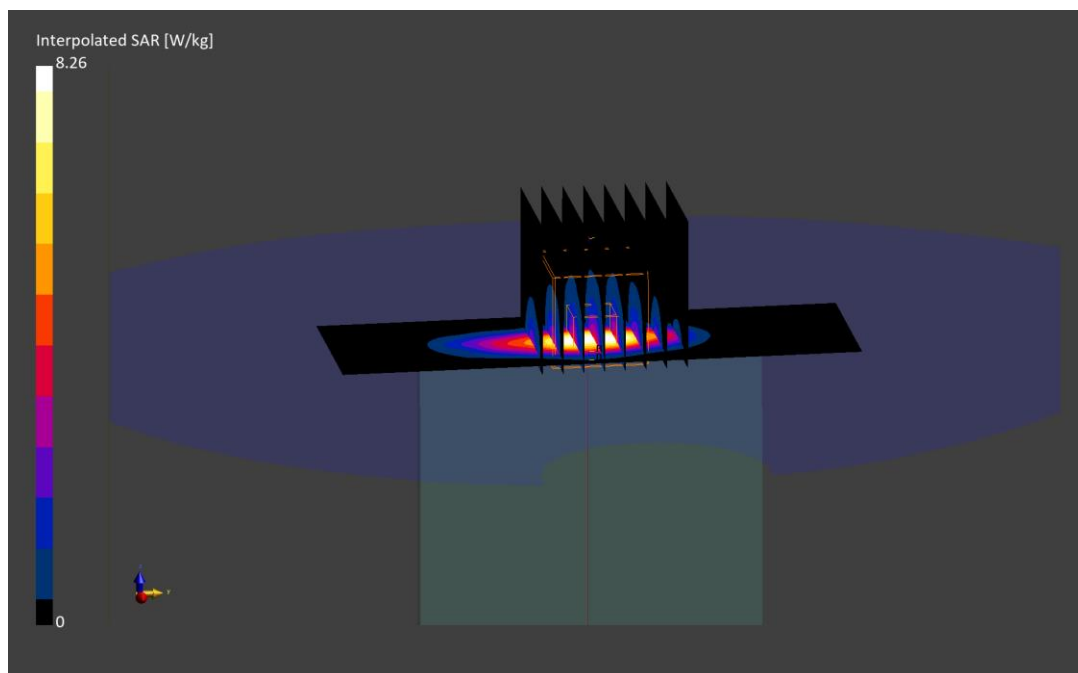
Reference Value = 2.99 W/kg; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 8.26 W/kg

SAR(10 g) = 1.56 W/kg

Smallest distance from peaks to all points 3 dB below is 6.8 mm

Ratio of SAR at M2 to SAR at M1 = 74.3 %



ELEMENT

DUT: A3LSMS928JPN; Type: Portable Handset; Serial: 1642M

Communication System: UID:10494 - AAG, LTE-TDD; MAIA: Y; Frequency: 2506.0 MHz

Medium: 2450 Head; Medium parameters used:

f = 2506.0 MHz; cond = 1.85 S/m; perm = 41.1; density = 1000 kg/m³

Phantom Section: RightHead; Space: 0.00 mm

Test Date: 01/22/2024; Ambient Temp: 21.5°C; Tissue Temp: 22.2°C

Probe: EX3DV4 - SN7409; ConvF:(7.44,7.44,7.44); Calibrated: 2023-06-15

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

Electronics: DAE4 Sn1334; Calibrated: 2023-06-15

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

Measurement SW: DASY Module SAR V16.2.0.1425

**Mode: LTE Band 41, Antenna F, Exp: Head| Right Tilt, Ch. Low,
PCC: 20 MHz Bandwidth, QPSK, Ch. 39750, 50 RB, 50 RB Offset
SCC: 20 MHz Bandwidth, QPSK, Ch. 39948, 50 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

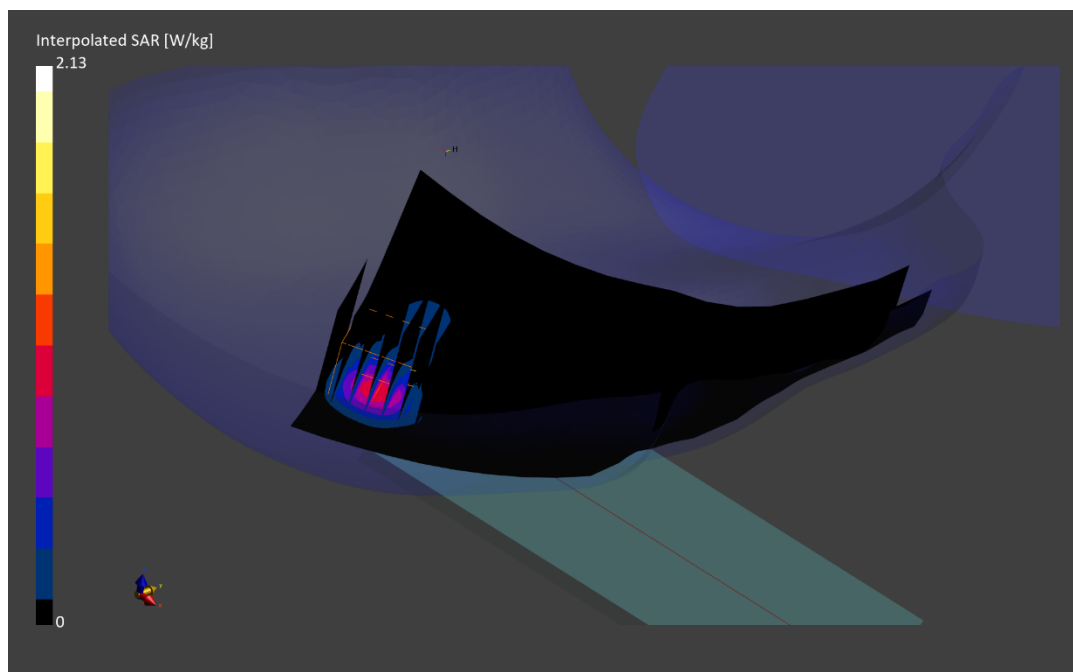
Reference Value = 0.90 W/kg; Power Drift = 0.00 dB

Peak SAR (extrapolated) = 2.13 W/kg

SAR(1 g) = 0.906 W/kg

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

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



ELEMENT

DUT: A3LSMS928JPN; Type: Portable Handset; Serial: 1642M

Communication System: UID:10494 - AAG, LTE-TDD; MAIA: Y; Frequency: 2549.500 MHz

Medium: 2450 Head; Medium parameters used:

f = 2549.500 MHz; cond = 1.93 S/m; perm = 38.3; density = 1000 kg/m³

Phantom Section: Flat; Space: 10.00 mm

Test Date: 01/15/2024; Ambient Temp: 20.1°C; Tissue Temp: 19.8°C

Probe: EX3DV4 - SN7409; ConvF:(7.17,7.17,7.17); Calibrated: 2023-06-15

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

Electronics: DAE4 Sn1334; Calibrated: 2023-06-15

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

Measurement SW: DASY Module SAR V16.2.4.2524

Mode: LTE Band 41, Antenna B, Exp: Body-worn/Hotspot| Back Side, Ch. Low-Mid,

PCC: 20 MHz Bandwidth, QPSK, Ch. 40185, 50 RB, 0 RB Offset

SCC: 20 MHz Bandwidth, QPSK, Ch. 39987, 50 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

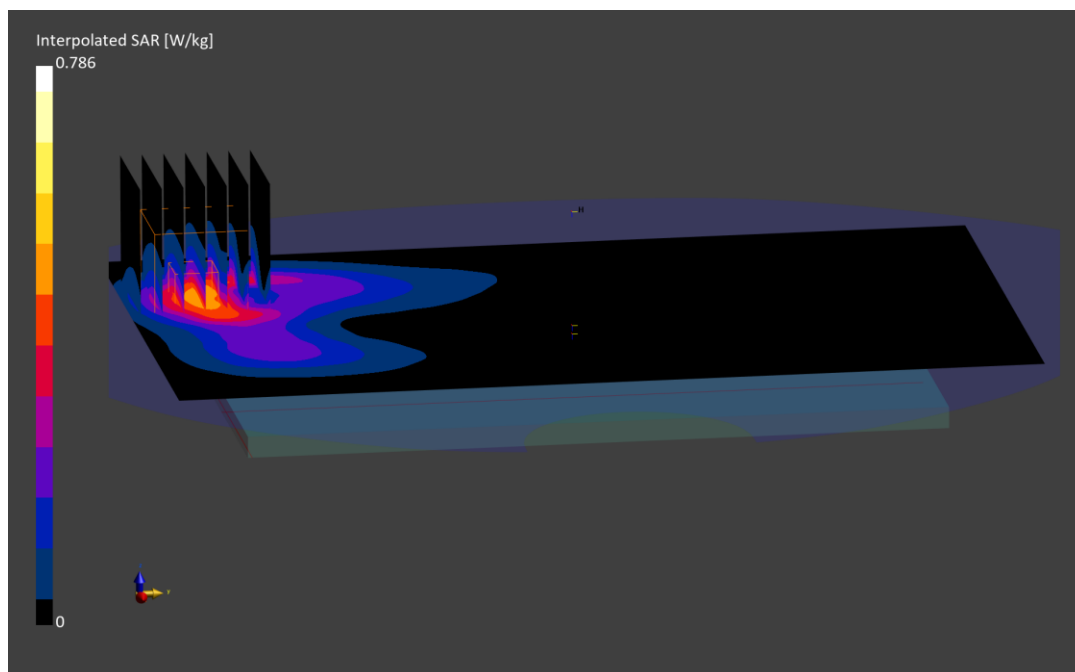
Reference Value = 0.41 W/kg; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 0.786 W/kg

SAR(1 g) = 0.394 W/kg

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

Ratio of SAR at M2 to SAR at M1 = 81.3 %



ELEMENT

DUT: A3LSMS928JPN; Type: Portable Handset; Serial: 1642M

Communication System: UID:10494 - AAG, LTE-TDD; MAIA: Y; Frequency: 2636.500 MHz

Medium: 2450 Head; Medium parameters used:

f = 2636.500 MHz; cond = 2.00 S/m; perm = 38.1; density = 1000 kg/m³

Phantom Section: Flat; Space: 10.00 mm

Test Date: 01/15/2024; Ambient Temp: 20.1°C; Tissue Temp: 19.8°C

Probe: EX3DV4 - SN7409; ConvF:(7.17,7.17,7.17); Calibrated: 2023-06-15

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

Electronics: DAE4 Sn1334; Calibrated: 2023-06-15

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

Measurement SW: DASY Module SAR V16.2.4.2524

**Mode: LTE Band 41, Antenna B, Exp: Hotspot| Bottom Edge, Ch. Mid-High,
PCC: 20 MHz Bandwidth, QPSK, Ch. 41055, 50 RB, 50 RB Offset
SCC: 20 MHz Bandwidth, QPSK, Ch. 41253, 50 RB, 0 RB Offset**

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

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

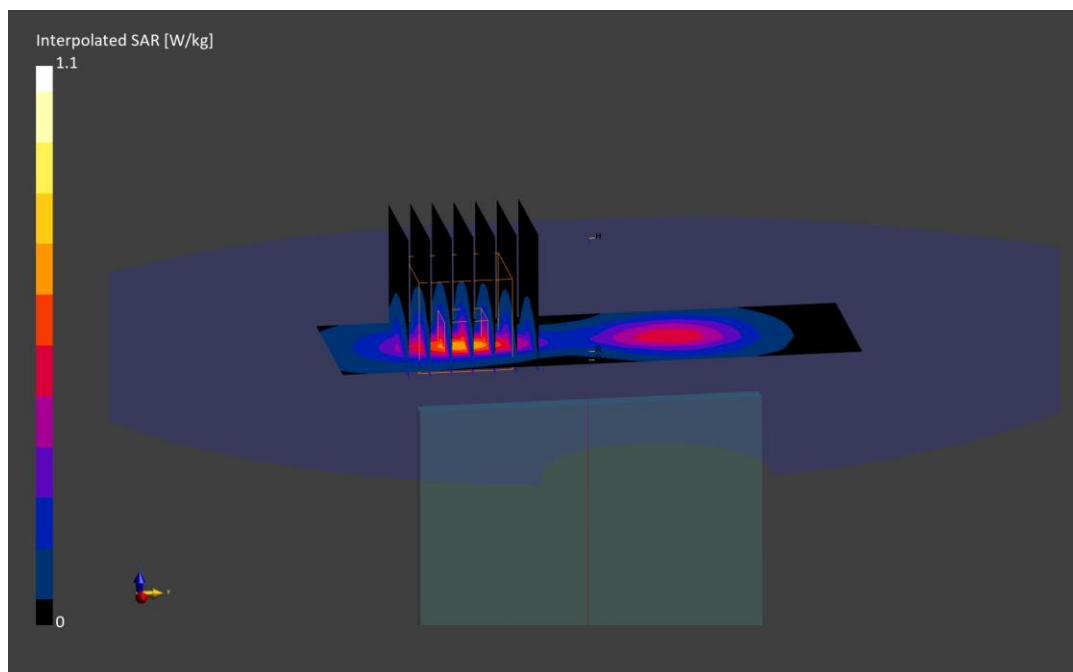
Reference Value = 0.54 W/kg; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 1.10 W/kg

