

**APPENDIX A: SAR TEST PLOTS**

# ELEMENT

**DUT: A3LSMA356E; Type: Portable Handset; Serial: 1029M**

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

Medium: 835 Head; Medium parameters used:

$f = 848.8$  MHz;  $\text{cond} = 0.943$  S/m;  $\text{perm} = 41.3$ ;  $\text{density} = 1000$  kg/m<sup>3</sup>

Phantom Section: RightHead; Space: 0.00 mm

Test Date: 11/13/2023; Ambient Temp: 21.5°C; Tissue Temp: 20.8°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 A, Exp: Head| Right 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

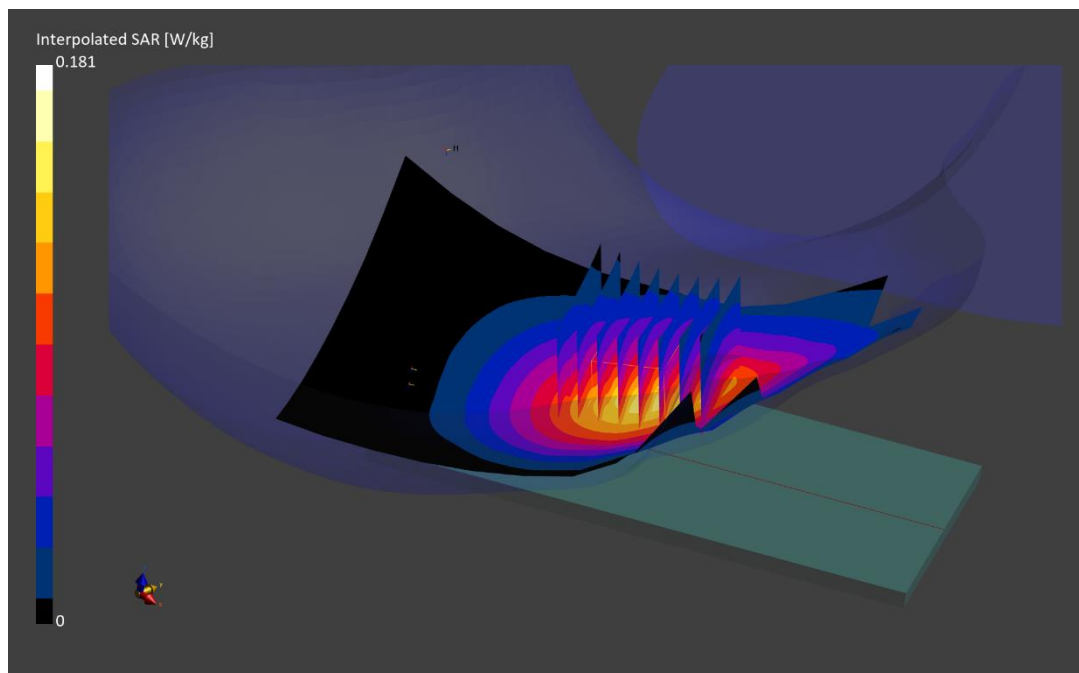
Reference Value = 0.12 W/kg; Power Drift = -0.17 dB

Peak SAR (extrapolated) = 0.181 W/kg

**SAR(1 g) = 0.136 W/kg**

Smallest distance from peaks to all points 3 dB below is 24.1 mm

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



# ELEMENT

**DUT: A3LSMA356E; Type: Portable Handset; Serial: 1029M**

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

Medium: 835 Head; Medium parameters used:

f = 848.8 MHz; cond = 0.943 S/m; perm = 41.3; density = 1000 kg/m<sup>3</sup>

Phantom Section: Flat; Space: 10.00 mm

Test Date: 11/13/2023; Ambient Temp: 21.5°C; Tissue Temp: 20.8°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 A, 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

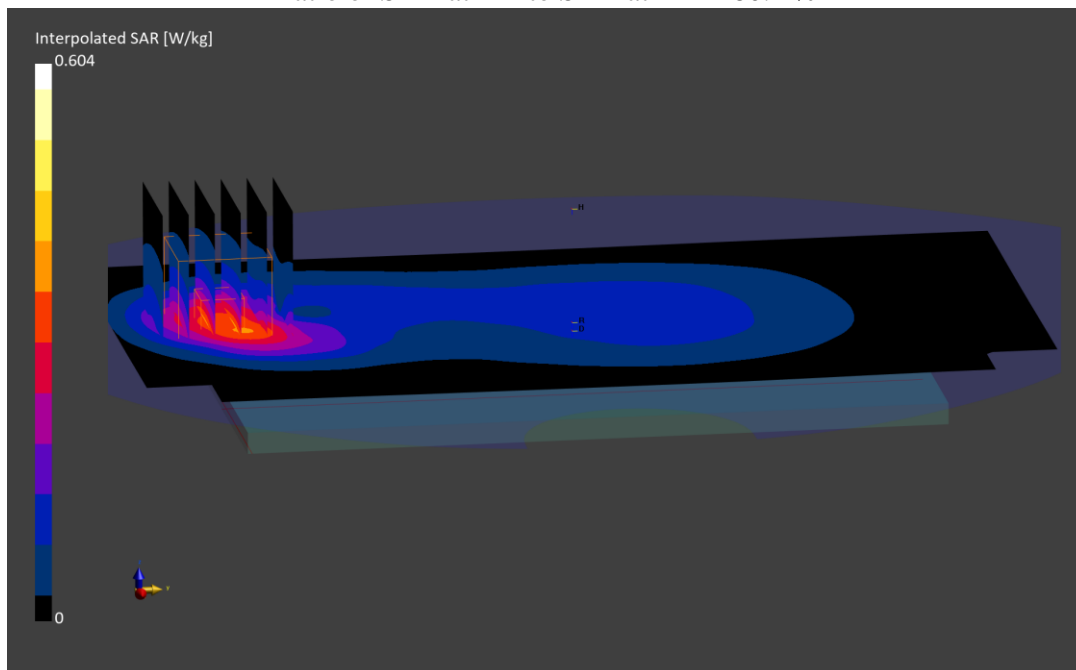
Reference Value = 0.24 W/kg; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.604 W/kg

**SAR(1 g) = 0.320 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 = 80.1 %



# ELEMENT

**DUT: A3LSMA356E; Type: Portable Handset; Serial: 1029M**

Communication System: UID:10028 - DAC, GSM; MAIA: Y; Frequency: 848.8 MHz

Medium: 835 Head; Medium parameters used:

f = 848.8 MHz; cond = 0.943 S/m; perm = 41.3; density = 1000 kg/m<sup>3</sup>

Phantom Section: Flat; Space: 10.00 mm

Test Date: 11/13/2023; Ambient Temp: 21.5°C; Tissue Temp: 20.8°C

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

Sensor-Surface: 1.4mm (All points)

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 A, Exp: Hotspot| Back Side, Ch. High, 4 Tx Slots**