SAR(1 g) = 0.526 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 = 79.8 %



ELEMENT

DUT: A3LSMS928JPN; Type: Portable Handset; Serial: 1725M

Communication System: UID:10770 - AAD, CW; MAIA: Y; Frequency: 836.5 MHz

Medium: 835 Head; Medium parameters used:

f = 836.5 MHz; cond = 0.914 S/m; perm = 42.3; density = 1000 kg/m³

Phantom Section: LeftHead; Space: 0.00 mm

Test Date: 01/03/2024; Ambient Temp: 20.6°C; Tissue Temp: 19.5°C

Probe: EX3DV4 - SN7659; ConvF:(10.54,10.54,10.54); Calibrated: 2023-04-14

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

Electronics: DAE4 Sn1407; Calibrated: 2023-04-14

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

Measurement SW: DASY Module SAR V16.2.0.1425

**Mode: NR Band n5, Antenna E, Exp: Head| Left Cheek, Ch. 167300,
20 MHz Bandwidth, CP-OFDM QPSK, 1 RB, 1 RB Offset**

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

Zoom Scan (36.0 x 36.0 x 30.0): Measurement grid: dx=6.0 mm, dy=6.0 mm, dz=1.5 mm; Graded Ratio: 1.5

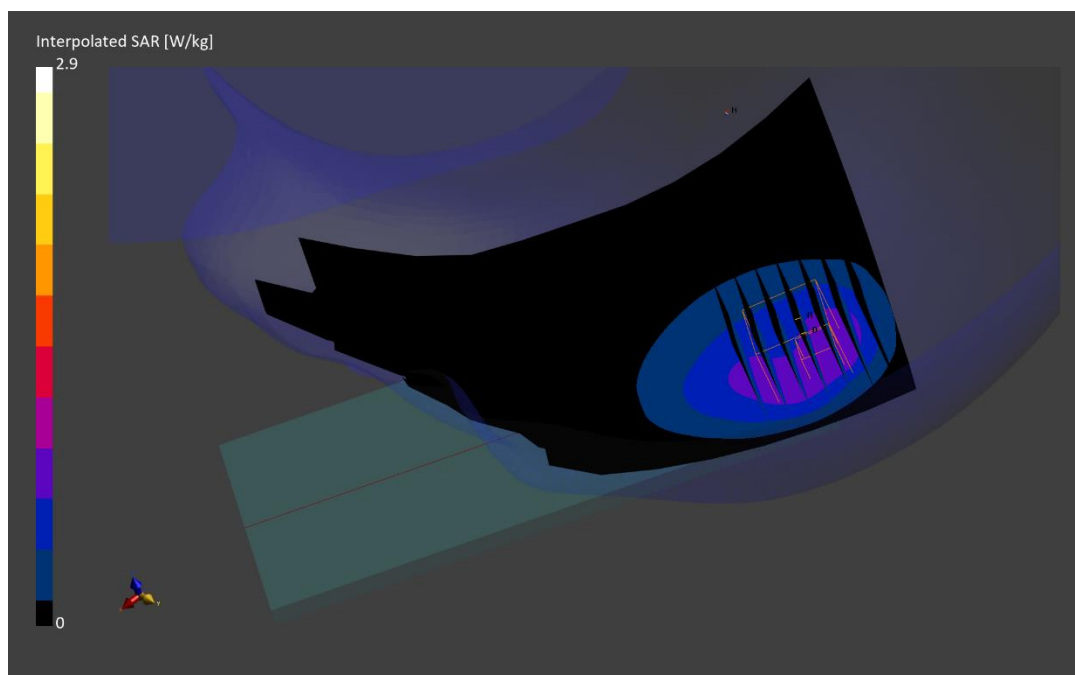
Reference Value = 0.78 W/kg; Power Drift = 0.00 dB

Peak SAR (extrapolated) = 2.90 W/kg

SAR(1 g) = 1.05 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 = 66.7 %



ELEMENT

DUT: A3LSMS928JPN; Type: Portable Handset; Serial: 1725M

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

Medium: 835 Head; Medium parameters used:

$f = 836.5$ MHz; $\text{cond} = 0.883$ S/m; $\text{perm} = 42.7$; $\text{density} = 1000$ kg/m³

Phantom Section: Flat; Space: 10.00 mm

Test Date: 01/08/2024; Ambient Temp: 19.3°C; Tissue Temp: 19.1°C

Probe: EX3DV4 - SN7659; ConvF:(10.54,10.54,10.54); Calibrated: 2023-04-14

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

Electronics: DAE4 Sn1407; Calibrated: 2023-04-14

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

Measurement SW: DASY Module SAR V16.2.0.1425

**Mode: NR Band n5, Antenna A, Exp: Body-worn/Hotspot| Back Side, Ch. 167300,
20 MHz Bandwidth, DFT-s-OFDM QPSK, 50 RB, 28 RB Offset**

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

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

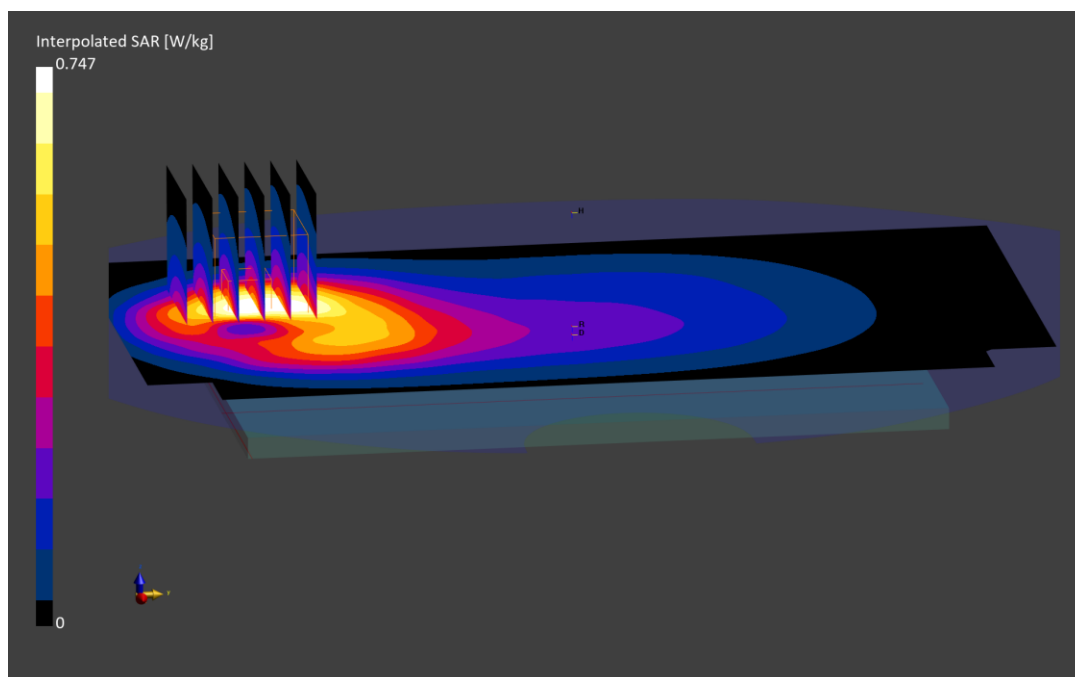
Reference Value = 0.44 W/kg; Power Drift = 0.00 dB

Peak SAR (extrapolated) = 0.747 W/kg

SAR(1 g) = 0.438 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 = 83.9 %



ELEMENT

DUT: A3LSMS928JPN; Type: Portable Handset; Serial: 1725M

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

Medium: 835 Head; Medium parameters used:

$f = 836.5$ MHz; $\text{cond} = 0.914$ S/m; $\text{perm} = 42.3$; $\text{density} = 1000$ kg/m³

Phantom Section: Flat; Space: 10.00 mm

Test Date: 01/03/2024; Ambient Temp: 20.6°C; Tissue Temp: 19.5°C

Probe: EX3DV4 - SN7659; ConvF:(10.54,10.54,10.54); Calibrated: 2023-04-14

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

Electronics: DAE4 Sn1407; Calibrated: 2023-04-14

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

Measurement SW: DASY Module SAR V16.2.0.1425

**Mode: NR Band n5, Antenna E, Exp: Hotspot| Top Edge, Ch. 167300,
20 MHz Bandwidth, DFT-s-OFDM QPSK, 50 RB, 28 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

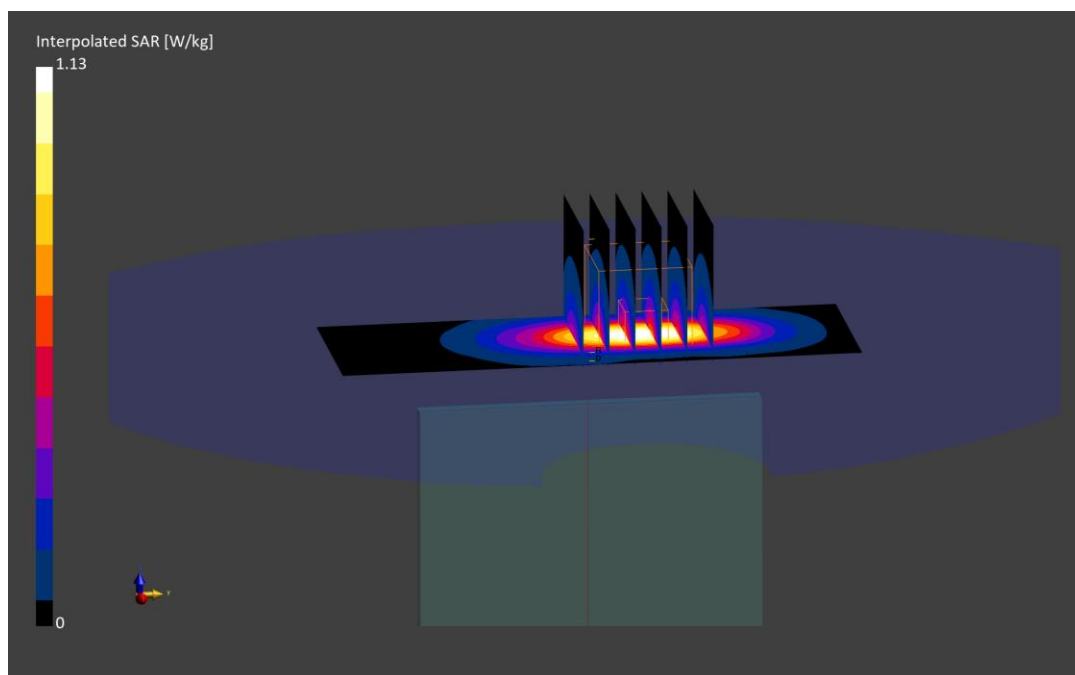
Reference Value = 0.59 W/kg; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 1.13 W/kg

SAR(1 g) = 0.580 W/kg

Smallest distance from peaks to all points 3 dB below is 8.4 mm

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



ELEMENT

DUT: A3LSMS928JPN; Type: Portable Handset; Serial: 1651M

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

Medium: 1750 Head; Medium parameters used:

f = 1745.0 MHz; cond = 1.34 S/m; perm = 39.7; density = 1000 kg/m³

Phantom Section: RightHead; Space: 0.00 mm

Test Date: 01/15/2024; Ambient Temp: 19.0°C; Tissue Temp: 19.2°C

Probe: EX3DV4 - SN7491; ConvF:(8.69,8.69,8.69); Calibrated: 2023-06-08

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

Electronics: DAE4 Sn1532; Calibrated: 2023-06-15

Phantom: Twin-SAM V5.0 (30deg probe tilt); Serial: 1797

Measurement SW: DASY Module SAR V16.2.0.1425

**Mode: NR Band n66, Antenna F, Exp: Head| Right Cheek, Ch. 349000,
40 MHz Bandwidth, CP-OFDM QPSK, 1 RB, 1 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

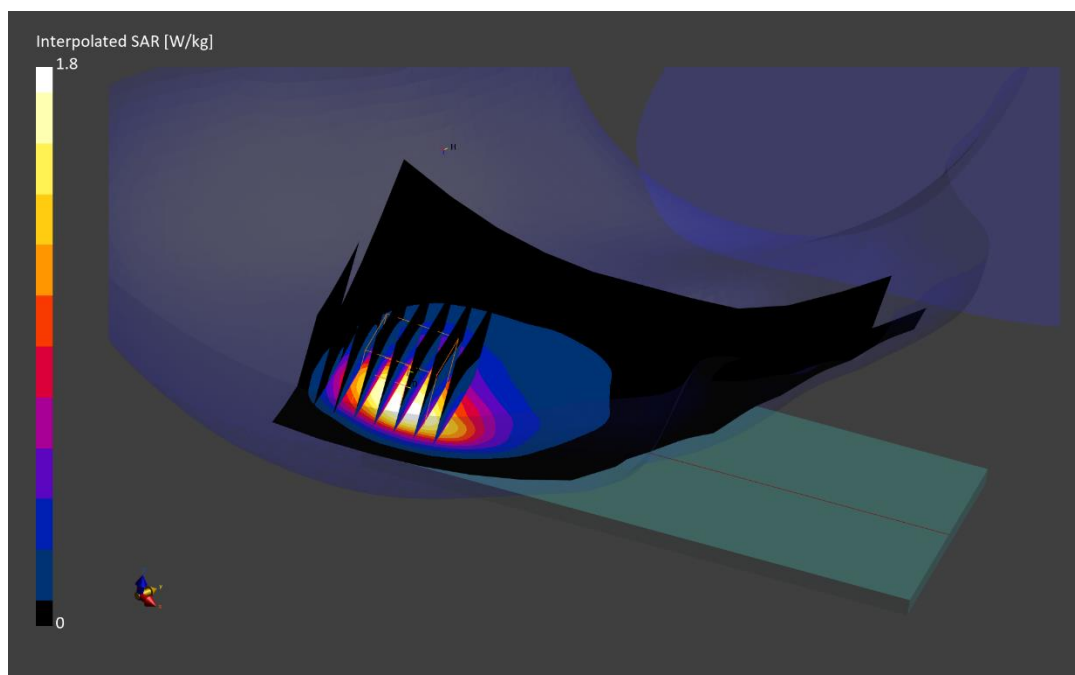
Reference Value = 0.69 W/kg; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 1.80 W/kg

SAR(1 g) = 0.849 W/kg

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

Ratio of SAR at M2 to SAR at M1 = 76.9 %



ELEMENT

DUT: A3LSMS928JPN; Type: Portable Handset; Serial: 1657M

Communication System: UID:10934 - 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 = 39.7; density = 1000 kg/m³

Phantom Section: Flat; Space: 10.00 mm

Test Date: 01/17/2024; Ambient Temp: 19.9°C; Tissue Temp: 19.0°C

Probe: EX3DV4 - SN7491; ConvF:(8.69,8.69,8.69); Calibrated: 2023-06-08

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

Electronics: DAE4 Sn1532; Calibrated: 2023-06-15

Phantom: Twin-SAM V5.0 (30deg probe tilt); Serial: 1797

Measurement SW: DASY Module SAR V16.2.0.1425

**Mode: NR Band n66, Antenna A, Exp: Body-worn/Hotspot| Back Side, Ch. 349000,
40 MHz Bandwidth, DFT-s-OFDM QPSK, 1 RB, 1 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

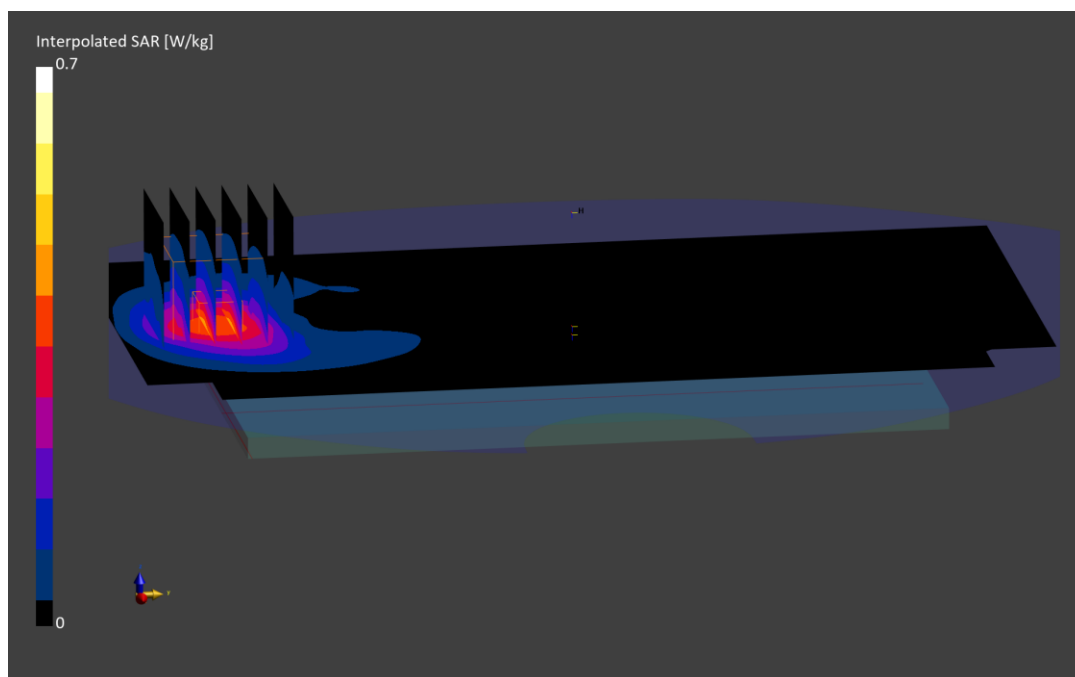
Reference Value = 0.36 W/kg; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 0.692 W/kg

SAR(1 g) = 0.393 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 = 85.2 %



ELEMENT

DUT: A3LSMS928JPN; Type: Portable Handset; Serial: 1651M

Communication System: UID:10934 - 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 = 39.7; density = 1000 kg/m³

Phantom Section: Flat; Space: 10.00 mm

Test Date: 01/17/2024; Ambient Temp: 19.9°C; Tissue Temp: 19.0°C

Probe: EX3DV4 - SN7491; ConvF:(8.69,8.69,8.69); Calibrated: 2023-06-08

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

Electronics: DAE4 Sn1532; Calibrated: 2023-06-15

Phantom: Twin-SAM V5.0 (30deg probe tilt); Serial: 1797

Measuremekeknt SW: DASY Module SAR V16.2.0.1425

**Mode: NR Band n66, Antenna F, Exp: Hotspot| Top Edge, Ch. 349000,
40 MHz Bandwidth, DFT-s-OFDM QPSK, 1 RB, 1 RB Offset**

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

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

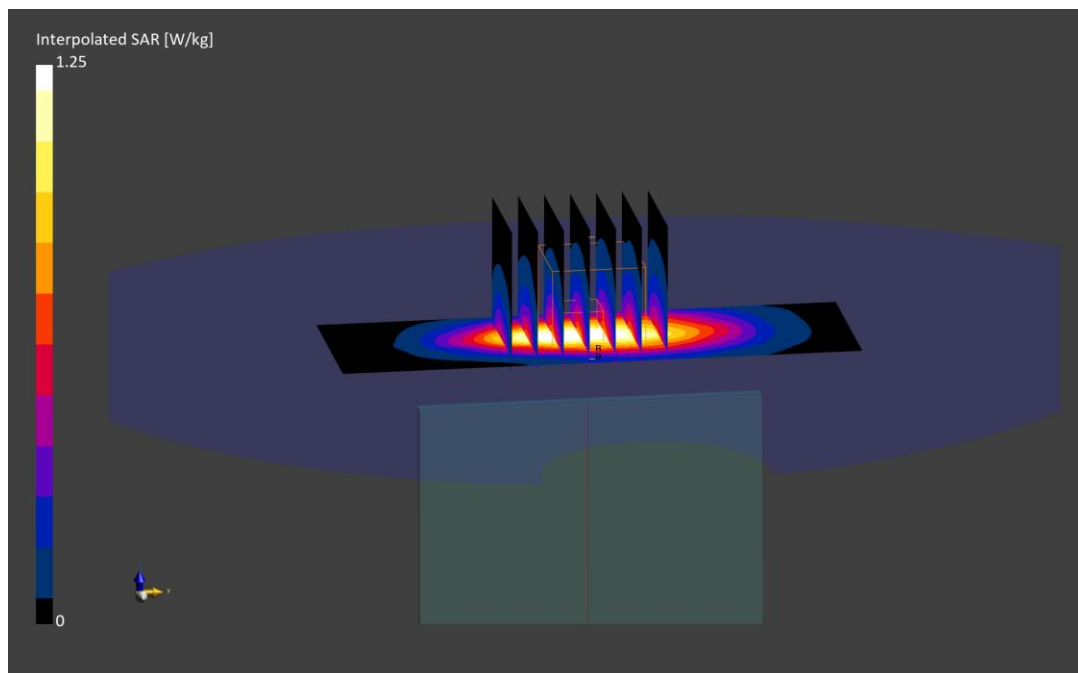
Reference Value = 0.60 W/kg; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 1.25 W/kg

SAR(1 g) = 0.687 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 = 84.0 %



ELEMENT

DUT: A3LSMS928JPN; Type: Portable Handset; Serial: 1668M

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

Medium: 2450 Head; Medium parameters used:

f = 2593.0 MHz; cond = 1.92 S/m; perm = 37.7; density = 1000 kg/m³

Phantom Section: RightHead; Space: 0.00 mm

Test Date: 01/08/2024; Ambient Temp: 21.8°C; Tissue Temp: 21.1°C

Probe: EX3DV4 - SN7547; ConvF:(7.08,7.08,7.08); Calibrated: 2023-10-23

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

Electronics: DAE4 Sn1322; Calibrated: 2023-10-18

Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 1937

Measurement SW: DASY Module SAR V16.2.0.1425

**Mode: NR Band n41, Antenna F, Exp: Head| Right Tilt, Ch. 518598,
100 MHz Bandwidth, CP-OFDM QPSK, 1 RB, 1 RB Offset**

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

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

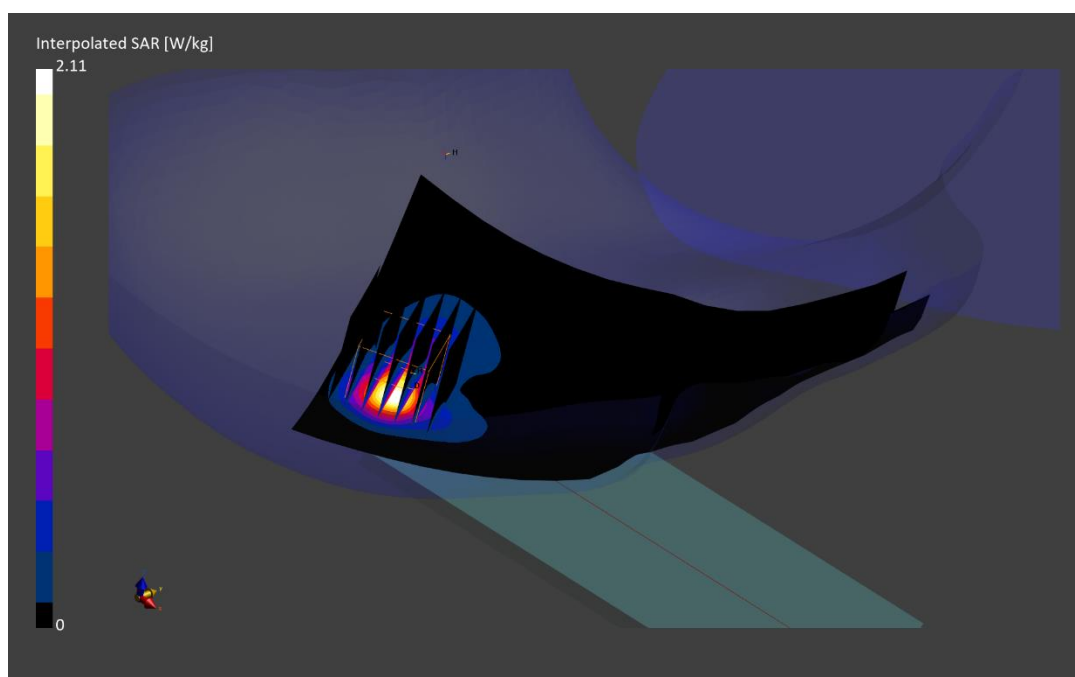
Reference Value = 0.73 W/kg; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 2.11 W/kg

SAR(1 g) = 0.883 W/kg

Smallest distance from peaks to all points 3 dB below is 7.1 mm

Ratio of SAR at M2 to SAR at M1 = 76.2 %



ELEMENT

DUT: A3LSMS928JPN; Type: Portable Handset; Serial: 1727M

Communication System: UID:10866 - AAD, 5G NR FR1 TDD; MAIA: Y; Frequency: 2593.0 MHz

Medium: 2450 Head; Medium parameters used:

f = 2593.0 MHz; cond = 1.92 S/m; perm = 37.7; density = 1000 kg/m³

Phantom Section: Flat; Space: 10.00 mm

Test Date: 01/08/2024; Ambient Temp: 21.8°C; Tissue Temp: 21.1°C

Probe: EX3DV4 - SN7547; ConvF:(7.08,7.08,7.08); Calibrated: 2023-10-23

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

Electronics: DAE4 Sn1322; Calibrated: 2023-10-18

Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 1937

Measurement SW: DASY Module SAR V16.2.0.1425

**Mode: NR Band n41, Antenna B, Exp: Body-worn/Hotspot| Back Side, Ch. 518598,
100 MHz Bandwidth, DFT-s-OFDM QPSK, 1 RB, 1 RB Offset**