**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

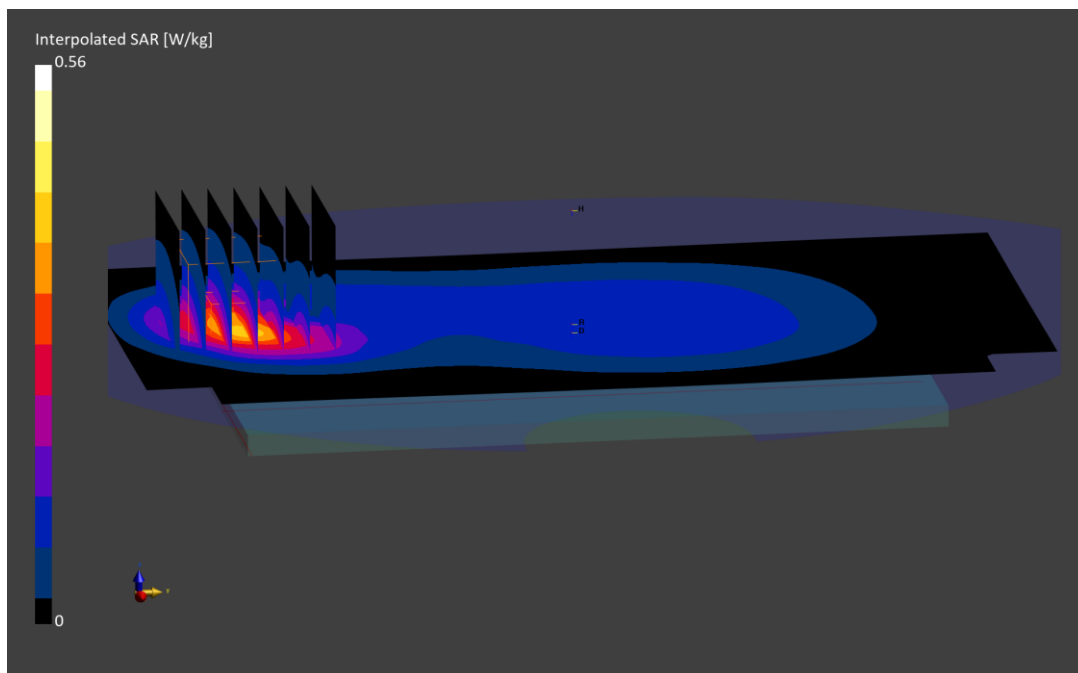
Reference Value = 0.23 W/kg; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.561 W/kg

**SAR(1 g) = 0.307 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 = 81.3 %



# ELEMENT

**DUT: A3LSMA356E; Type: Portable Handset; Serial: 1164M**

Communication System: UID:10021 - DAC, GSM; MAIA: Y; Frequency: 1850.2 MHz

Medium: 1900 Head; Medium parameters used:

f = 1850.2 MHz; cond = 1.34 S/m; perm = 40.3; density = 1000 kg/m<sup>3</sup>

Phantom Section: RightHead; Space: 0.00 mm

Test Date: 01/02/2024; Ambient Temp: 19.0°C; Tissue Temp: 19.0°C

Probe: EX3DV4 - SN7659; ConvF:(9.09,9.09,9.09); Calibrated: 2023-04-14

Sensor-Surface: 1.4mm (All points)

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

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

Measurement SW: DASY Module SAR V16.2.0.1425

**Mode: GSM 1900, Antenna B, Exp: Head| Right Cheek, Ch. Low**

**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

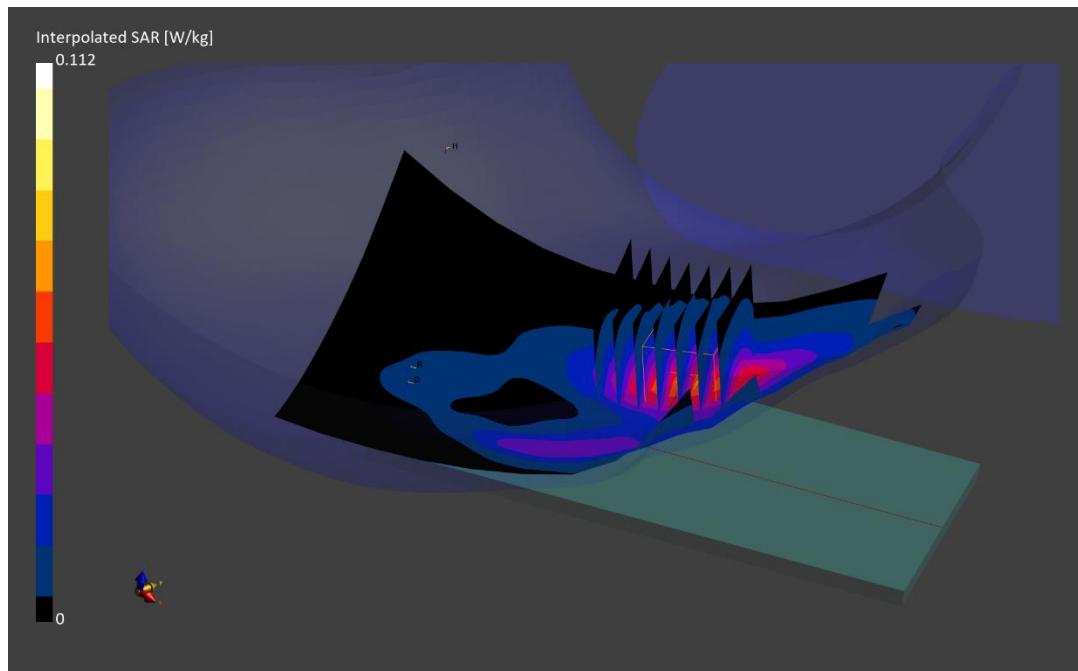
Reference Value = 0.05 W/kg; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 0.112 W/kg

**SAR(1 g) = 0.064 W/kg**

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

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



# ELEMENT

**DUT: A3LSMA356E; Type: Portable Handset; Serial: 1131M**

Communication System: UID:10021 - DAC, GSM; MAIA: Y; Frequency: 1850.2 MHz

Medium: 1900 Head; Medium parameters used:

f = 1850.2 MHz; cond = 1.39 S/m; perm = 39.6; density = 1000 kg/m<sup>3</sup>

Phantom Section: Flat; Space: 10.00 mm

Test Date: 11/30/2023; Ambient Temp: 19.8°C; Tissue Temp: 19.7°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; Serial: 1797