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

Zoom Scan (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

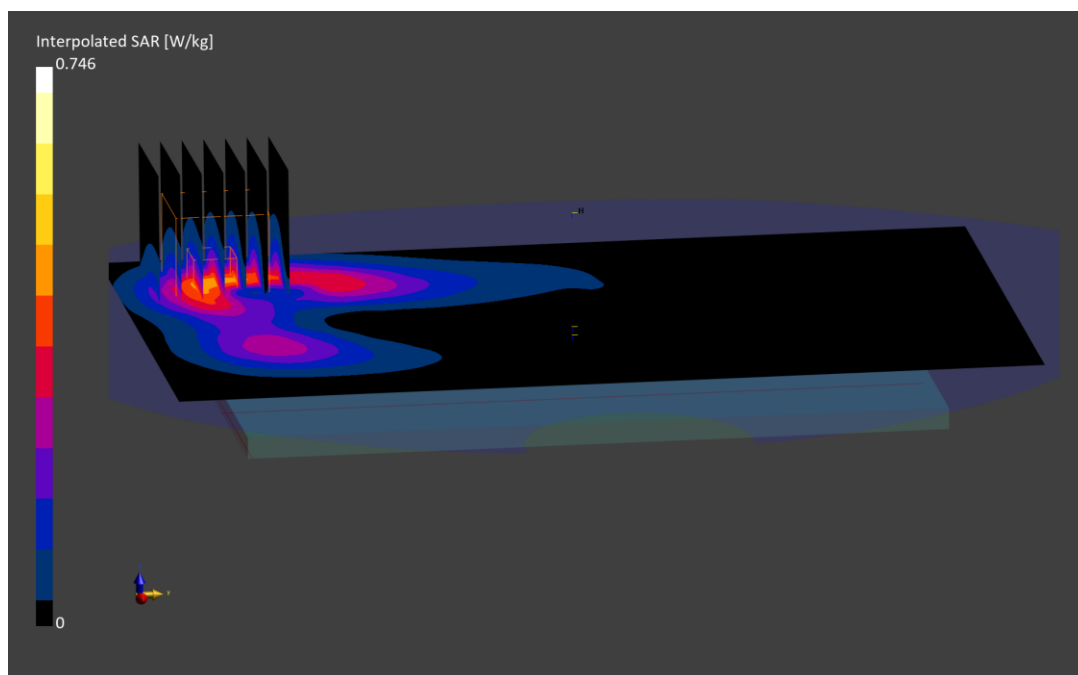
Reference Value = 0.33 W/kg; Power Drift = 0.00 dB

Peak SAR (extrapolated) = 0.746 W/kg

SAR(1 g) = 0.374 W/kg

Smallest distance from peaks to all points 3 dB below is 8.5 mm

Ratio of SAR at M2 to SAR at M1 = 80.5 %



ELEMENT

DUT: A3LSMS928JPN; Type: Portable Handset; Serial: 1651M

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

Medium: 2450 Head; Medium parameters used:

f = 2593.0 MHz; cond = 1.92 S/m; perm = 37.7; density = 1000 kg/m³

Phantom Section: Flat; Space: 10.00 mm

Test Date: 01/08/2024; Ambient Temp: 21.8°C; Tissue Temp: 21.1°C

Probe: EX3DV4 - SN7547; ConvF:(7.08,7.08,7.08); Calibrated: 2023-10-23

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

Electronics: DAE4 Sn1322; Calibrated: 2023-10-18

Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 1937

Measurement SW: DASY Module SAR V16.2.0.1425

**Mode: NR Band n41, Antenna F, Exp: Hotspot| Top Edge, Ch. 518598,
100 MHz Bandwidth, CP-OFDM QPSK, 1 RB, 1 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

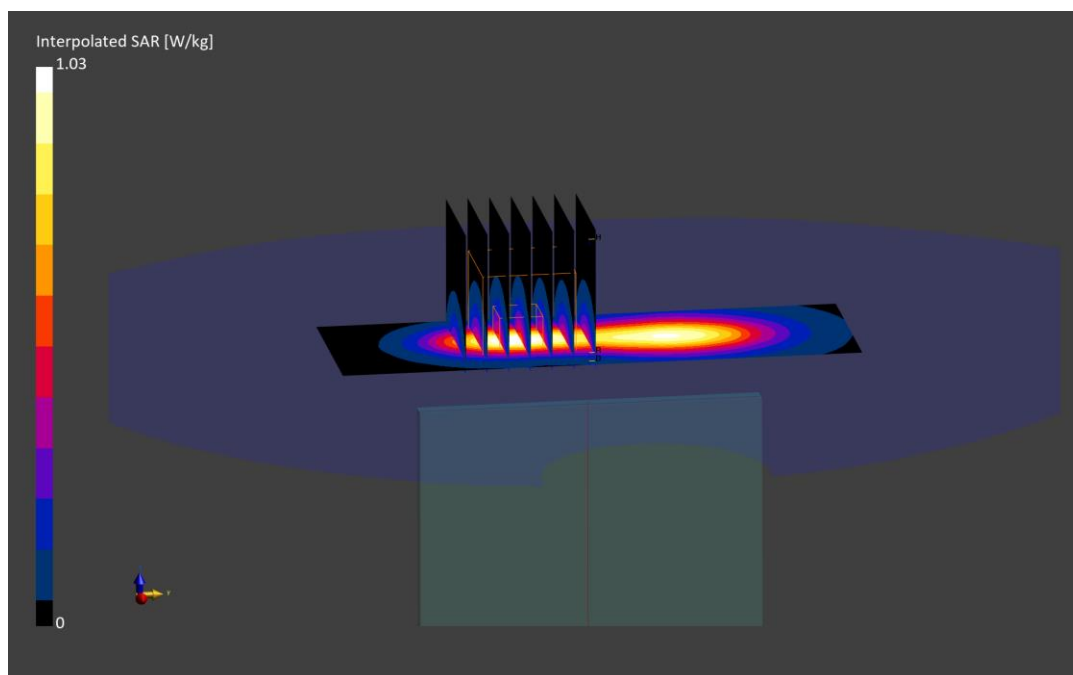
Reference Value = 0.44 W/kg; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 1.03 W/kg

SAR(1 g) = 0.495 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 = 78.3 %



ELEMENT

DUT: A3LSMS928JPN; Type: Portable Handset; Serial: 1705M

Communication System: UID:10415 - AAA, WLAN; MAIA: Y; Frequency: 2437.000 MHz

Medium: 2450 Head; Medium parameters used:

f = 2437.000 MHz; cond = 1.78 S/m; perm = 38.6; density = 1000 kg/m³

Phantom Section: RightHead; Space: 0.00 mm

Test Date: 01/10/2024; Ambient Temp: 21.3°C; Tissue Temp: 20.2°C

Probe: EX3DV4 - SN7409; ConvF:(7.44,7.44,7.44); Calibrated: 2023-06-15

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

Electronics: DAE4 Sn1334; Calibrated: 2023-06-15

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

Measurement SW: DASY Module SAR V16.2.4.2524

Mode: 2.4 GHz WIFI/ IEEE 802.11b, Antenna H, 22 MHz Bandwidth, Exp: Head| Right Cheek, Ch. 6, 1Mbps

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

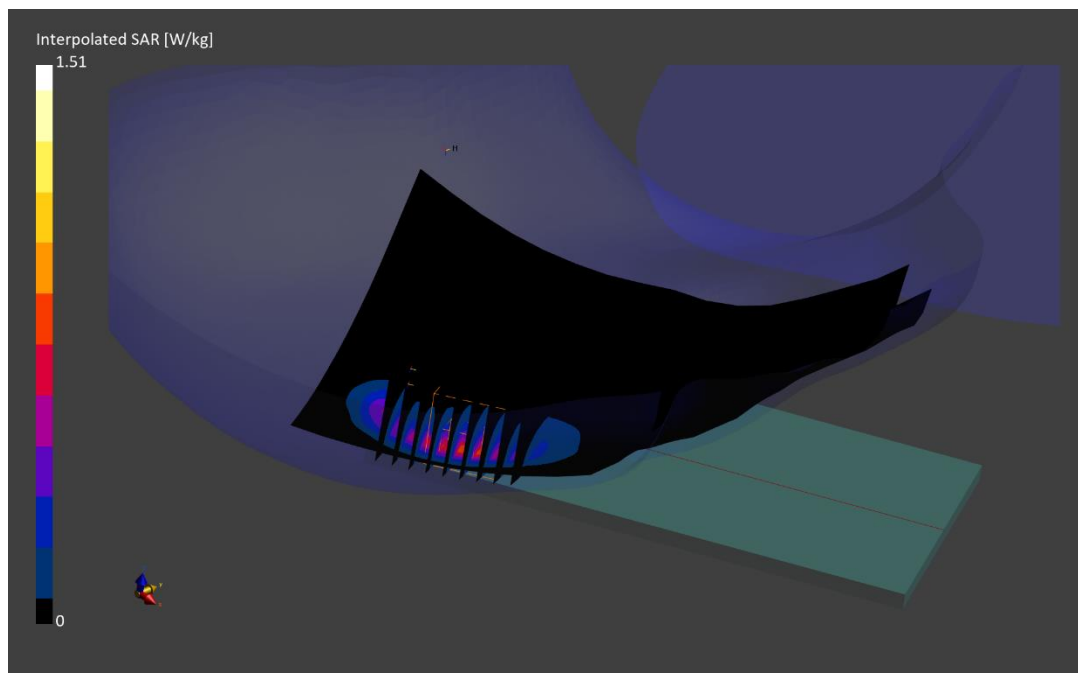
Reference Value = 0.65 W/kg; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 1.51 W/kg

SAR(1 g) = 0.645 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 = 76.5 %



ELEMENT

DUT: A3LSMS928JPN; Type: Portable Handset; Serial: 1663M

Communication System: UID:10415 - AAA, WLAN; MAIA: Y; Frequency: 2437.000 MHz

Medium: 2450 Head; Medium parameters used:

$f = 2437.000$ MHz; $\text{cond} = 1.78$ S/m; $\text{perm} = 38.6$; $\text{density} = 1000$ kg/m³

Phantom Section: Flat; Space: 10.00 mm

Test Date: 01/10/2024; Ambient Temp: 21.3°C; Tissue Temp: 20.2°C

Probe: EX3DV4 - SN7409; ConvF:(7.44,7.44,7.44); Calibrated: 2023-06-15

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

Electronics: DAE4 Sn1334; Calibrated: 2023-06-15

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

Measurement SW: DASY Module SAR V16.2.4.2524

**Mode: 2.4 GHz WIFI/ IEEE 802.11b, Antenna MIMO, 22 MHz Bandwidth,
Exp: Body-worn | Back Side, Ch. 6, 1Mbps**

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

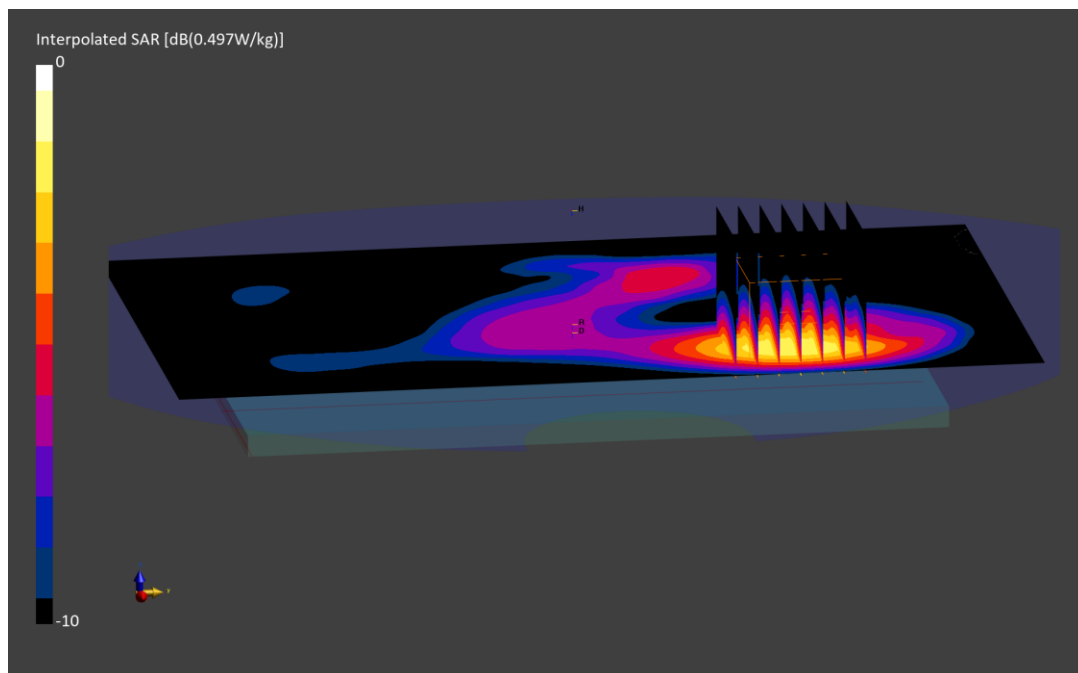
Reference Value = 0.11 W/kg; Power Drift = -0.10 dB

Peak SAR (extrapolated) = 0.497 W/kg

SAR(1 g) = 0.277 W/kg

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

Ratio of SAR at M2 to SAR at M1 = 82.6 %



ELEMENT

DUT: A3LSMS928JPN; Type: Portable Handset; Serial: 1663M

Communication System: UID:10415 - AAA, WLAN; MAIA: Y; Frequency: 2437.000 MHz

Medium: 2450 Head; Medium parameters used:

$f = 2437.000$ MHz; $\text{cond} = 1.78$ S/m; $\text{perm} = 38.6$; $\text{density} = 1000$ kg/m³

Phantom Section: Flat; Space: 10.00 mm

Test Date: 01/10/2024; Ambient Temp: 21.3°C; Tissue Temp: 20.2°C

Probe: EX3DV4 - SN7409; ConvF:(7.44,7.44,7.44); Calibrated: 2023-06-15

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

Electronics: DAE4 Sn1334; Calibrated: 2023-06-15

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

Measurement SW: DASY Module SAR V16.2.4.2524

**Mode: 2.4 GHz WIFI/ IEEE 802.11b, Antenna MIMO, 22 MHz Bandwidth,
Exp: Hotspot| Left Edge, Ch. 6, 1Mbps**

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

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

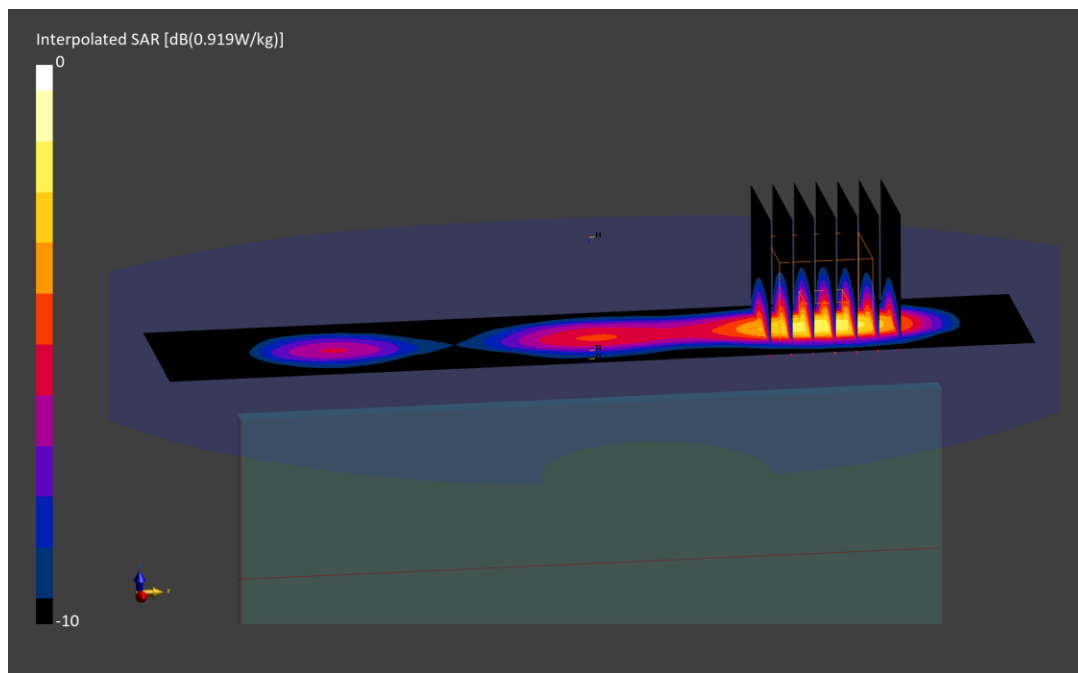
Reference Value = 0.49 W/kg; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 0.919 W/kg

SAR(1 g) = 0.466 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 = 80.4 %



ELEMENT

DUT: A3LSMS928JPN; Type: Portable Handset; Serial: 1713M

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

Medium: 5200-5800 Head; Medium parameters used:

f = 5290.0 MHz; cond = 4.57 S/m; perm = 35.8; density = 1000 kg/m³

Phantom Section: LeftHead; Space: 0.00 mm

Test Date: 01/09/2024; Ambient Temp: 20.6°C; Tissue Temp: 21.8°C

Probe: EX3DV4 - SN7417; ConvF:(5.61,5.61,5.61); Calibrated: 2023-02-08

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

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

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

Measurement SW: DASY Module SAR V16.2.0.1425

**Mode: 5 GHz WIFI/ IEEE 802.11ac, Antenna MIMO, 80 MHz Bandwidth, U-NII-2A, Exp:
Head| Left Cheek, Ch. 58, 58.5 Mbps**

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

Zoom Scan (24.0 x 24.0 x 22.0): Measurement grid: dx=4.0 mm, dy=4.0 mm, dz=1.4 mm; Graded Ratio: 1.4

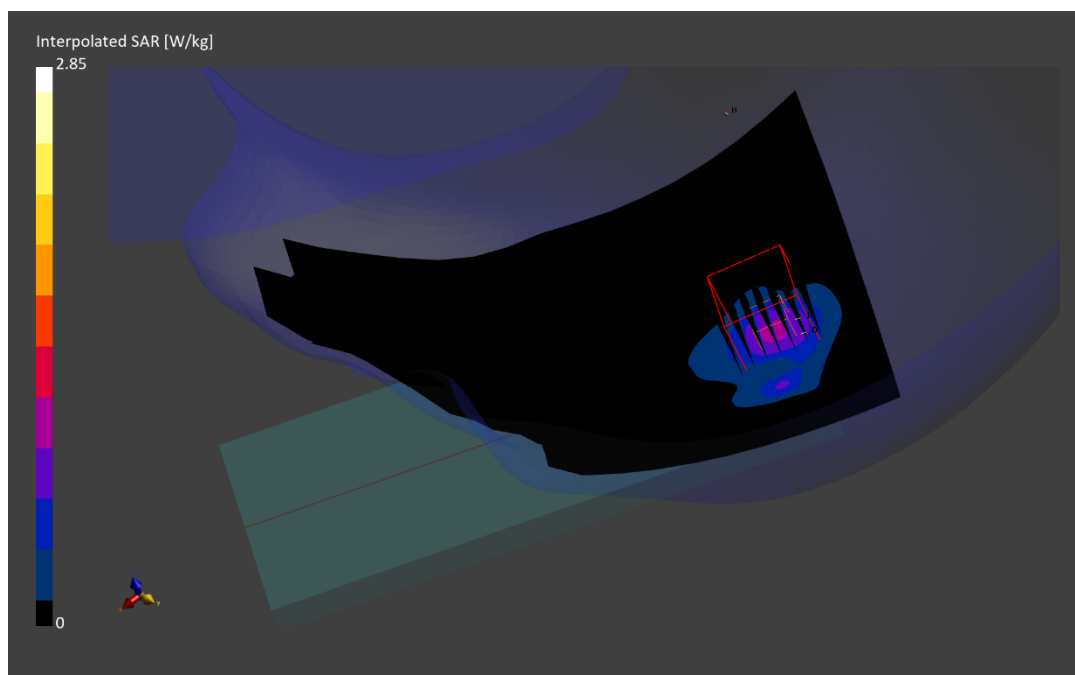
Reference Value = 0.48 W/kg; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 2.85 W/kg

SAR(1 g) = 0.790 W/kg

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

Ratio of SAR at M2 to SAR at M1 = 64.4 %



ELEMENT

DUT: A3LSMS928JPN; Type: Portable Handset; Serial: 1713M

Communication System: UID:10626 - AAC, WLAN; MAIA: Y; Frequency: 5610.0 MHz

Medium: 5200-5800 Head; Medium parameters used:

f = 5610.0 MHz; cond = 4.91 S/m; perm = 35.3; density = 1000 kg/m³

Phantom Section: Flat; Space: 10.00 mm

Test Date: 01/09/2024; Ambient Temp: 20.6°C; Tissue Temp: 21.8°C

Probe: EX3DV4 - SN7417; ConvF:(4.99,4.99,4.99); Calibrated: 2023-02-08

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

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

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

Measurement SW: DASY Module SAR V16.2.0.1425

**Mode: 5 GHz WIFI/ IEEE 802.11ac, Antenna MIMO, 80 MHz Bandwidth, U-NII-2C, Exp:
Body-worn/Hotspot| Back Side, Ch. 122, 58.5 Mbps**

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

Zoom Scan (24.0 x 24.0 x 22.0): Measurement grid: dx=4.0 mm, dy=4.0 mm, dz=1.4 mm; Graded Ratio: 1.4

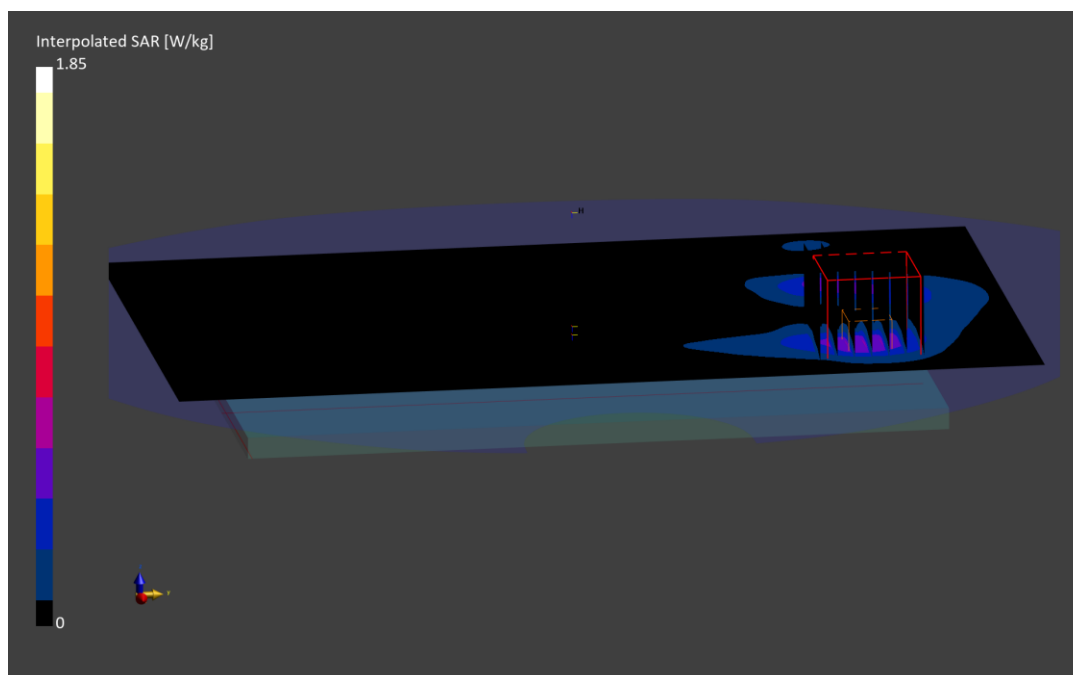
Reference Value = 0.33 W/kg; Power Drift = 0.00 dB

Peak SAR (extrapolated) = 1.85 W/kg

SAR(1 g) = 0.501 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 = 62.4 %



ELEMENT

DUT: A3LSMS928JPN; Type: Portable Handset; Serial: 1713M

Communication System: UID:10626 - AAC, WLAN; MAIA: Y; Frequency: 5775.0 MHz

Medium: 5200-5800 Head; Medium parameters used:

f = 5775.0 MHz; cond = 5.07 S/m; perm = 34.9; density = 1000 kg/m³

Phantom Section: Flat; Space: 10.00 mm

Test Date: 01/09/2024; Ambient Temp: 21.6°C; Tissue Temp: 21.8°C

Probe: EX3DV4 - SN7417; ConvF:(5.13,5.13,5.13); Calibrated: 2023-02-08

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

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

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

Measurement SW: DASY Module SAR V16.2.0.1425

**Mode: 5 GHz WIFI/ IEEE 802.11ac, Antenna MIMO, 80 MHz Bandwidth, U-NII-3, Exp:
Hotspot| Left Edge, Ch. 155, 58.5 Mbps**

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

Zoom Scan (24.0 x 24.0 x 22.0): Measurement grid: dx=4.0 mm, dy=4.0 mm, dz=1.4 mm; Graded Ratio: 1.4

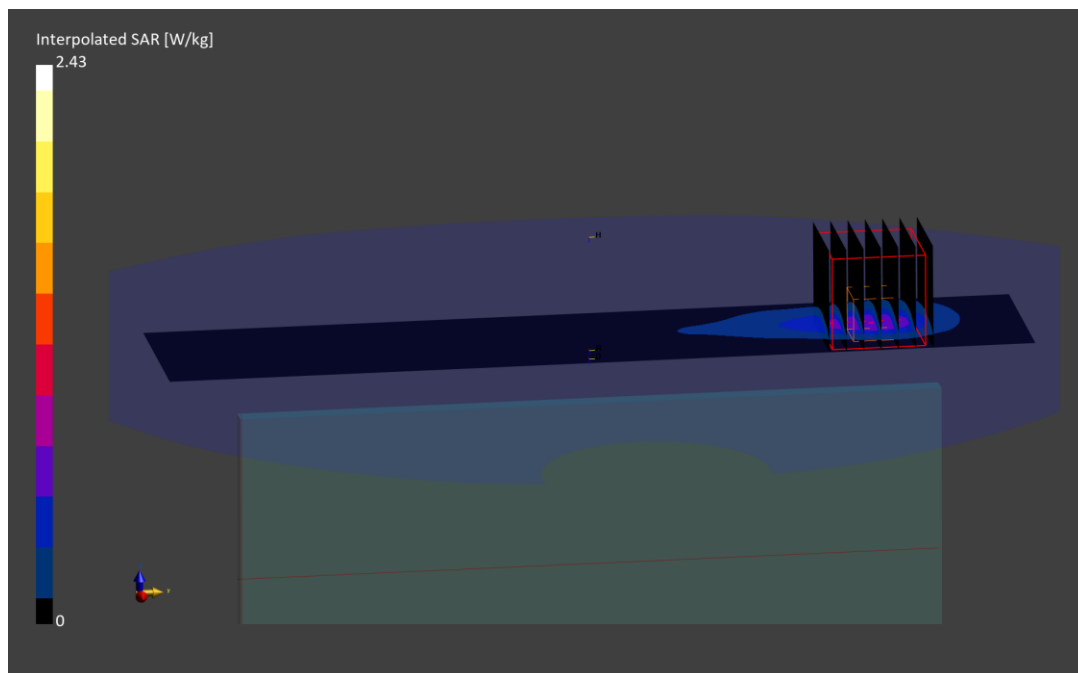
Reference Value = 0.36 W/kg; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 2.43 W/kg