Measurement SW: DASY Module SAR V16.2.0.1425

**Mode: GSM 1900, Antenna B, Exp: Body-worn| Back Side, Ch. Low**

**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

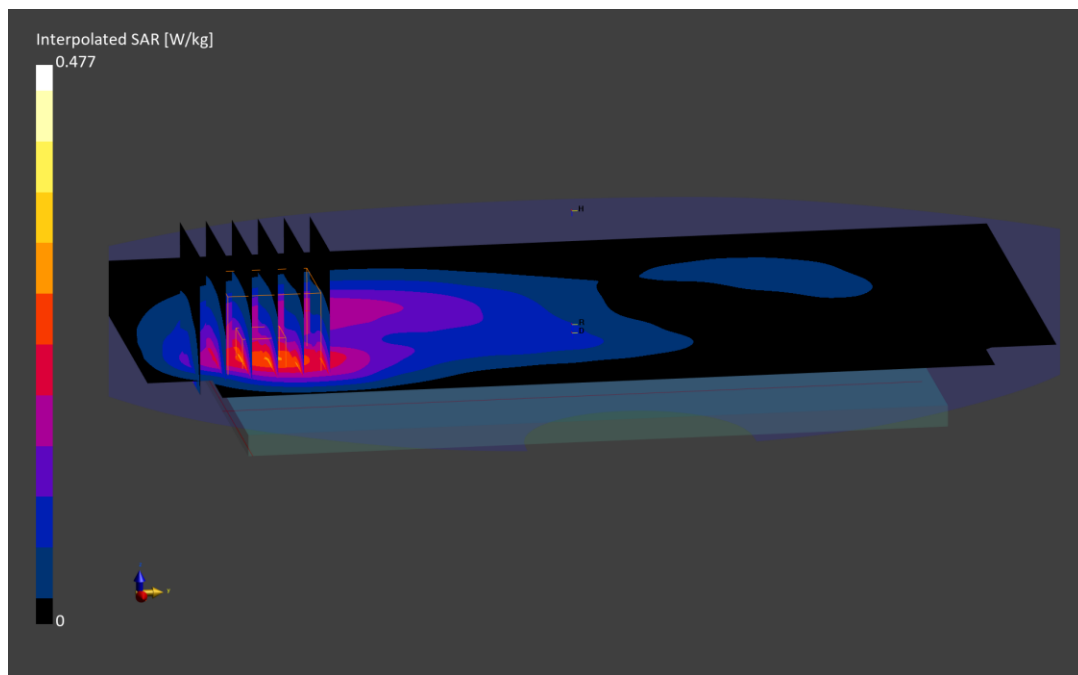
Reference Value = 0.19 W/kg; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 0.477 W/kg

**SAR(1 g) = 0.252 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 = 81.7 %



# ELEMENT

**DUT: A3LSMA356E; Type: Portable Handset; Serial: 1131M**

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

Medium: 1900 Head; Medium parameters used:

f = 1909.8 MHz; cond = 1.43 S/m; perm = 39.6; density = 1000 kg/m<sup>3</sup>

Phantom Section: Flat; Space: 10.00 mm

Test Date: 11/30/2023; Ambient Temp: 19.8°C; Tissue Temp: 19.7°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; Serial: 1797

Measurement SW: DASY Module SAR V16.2.0.1425

**Mode: GPRS 1900, Antenna B, Exp: Hotspot| Back Side, Ch. High, 4 Tx Slots**

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

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

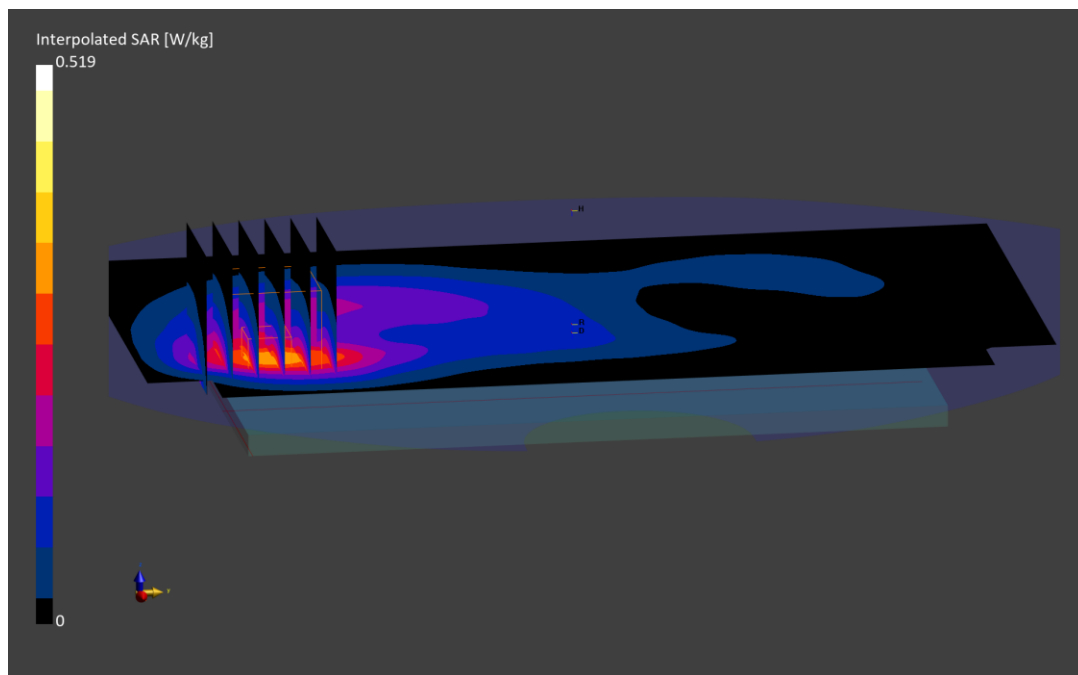
Reference Value = 0.22 W/kg; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 0.519 W/kg

**SAR(1 g) = 0.272 W/kg**

Smallest distance from peaks to all points 3 dB below is 10.4 mm

Ratio of SAR at M2 to SAR at M1 = 82.1 %



# ELEMENT

**DUT: A3LSMA356E; Type: Portable Handset; Serial: 1029M**

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

Medium: 835 Head; Medium parameters used:

f = 836.6 MHz; cond = 0.938 S/m; perm = 41.3; density = 1000 kg/m<sup>3</sup>

Phantom Section: RightHead; Space: 0.00 mm

Test Date: 11/13/2023; Ambient Temp: 21.5°C; Tissue Temp: 20.8°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: UMTS 850, Antenna A, Exp: Head| Right 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

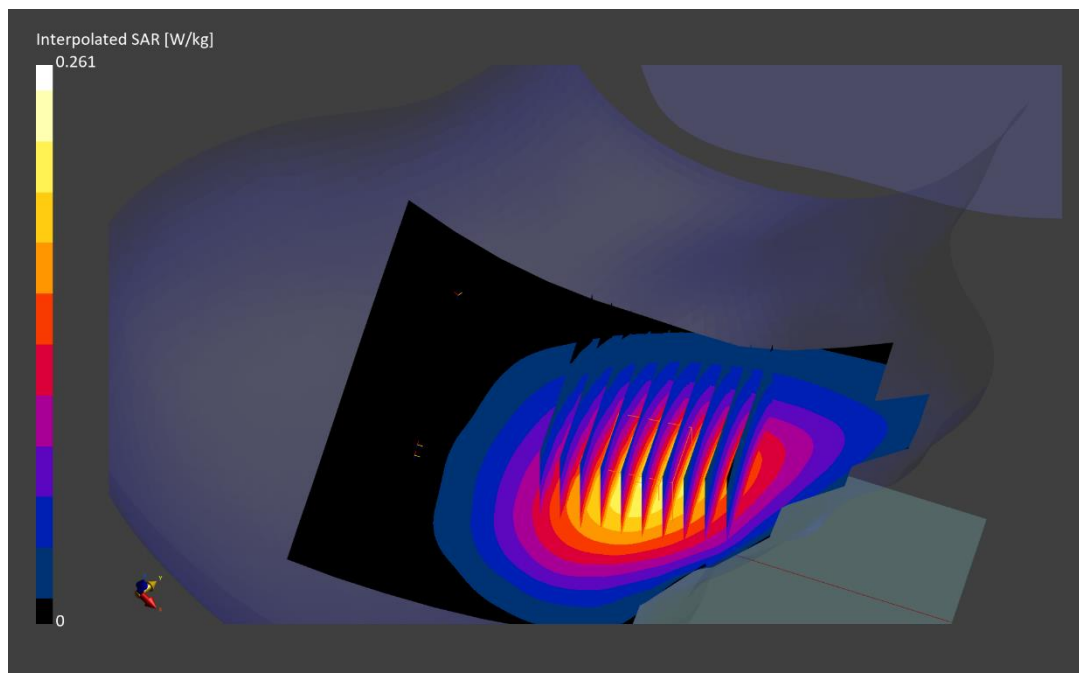
Reference Value = 0.18 W/kg; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 0.261 W/kg

**SAR(1 g) = 0.199 W/kg**

Smallest distance from peaks to all points 3 dB below is 23.6 mm

Ratio of SAR at M2 to SAR at M1 = 92.6 %





# ELEMENT

**DUT: A3LSMA356E; Type: Portable Handset; Serial: 1029M**

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

Medium: 835 Head; Medium parameters used:

f = 836.6 MHz; cond = 0.926 S/m; perm = 40.7; density = 1000 kg/m<sup>3</sup>

Phantom Section: Flat; Space: 10.00 mm

Test Date: 11/15/2023; Ambient Temp: 21.5°C; Tissue Temp: 21.5°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: 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

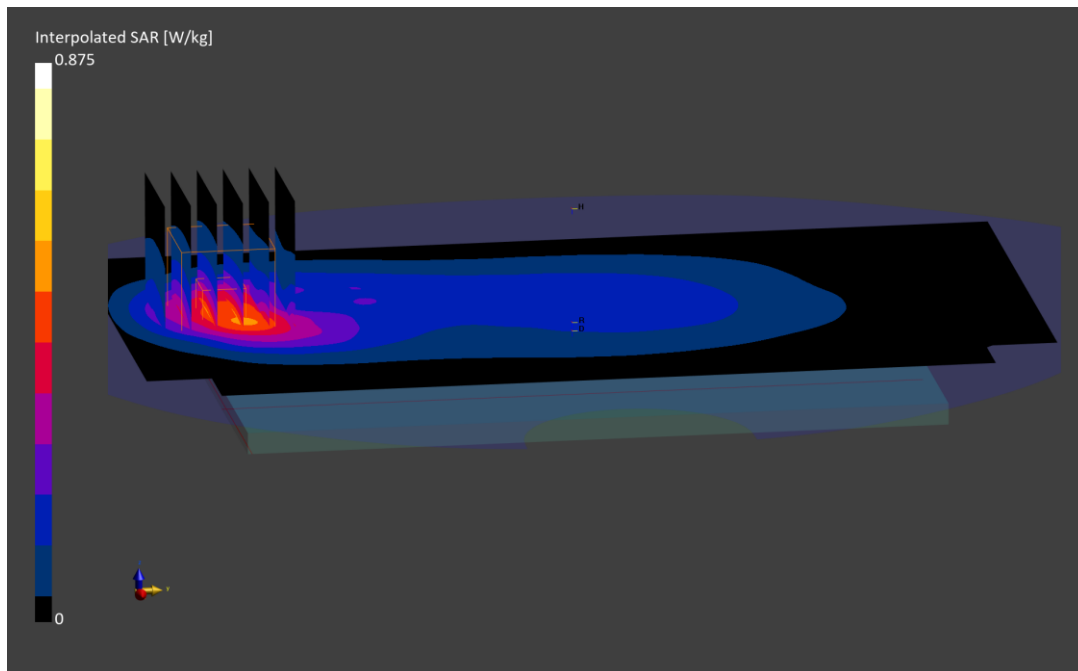
Reference Value = 0.36 W/kg; Power Drift = 0.00 dB

Peak SAR (extrapolated) = 0.875 W/kg

**SAR(1 g) = 0.458 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 = 80.6 %



# ELEMENT

**DUT: A3LSMA356E; Type: Portable Handset; Serial: 1164M**

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

Medium: 1750 Head; Medium parameters used:

f = 1712.4 MHz; cond = 1.39 S/m; perm = 38.6; density = 1000 kg/m<sup>3</sup>

Phantom Section: RightHead; Space: 0.00 mm

Test Date: 12/11/2023; Ambient Temp: 19.1°C; Tissue Temp: 20.0°C

Probe: EX3DV4 - SN7417; ConvF:(8.32,8.32,8.32); 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: UMTS 1750, Antenna B, Exp: Head| Right Cheek, Ch. Low**

**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

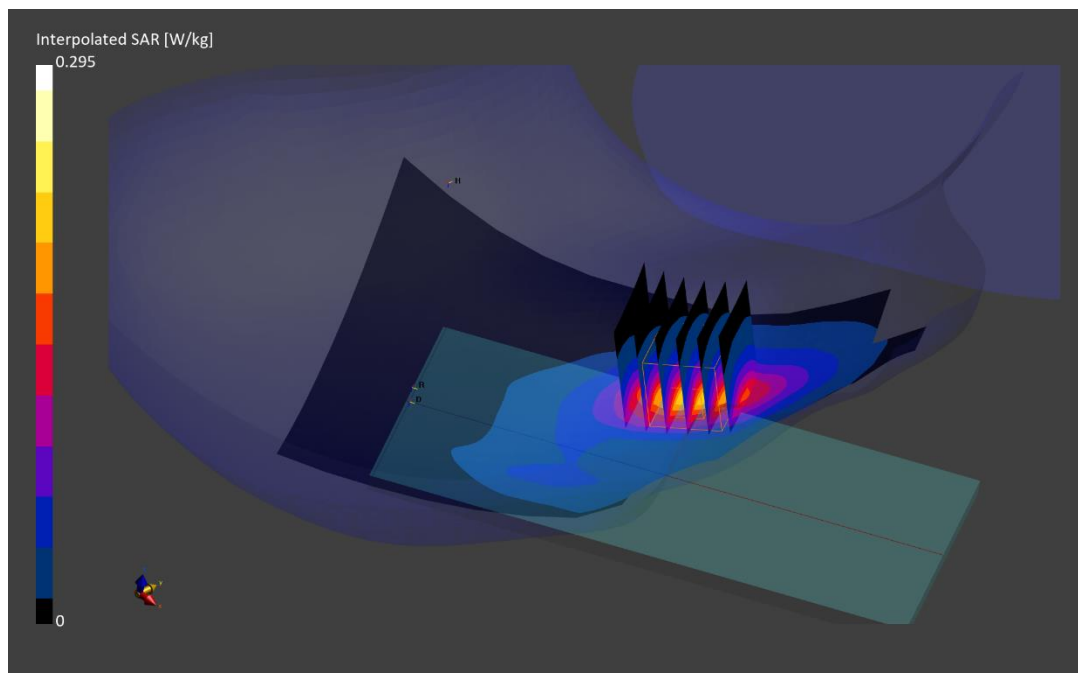
Reference Value = 0.19 W/kg; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 0.295 W/kg