SAR(1 g) = 0.617 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 = 59.8 %



ELEMENT

DUT: A3LSMS928JPN; Type: Portable Handset; Serial: 1713M

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

Medium: 5200-5800 Head; Medium parameters used:

f = 5690.0 MHz; cond = 5.33 S/m; perm = 35.2; density = 1000 kg/m³

Phantom Section: Flat; Space: 0.00 mm

Test Date: 01/29/2024; Ambient Temp: 19.1°C; Tissue Temp: 21.3°C

Probe: EX3DV4 - SN7803; ConvF:(4.68,4.79,4.72); Calibrated: 2024-01-11

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

Electronics: DAE4 Sn1533; Calibrated: 2024-01-09

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

Measurement SW: DASY Module SAR V16.2.0.1425

**Mode: 5 GHz WIFI/ IEEE 802.11ac, Antenna H, 80 MHz Bandwidth, U-NII-2C,
Exp: Phablet| Left Edge, Ch. 138, 29.3 Mbps**

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

Zoom Scan (22.0 x 22.0 x 22.0): Measurement grid: dx=3.6 mm, dy=3.6 mm, dz=1.4 mm; Graded Ratio: 1.4

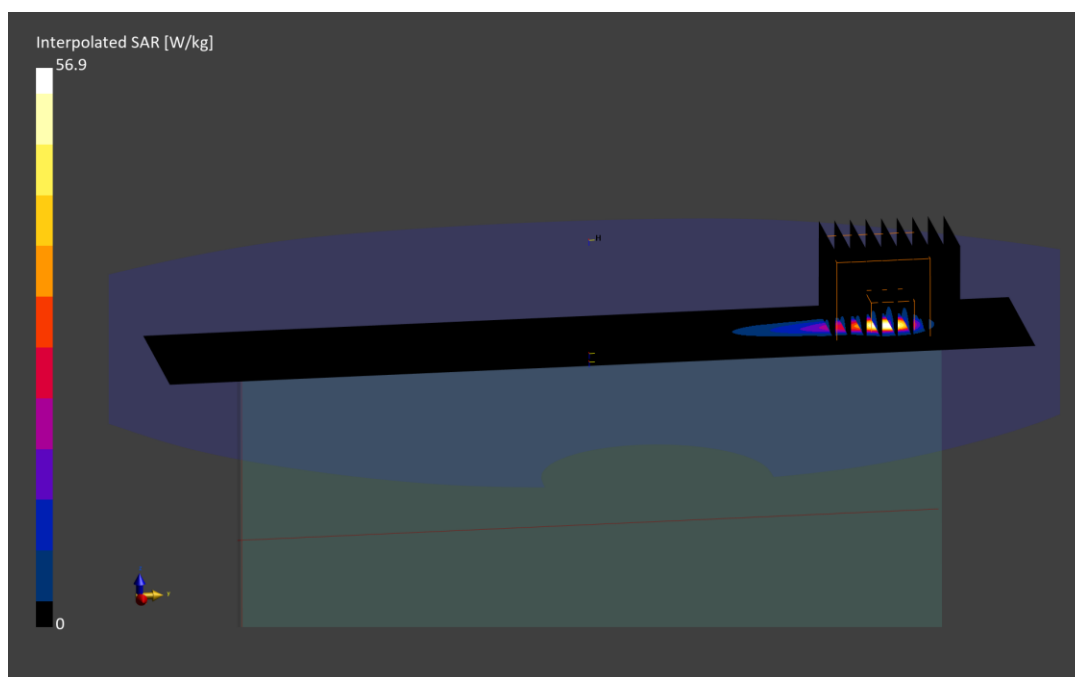
Reference Value = 13.04 W/kg; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 56.9 W/kg

SAR(10 g) = 2.41 W/kg

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

Ratio of SAR at M2 to SAR at M1 = 61.2 %



ELEMENT

DUT: A3LSMS928JPN; Type: Portable Handset; Serial: 1705M

Communication System: UID:10731 - AAC, WLAN; MAIA: Y; Frequency: 5985.0 MHz

Medium: 6000 Head; Medium parameters used:

f = 5985.0 MHz; cond = 5.38 S/m; perm = 35.4; density = 1000 kg/m³

Phantom Section: RightHead; Space: 0.00 mm

Test Date: 01/17/2024; Ambient Temp: 22.7°C; Tissue Temp: 19.2°C

Probe: EX3DV4 - SN7718; ConvF:(5.15,5.15,5.15); Calibrated: 2023-04-18

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

Electronics: DAE4 Sn1368; Calibrated: 2023-04-14

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

Measurement SW: DASY Module SAR V16.2.0.1425

**Mode: 6 GHz WIFI/ IEEE 802.11ax, Antenna MIMO, 80 MHz Bandwidth, U-NII-5, Exp:
Head| Right Cheek, Ch. 7, 68.1 Mbps**

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

Zoom Scan (24.0 x 24.0 x 22.0): Measurement grid: dx=4.0 mm, dy=4.0 mm, dz=1.4 mm; Graded Ratio: 1.4

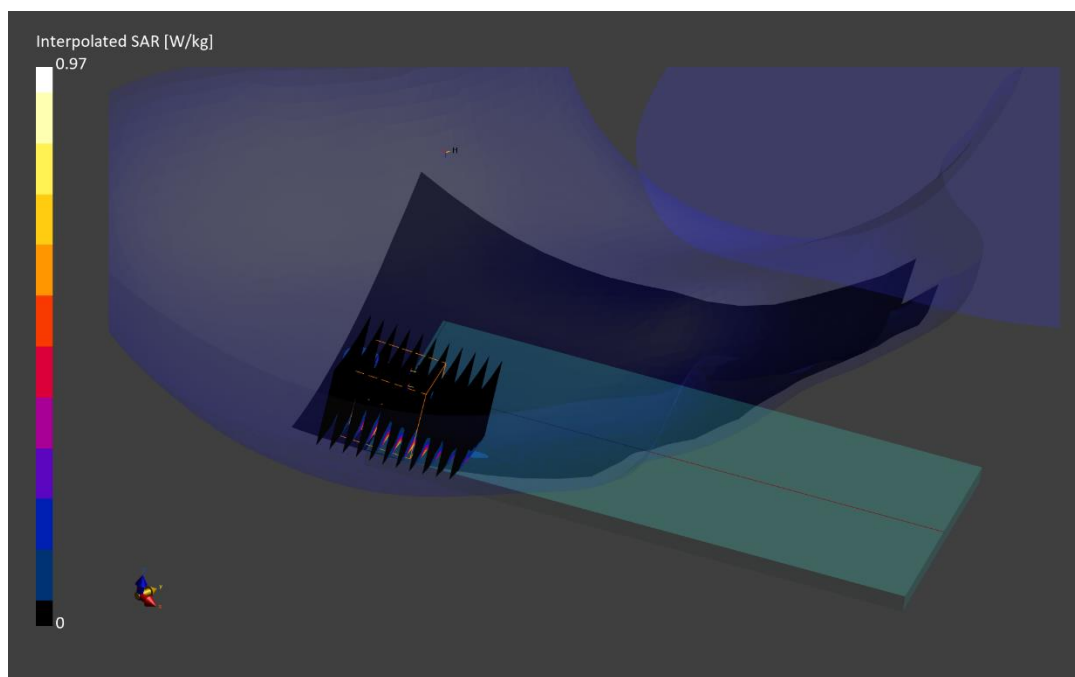
Reference Value = 0.10 W/kg; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.970 W/kg

SAR(1 g) = 0.182 W/kg; APD(4cm²) = 1.170 W/m²

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

Ratio of SAR at M2 to SAR at M1 = 58.1 %



ELEMENT

DUT: A3LSMS928JPN; Type: Portable Handset; Serial: 1705M

Communication System: UID:10731 - AAC, WLAN; MAIA: Y; Frequency: 6305.0 MHz

Medium: 6000 Head; Medium parameters used:

f = 6305.0 MHz; cond = 5.80 S/m; perm = 34.9; density = 1000 kg/m³

Phantom Section: Flat; Space: 10.00 mm

Test Date: 01/17/2024; Ambient Temp: 22.7°C; Tissue Temp: 19.2°C

Probe: EX3DV4 - SN7718; ConvF:(5.15,5.15,5.15); Calibrated: 2023-04-18

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

Electronics: DAE4 Sn1368; Calibrated: 2023-04-14

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

Measurement SW: DASY Module SAR V16.2.0.1425

Mode: 6 GHz WIFI/ IEEE 802.11ax, Antenna E, 80 MHz Bandwidth, U-NII-5, Exp: Body-worn| Back Side, Ch. 71, 34 Mbps

Area Scan (119.0 x 204.0): Measurement grid: dx=8.5 mm, dy=8.5 mm

Zoom Scan (27.2 x 27.2 x 22.0): Measurement grid: dx=3.4 mm, dy=3.4 mm, dz=1.4 mm; Graded Ratio: 1.4

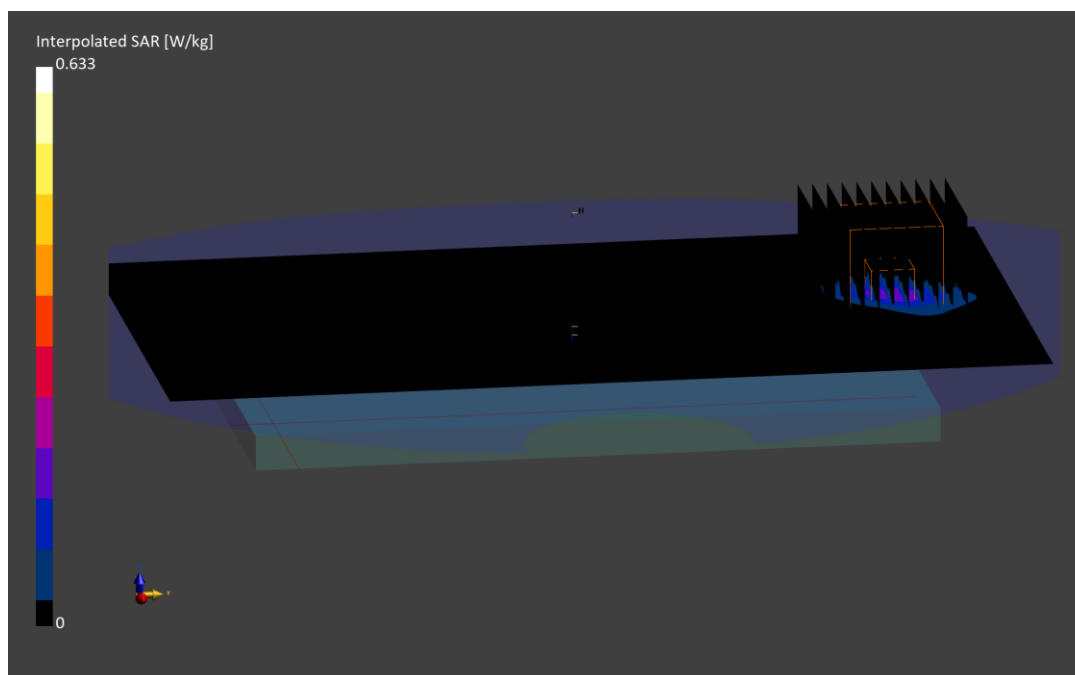
Reference Value = 0.14 W/kg; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 0.633 W/kg

SAR(1 g) = 0.145 W/kg; APD(4cm²) = 1.10 W/m²

Smallest distance from peaks to all points 3 dB below is 8.4 mm

Ratio of SAR at M2 to SAR at M1 = 57.2 %



ELEMENT

DUT: A3LSMS928JPN; Type: Portable Handset; Serial: 1705M

Communication System: UID:10731 - AAC, WLAN; MAIA: Y; Frequency: 5985.0 MHz

Medium: 6000 Head; Medium parameters used:

f = 5985.0 MHz; cond = 5.38 S/m; perm = 35.4; density = 1000 kg/m³

Phantom Section: Flat; Space: 0.00 mm

Test Date: 01/17/2024; Ambient Temp: 22.7°C; Tissue Temp: 19.2°C

Probe: EX3DV4 - SN7718; ConvF:(5.15,5.15,5.15); Calibrated: 2023-04-18

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

Electronics: DAE4 Sn1368; Calibrated: 2023-04-14

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

Measurement SW: DASY Module SAR V16.2.0.1425

**Mode: 6 GHz WIFI/ IEEE 802.11ax, Antenna H, 80 MHz Bandwidth, U-NII-5, Exp: Phablet|
Left Edge, Ch. 7, 34 Mbps**

Area Scan (40.0 x 204.0): Measurement grid: dx=5.0 mm, dy=8.5 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