**SAR(1 g) = 0.179 W/kg**

Smallest distance from peaks to all points 3 dB below is 10.7 mm

Ratio of SAR at M2 to SAR at M1 = 84.8 %



# ELEMENT

**DUT: A3LSMA356E; Type: Portable Handset; Serial: 1242M**

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

Medium: 1750 Head; Medium parameters used:

f = 1712.4 MHz; cond = 1.30 S/m; perm = 38.2; density = 1000 kg/m<sup>3</sup>

Phantom Section: Flat; Space: 10.00 mm

Test Date: 11/20/2023; Ambient Temp: 20.1°C; Tissue Temp: 19.9°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; Serial: 1797

Measurement SW: DASY Module SAR V16.2.0.1425

**Mode: UMTS 1750, Antenna B, Exp: Body-worn | Back Side, Ch. Low**

**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

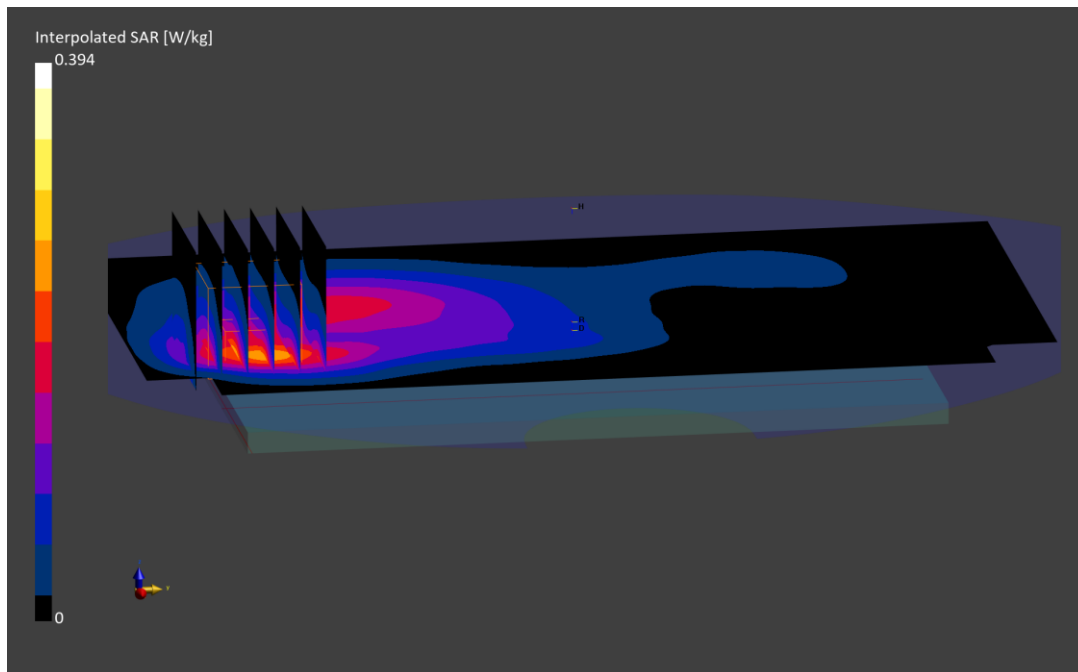
Reference Value = 0.17 W/kg; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 0.394 W/kg

**SAR(1 g) = 0.208 W/kg**

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

Ratio of SAR at M2 to SAR at M1 = 82.3 %



# ELEMENT

**DUT: A3LSMA356E; Type: Portable Handset; Serial: 1242M**

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

Medium: 1750 Head; Medium parameters used:

f = 1712.4 MHz; cond = 1.30 S/m; perm = 38.2; density = 1000 kg/m<sup>3</sup>

Phantom Section: Flat; Space: 10.00 mm

Test Date: 11/20/2023; Ambient Temp: 20.1°C; Tissue Temp: 19.9°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; Serial: 1797

Measurement SW: DASY Module SAR V16.2.0.1425

**Mode: UMTS 1750, Antenna B, Exp: Hotspot| Bottom Edge, Ch. Low**

**Area Scan (60.0 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

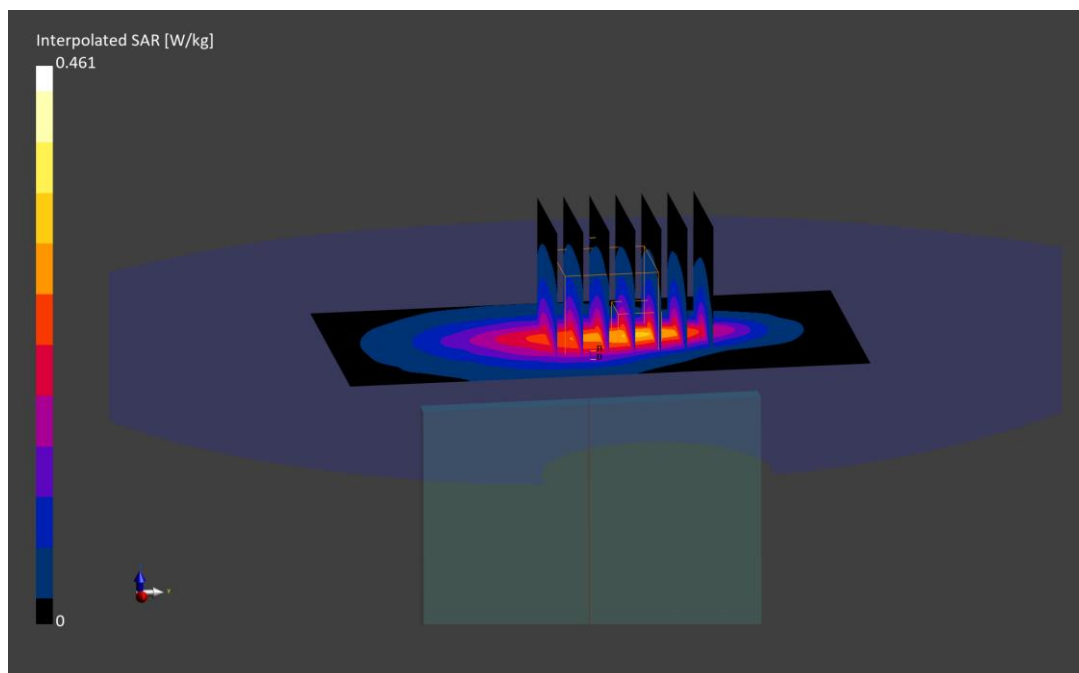
Reference Value = 0.21 W/kg; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.461 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 = 83.3 %



# ELEMENT

**DUT: A3LSMA356E; Type: Portable Handset; Serial: 1164M**

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

Medium: 1900 Head; Medium parameters used:

f = 1880.0 MHz; cond = 1.35 S/m; perm = 40.3; density = 1000 kg/m<sup>3</sup>

Phantom Section: RightHead; Space: 0.00 mm

Test Date: 01/02/2024; Ambient Temp: 19.0°C; Tissue Temp: 19.0°C

Probe: EX3DV4 - SN7659; ConvF:(9.09,9.09,9.09); Calibrated: 2023-04-14

Sensor-Surface: 1.4mm (All points)

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

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

Measurement SW: DASY Module SAR V16.2.0.1425

**Mode: UMTS 1900, Antenna B, Exp: Head| Right Cheek, Ch. Mid**

**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

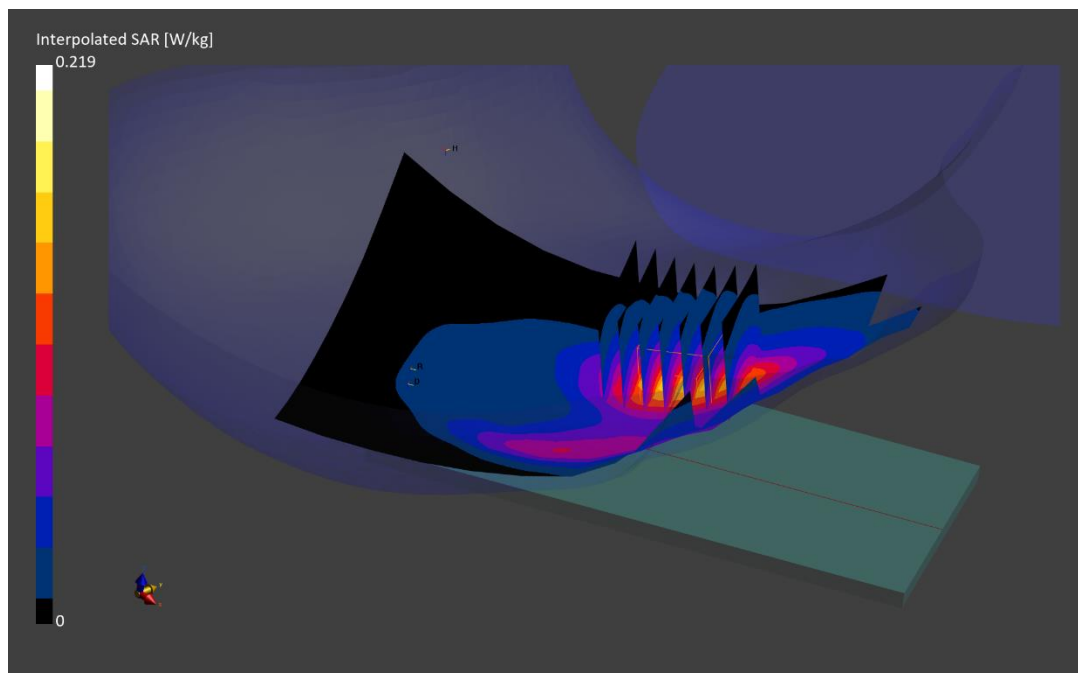
Reference Value = 0.14 W/kg; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 0.219 W/kg

**SAR(1 g) = 0.140 W/kg**

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

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



# ELEMENT

**DUT: A3LSMA356E; Type: Portable Handset; Serial: 1131M**

Communication System: UID:10011 - CAB, WCDMA; MAIA: Y; Frequency: 1852.4 MHz

Medium: 1900 Head; Medium parameters used:

f = 1852.4 MHz; cond = 1.40 S/m; perm = 38.8; density = 1000 kg/m<sup>3</sup>

Phantom Section: Flat; Space: 10.00 mm

Test Date: 11/20/2023; Ambient Temp: 22.5°C; Tissue Temp: 22.7°C

Probe: EX3DV4 - SN7565; ConvF:(7.89,7.89,7.89); Calibrated: 2023-01-12

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

Electronics: DAE4 Sn1466; Calibrated: 2023-01-20

Phantom: Twin-SAM V8.0; Serial: 1937

Measurement SW: DASY Module SAR V16.2.0.1425

**Mode: UMTS 1900, Antenna B, Exp: Body-worn/Hotspot| Back Side, Ch. Low**

**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

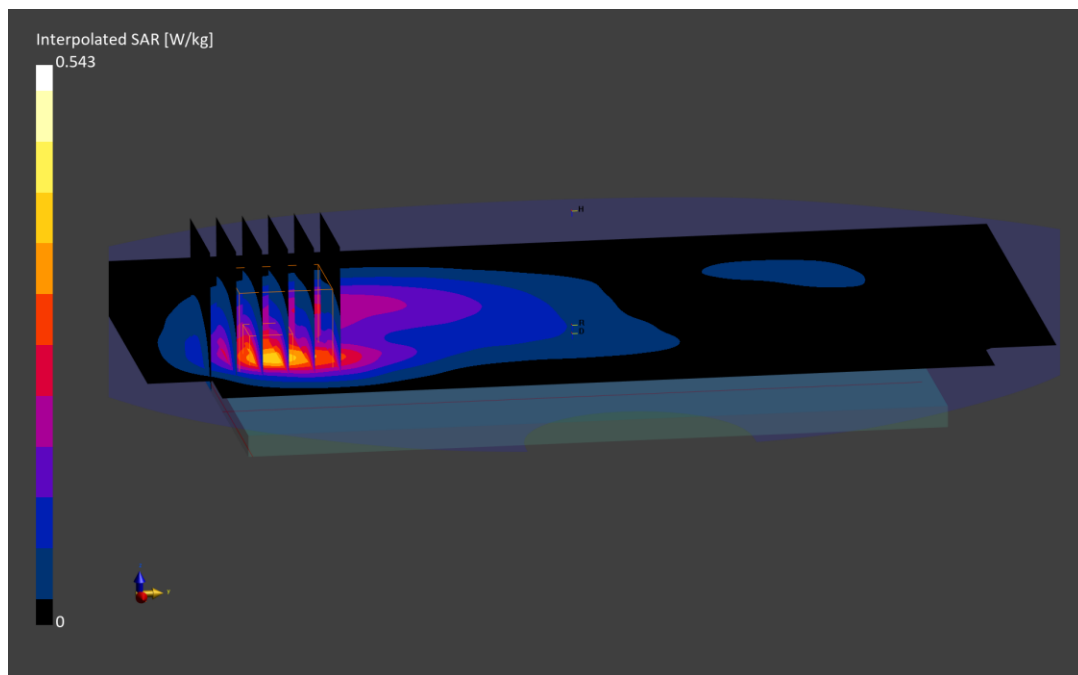
Reference Value = 0.26 W/kg; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 0.543 W/kg