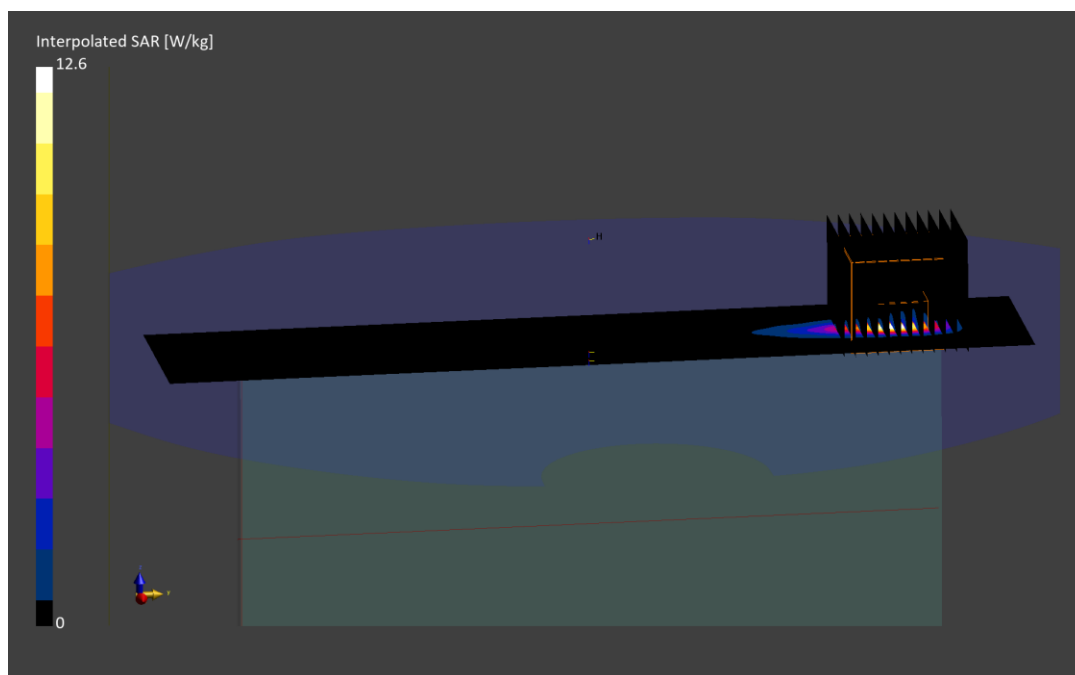
Reference Value = 1.76 W/kg; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 12.6 W/kg

SAR(10 g) = 0.457 W/kg; APD(4cm²) = 10.900 W/m²

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

Ratio of SAR at M2 to SAR at M1 = 61.8 %



ELEMENT

DUT: A3LSMS928JPN; Type: Portable Handset; Serial: 1705M

Communication System: UID:10032 - CAA, Bluetooth; MAIA: Y; Frequency: 2441.000 MHz

Medium: 2450 Head; Medium parameters used:

$f = 2441.000$ MHz; $\text{cond} = 1.78$ S/m; $\text{perm} = 38.6$; $\text{density} = 1000$ kg/m³

Phantom Section: RightHead; Space: 0.00 mm

Test Date: 01/10/2024; Ambient Temp: 21.3°C; Tissue Temp: 20.2°C

Probe: EX3DV4 - SN7409; ConvF:(7.44,7.44,7.44); Calibrated: 2023-06-15

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

Electronics: DAE4 Sn1334; Calibrated: 2023-06-15

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

Measurement SW: DASY Module SAR V16.2.4.2524

Mode: 2.4 GHz Bluetooth, Antenna H, Exp: Head| Right Cheek, Ch. 39, 1 Mbps

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

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

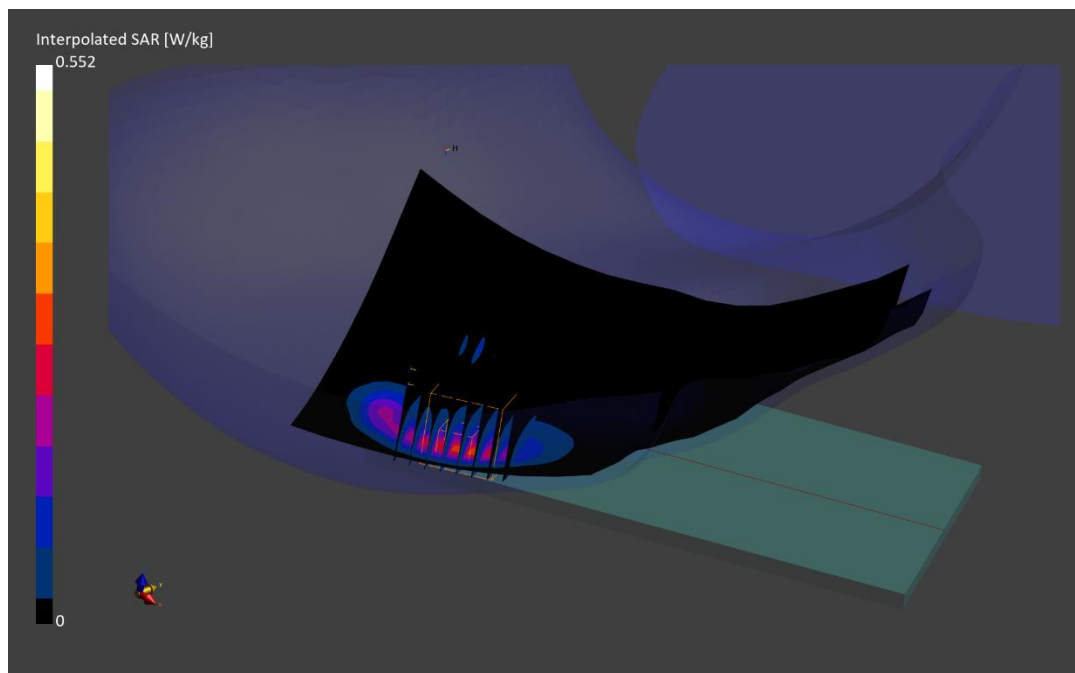
Reference Value = 0.24 W/kg; Power Drift = 0.00 dB

Peak SAR (extrapolated) = 0.552 W/kg

SAR(1 g) = 0.237 W/kg

Smallest distance from peaks to all points 3 dB below is 6.6 mm

Ratio of SAR at M2 to SAR at M1 = 77.7 %



ELEMENT

DUT: A3LSMS928JPN; Type: Portable Handset; Serial: 1705M

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

Medium: 2450 Head; Medium parameters used:

f = 2441.0 MHz; cond = 1.84 S/m; perm = 38.5; density = 1000 kg/m³

Phantom Section: Flat; Space: 10.00 mm

Test Date: 01/15/2024; Ambient Temp: 20.1°C; Tissue Temp: 19.8°C

Probe: EX3DV4 - SN7409; ConvF:(7.44,7.44,7.44); Calibrated: 2023-06-15

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

Electronics: DAE4 Sn1334; Calibrated: 2023-06-15

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

Measurement SW: DASY Module SAR V16.2.4.2524

Mode: 2.4 GHz Bluetooth, Antenna H, Exp: Body-worn/Hotspot| Back Side, Ch. 39, 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

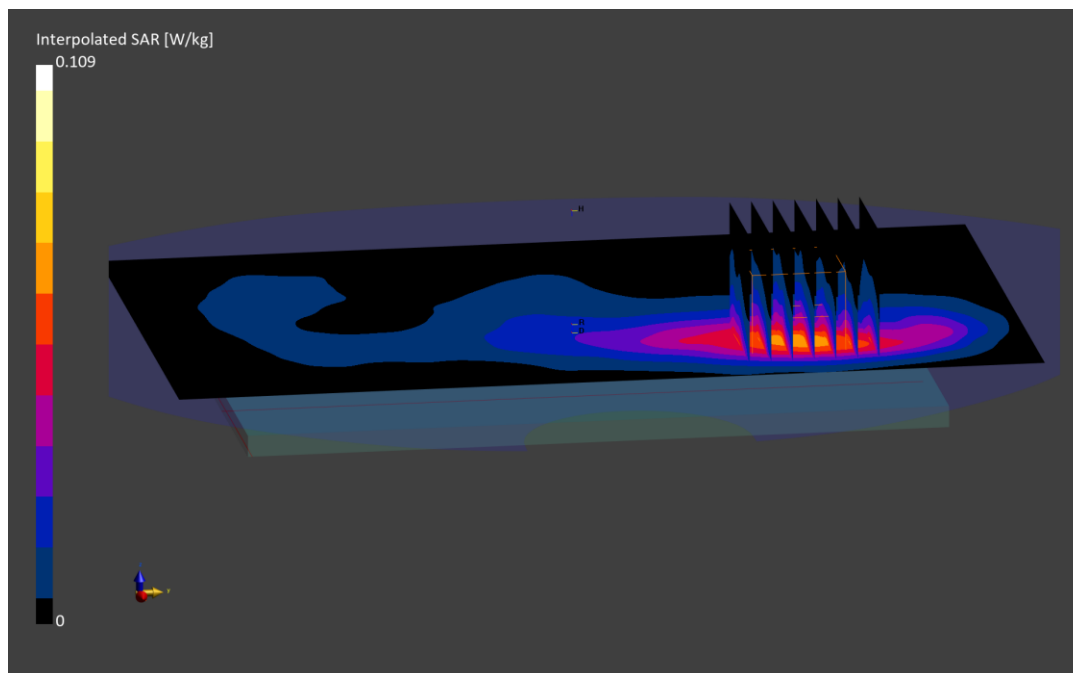
Reference Value = 0.06 W/kg; Power Drift = 0.00 dB

Peak SAR (extrapolated) = 0.109 W/kg

SAR(1 g) = 0.058 W/kg

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

Ratio of SAR at M2 to SAR at M1 = 81.4 %



ELEMENT

DUT: A3LSMS928JPN; Type: Portable Handset; Serial: 1705M

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

Medium: 2450 Head; Medium parameters used:

f = 2441.0 MHz; cond = 1.84 S/m; perm = 38.5; density = 1000 kg/m³

Phantom Section: Flat; Space: 10.00 mm

Test Date: 01/15/2024; Ambient Temp: 20.1°C; Tissue Temp: 19.8°C

Probe: EX3DV4 - SN7409; ConvF:(7.44,7.44,7.44); Calibrated: 2023-06-15

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

Electronics: DAE4 Sn1334; Calibrated: 2023-06-15

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

Measurement SW: DASY Module SAR V16.2.4.2524

Mode: 2.4 GHz Bluetooth, Antenna H, Exp: Hotspot| Left Edge, Ch. 39, 1 Mbps

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

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

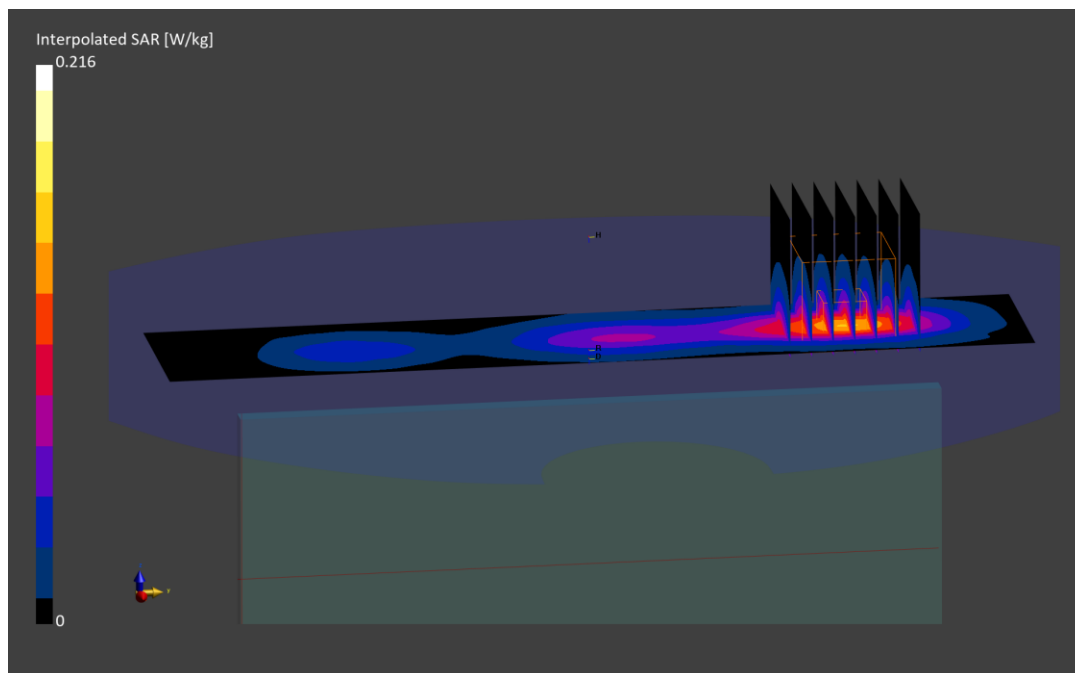
Reference Value = 0.12 W/kg; Power Drift = -0.19 dB

Peak SAR (extrapolated) = 0.217 W/kg

SAR(1 g) = 0.113 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 = 82.6 %



ELEMENT

DUT: A3LSMS928JPN; Type: Portable Handset; Serial: 1705M

Communication System: UID:10032 - CAA, Bluetooth; MAIA: Y; Frequency: 2441.000 MHz

Medium: 2450 Head; Medium parameters used:

$f = 2441.000$ MHz; $\text{cond} = 1.84$ S/m; $\text{perm} = 38.5$; $\text{density} = 1000$ kg/m³