**SAR(1 g) = 0.295 W/kg**

Smallest distance from peaks to all points 3 dB below is 9.4 mm

Ratio of SAR at M2 to SAR at M1 = 83.1 %



# ELEMENT

**DUT: A3LSMA356E; Type: Portable Handset; Serial: 1257M**

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

Medium: 750 Head; Medium parameters used:

f = 707.5 MHz; cond = 0.882 S/m; perm = 40.6; density = 1000 kg/m<sup>3</sup>

Phantom Section: RightHead; Space: 0.00 mm

Test Date: 11/08/2023; Ambient Temp: 23.1°C; Tissue Temp: 22.1°C

Probe: EX3DV4 - SN7565; ConvF:(9.58,9.58,9.58); Calibrated: 2023-01-12

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

Electronics: DAE4 Sn1466; Calibrated: 2023-01-20

Phantom: Twin-SAM V8.0; Serial: 1937

Measurement SW: DASY Module SAR V16.2.0.1425

**Mode: LTE Band 12, Antenna A, Exp: Head| Right Cheek, 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

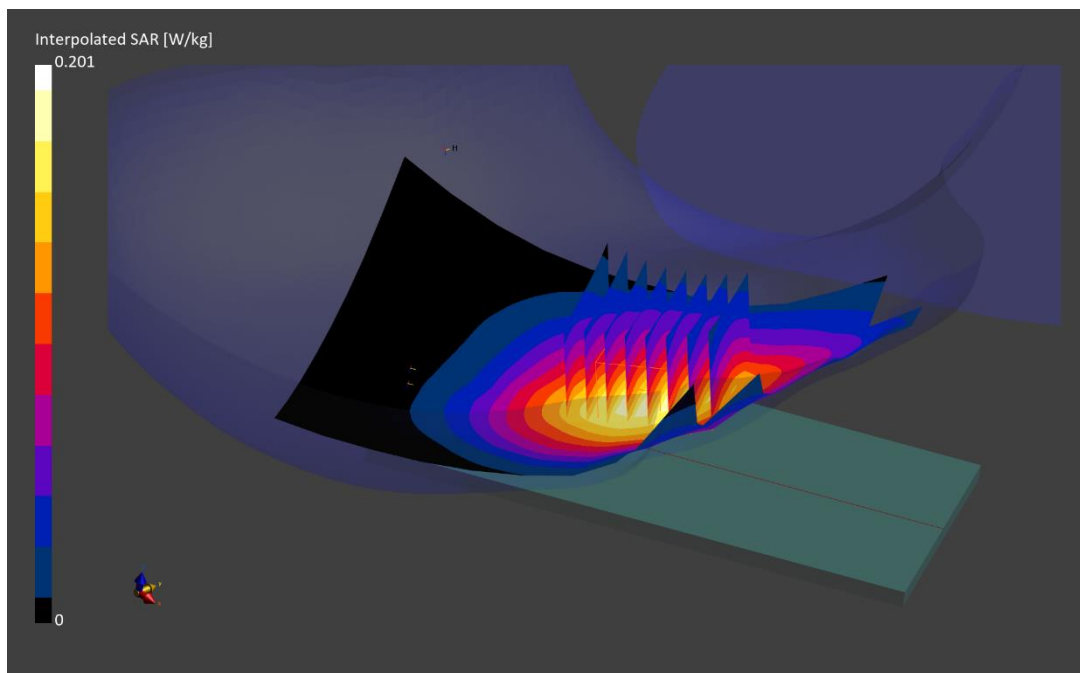
Reference Value = 0.15 W/kg; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 0.200 W/kg

**SAR(1 g) = 0.161 W/kg**

Smallest distance from peaks to all points 3 dB below is 26.9 mm

Ratio of SAR at M2 to SAR at M1 = 94.2 %



# ELEMENT

**DUT: A3LSMA356E; Type: Portable Handset; Serial: 1257M**

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

Medium: 750 Head; Medium parameters used:

f = 707.5 MHz; cond = 0.882 S/m; perm = 40.6; density = 1000 kg/m<sup>3</sup>

Phantom Section: Flat; Space: 10.00 mm

Test Date: 11/08/2023; Ambient Temp: 23.1°C; Tissue Temp: 22.1°C

Probe: EX3DV4 - SN7565; ConvF:(9.58,9.58,9.58); Calibrated: 2023-01-12

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

Electronics: DAE4 Sn1466; Calibrated: 2023-01-20

Phantom: Twin-SAM V8.0; Serial: 1937

Measurement SW: DASY Module SAR V16.2.0.1425

**Mode: LTE Band 12, Antenna A, Exp: Body-worn | 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

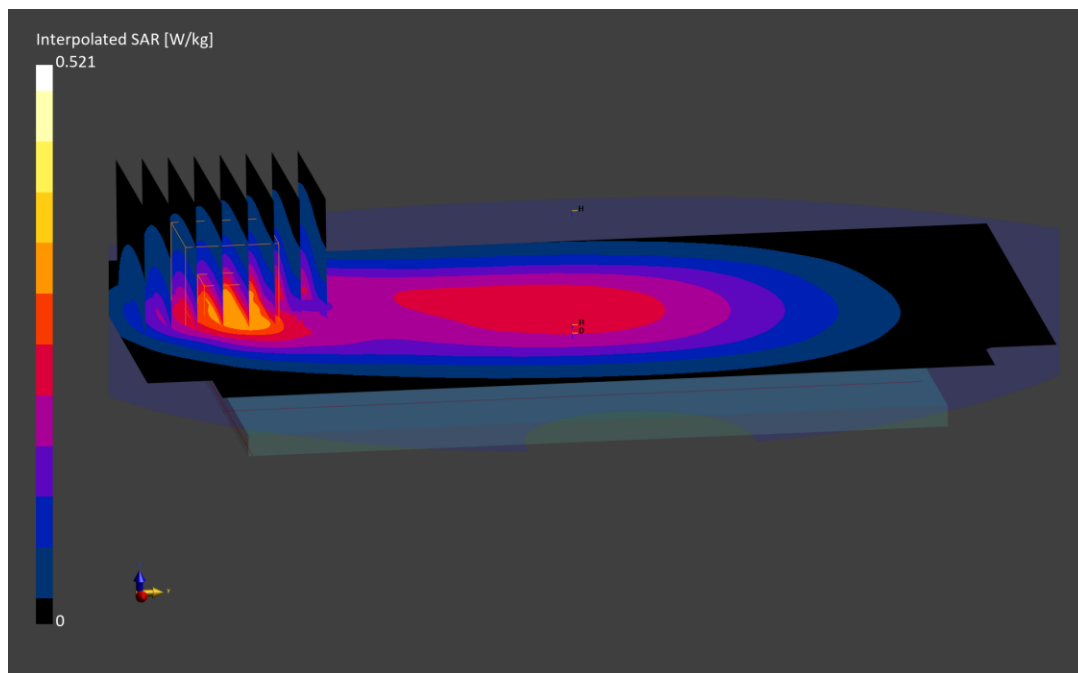
Reference Value = 0.25 W/kg; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 0.521 W/kg