Phantom Section: Flat; Space: 0.00 mm

Test Date: 01/15/2024; Ambient Temp: 20.1°C; Tissue Temp: 19.8°C

Probe: EX3DV4 - SN7409; ConvF:(7.44,7.44,7.44); Calibrated: 2023-06-15

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

Electronics: DAE4 Sn1334; Calibrated: 2023-06-15

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

Measurement SW: DASY Module SAR V16.2.4.2524

Mode: 2.4 GHz Bluetooth, Antenna MIMO, Exp: Phablet| Left Edge, Ch. 39, 1 Mbps

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

Zoom Scan (30.0 x 30.0 x 30.0): Measurement grid: $dx=2.9$ mm, $dy=2.9$ mm, $dz=1.2$ mm; Graded Ratio: 1.2

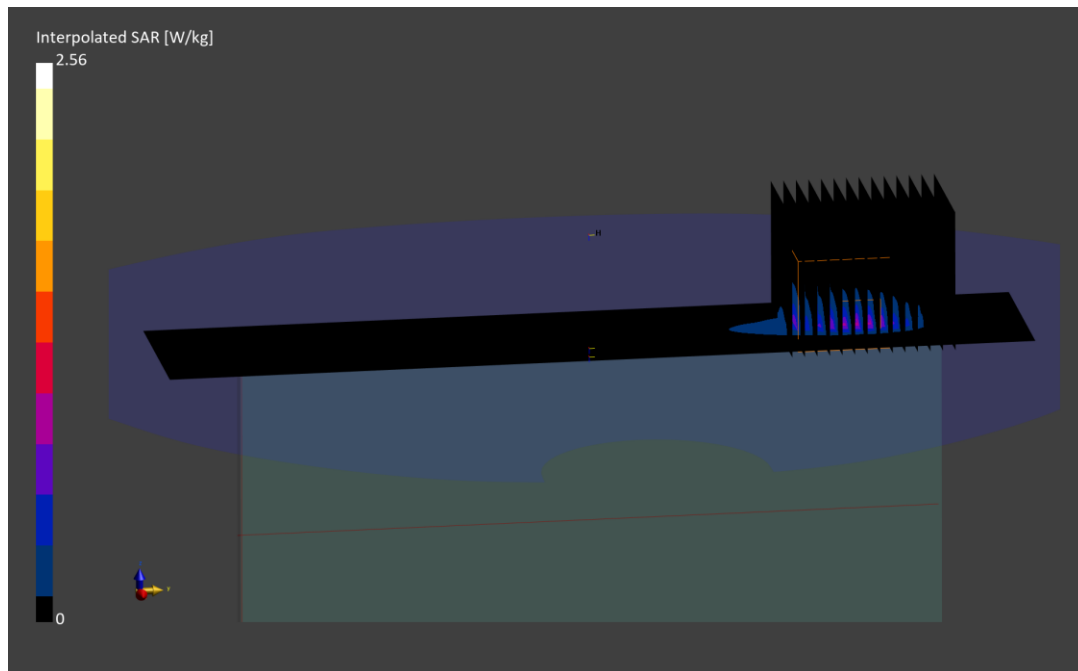
Reference Value = 0.74 W/kg; Power Drift = 0.17 dB

Peak SAR (extrapolated) = 2.56 W/kg

SAR(10 g) = 0.240 W/kg

Smallest distance from peaks to all points 3 dB below is 4.7 mm

Ratio of SAR at M2 to SAR at M1 = 65.8 %



ELEMENT

DUT: A3LSMS928JPN; Type: Portable Handset; Serial: 1662M

Communication System: UID:0 - -, CW; MAIA: Y; Frequency: 7987.2 MHz

Medium: 6000 Head; Medium parameters used:

f = 7987.2 MHz; cond = 8.19 S/m; perm = 31.5; density = 1000 kg/m³

Phantom Section: Flat; Space: 0.00 mm

Test Date: 02/01/2024; Ambient Temp: 21.1°C; Tissue Temp: 19.8°C

Probe: EX3DV4 - SN7410; ConvF:(5.65,5.65,5.65); Calibrated: 2023-07-07

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

Electronics: DAE4ip Sn1638; Calibrated: 2023-10-18

Phantom: Twin-SAM V8.0; Serial: 1979

Measurement SW: DASY Module SAR V16.2.0.1425

Mode: UWB, Antenna I, Exp: Phablet| Front Side, Ch. 9

Area Scan (120.0 x 195.0): Measurement grid: dx=7.5 mm, dy=7.5 mm

Zoom Scan (24.0 x 24.0 x 22.0): Measurement grid: dx=3.0 mm, dy=3.0 mm, dz=1.4 mm; Graded Ratio: 1.4

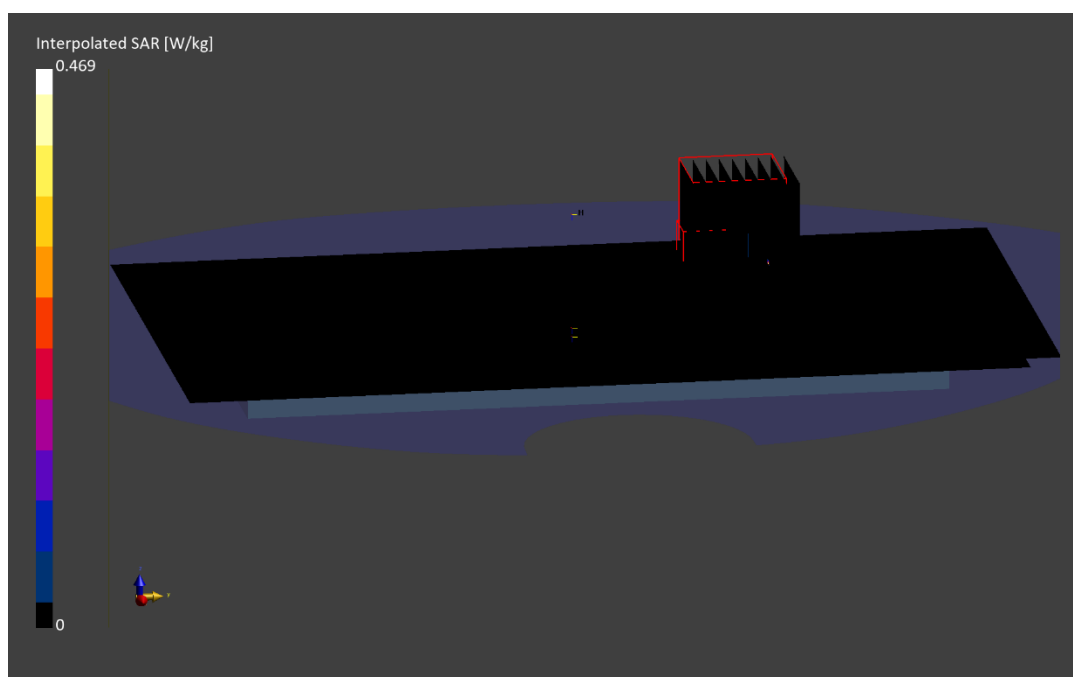
Reference Value = -0.01 W/kg; Power Drift = 0.09

Peak SAR (extrapolated) = 0.469W/kg

SAR(10 g) = 0.002 W/kg; APD(4cm²) = 0.051 W/m²

Smallest distance from peaks to all points 3 dB below is 1.2 mm

Ratio of SAR at M2 to SAR at M1 = n/a %



ELEMENT

DUT: A3LSMS928JPN; Type: Portable Handset; Serial: 1663M

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

Medium: 30 Head; Medium parameters used:

$f = 13.6$ MHz; $\text{cond} = 0.748$ S/m; $\text{perm} = 53.3$; $\text{density} = 1000$ kg/m³

Phantom Section: Flat; Space: 0.00 mm

Test Date: 12/22/2023; Ambient Temp: 20.2°C; Tissue Temp: 20.2°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 (20deg probe tilt); Serial: 2077

Measurement SW: DASY Module SAR V16.2.0.1425

Mode: NFC, Antenna NFC, Exp: Phablet| 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: $dx=3.8$ mm, $dy=3.8$ mm, $dz=1.4$ mm; Graded Ratio: 1.4

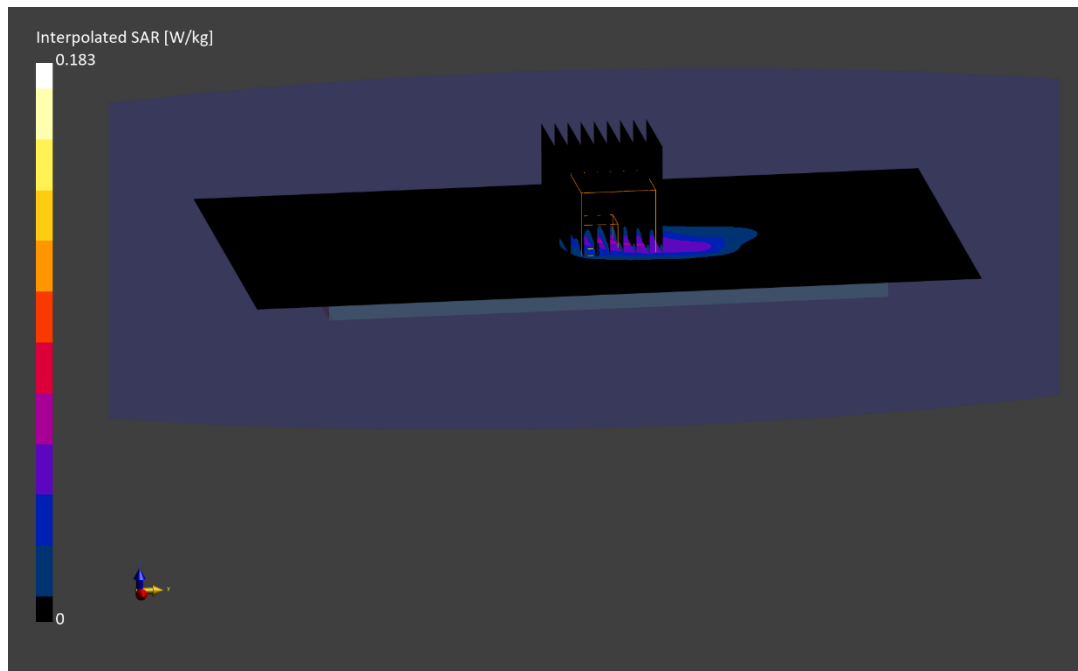
Reference Value = 0.00 W/kg; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 0.183 W/kg

SAR(10 g) = 0.012 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 = 49.9 %



Element

Date: 01/16/2024
Ant H; Channel 151; 802.11ax

Device Under Test Properties

DUT	Serial Number	DUT Type
A3LSMS928U	WL61663M	Phone

Exposure Conditions

Phantom Section	Position	Test Distance [mm]	Band	Frequency [MHz]
5G	EDGE LEFT	2.00	U-NII-7	6705.0

Hardware Setup

Probe, Calibration Date	DAE, Calibration Date
EUmmWV4 - SN9622_F1-55GHz, 2023-02-15	DAE4 Sn1415, 2023-02-15

Software Setup

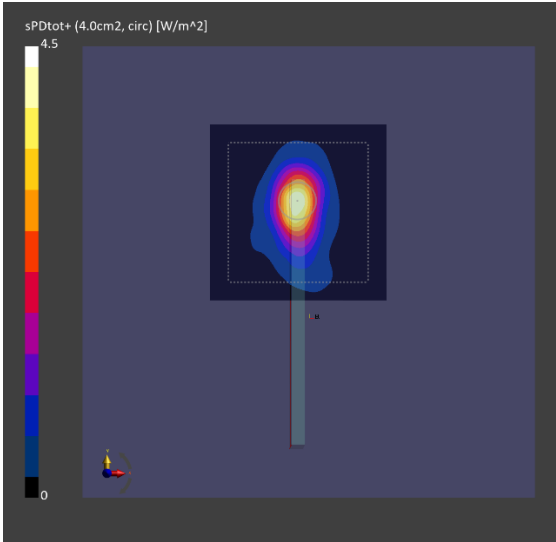
Software	Software Version
cDasy6 Module mmWave	3.2.0.1840

Scans Setup

Scan Type	5G Scan
Grid Extents [mm]	100.0 x 100.0
Grid Steps [lambda]	0.125 x 0.125
Sensor Surface [mm]	2.0

Measurement Results

Scan Type	5G Scan
Avg. Area [cm²]	4.00
pS _{tot} avg [W/m²]	4.12
pS _n avg [W/m²]	2.85
E _{peak} [V/m]	81.8
Power Drift [dB]	0.02



Element

Date: 02/01/2024
Antenna 1, Channel 9, CW

Device Under Test Properties

DUT	Serial Number	DUT Type
A3LSMS928JPN	WL61662M	Phone

Exposure Conditions

Phantom Section	Position	Test Distance [mm]	Channel	Group	Frequency [MHz]
5G	BACK	2.00	5	CW	7987.20

Hardware Setup

Probe, Calibration Date	DAE, Calibration Date
EUmmWV3 – SN9389_F1–55GHz, 2024–01–05	DAE4 Sn1415, 2023–02–15

Software Setup

Software	Version
cDASY6 Module mmWave	3.2.0.1840

Scans Setup

Scan Type	5G Scan
Grid Extents [mm]	100.0 x 100.0
Grid Steps [lambda]	0.125 x 0.125
Sensor Surface [mm]	2.0

Measurement Results

Scan Type	5G Scan
Avg. Area [cm²]	4.00
pS _{tot} avg [W/m²]	0.302
pS _n avg [W/m²]	0.283
E _{peak} [V/m]	13.0
Power Drift [dB]	0.0