**SAR(1 g) = 0.290 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 = 82.3 %





# ELEMENT

**DUT: A3LSMA356E; Type: Portable Handset; Serial: 1257M**

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

Medium: 750 Head; Medium parameters used:

f = 707.5 MHz; cond = 0.882 S/m; perm = 40.6; density = 1000 kg/m<sup>3</sup>

Phantom Section: Flat; Space: 10.00 mm

Test Date: 11/08/2023; Ambient Temp: 23.1°C; Tissue Temp: 22.1°C

Probe: EX3DV4 - SN7565; ConvF:(9.58,9.58,9.58); Calibrated: 2023-01-12

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

Electronics: DAE4 Sn1466; Calibrated: 2023-01-20

Phantom: Twin-SAM V8.0; Serial: 1937

Measurement SW: DASY Module SAR V16.2.0.1425

**Mode: LTE Band 12, Antenna A, Exp: Hotspot| Right Edge, Ch. Mid,  
10 MHz Bandwidth, QPSK, 1 RB, 0 RB Offset**

**Area Scan (60.0 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

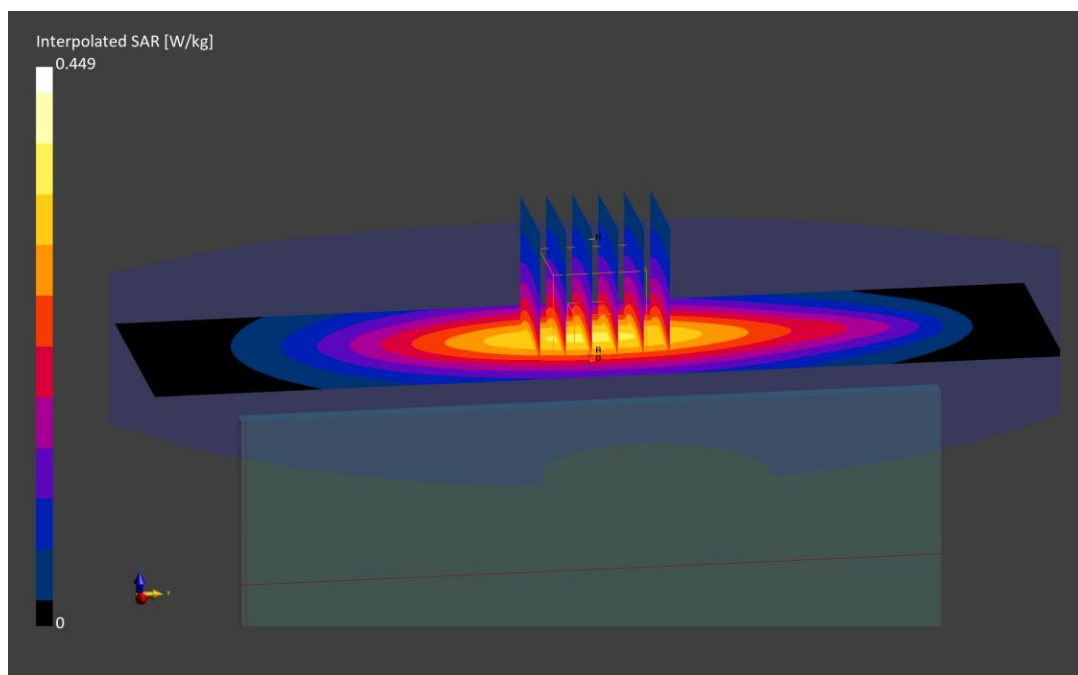
Reference Value = 0.28 W/kg; Power Drift = 0.00 dB

Peak SAR (extrapolated) = 0.449 W/kg

**SAR(1 g) = 0.309 W/kg**

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

Ratio of SAR at M2 to SAR at M1 = 88.3 %



# ELEMENT

**DUT: A3LSMA356E; Type: Portable Handset; Serial: 1257M**

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

Medium: 750 Head; Medium parameters used:

f = 782.0 MHz; cond = 0.907 S/m; perm = 40.4; density = 1000 kg/m<sup>3</sup>

Phantom Section: RightHead; Space: 0.00 mm

Test Date: 11/08/2023; Ambient Temp: 23.1°C; Tissue Temp: 22.1°C

Probe: EX3DV4 - SN7565; ConvF:(9.58,9.58,9.58); Calibrated: 2023-01-12

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

Electronics: DAE4 Sn1466; Calibrated: 2023-01-20

Phantom: Twin-SAM V8.0; Serial: 1937

Measurement SW: DASY Module SAR V16.2.0.1425

**Mode: LTE Band 13, Antenna A, Exp: Head| Right Cheek, 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

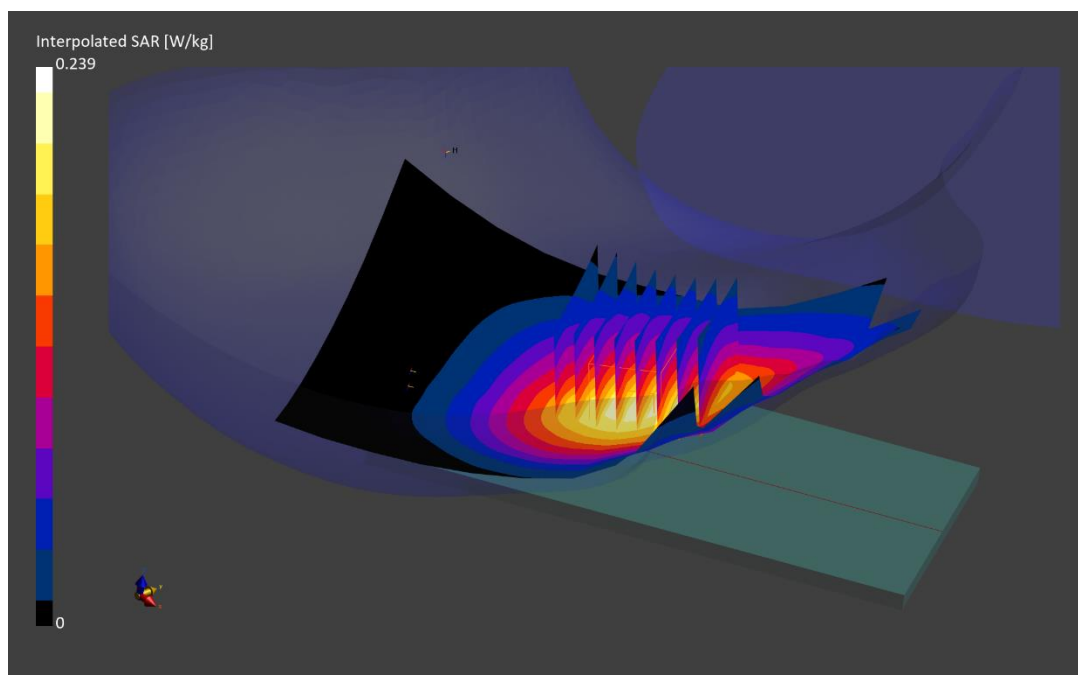
Reference Value = 0.18 W/kg; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 0.240 W/kg

**SAR(1 g) = 0.192 W/kg**

Smallest distance from peaks to all points 3 dB below is 25.8 mm

Ratio of SAR at M2 to SAR at M1 = 94.2 %



# ELEMENT

**DUT: A3LSMA356E; Type: Portable Handset; Serial: 1257M**

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

Medium: 750 Head; Medium parameters used:

f = 782.0 MHz; cond = 0.911 S/m; perm = 40.0; density = 1000 kg/m<sup>3</sup>

Phantom Section: Flat; Space: 10.00 mm

Test Date: 11/10/2023; Ambient Temp: 22.9°C; Tissue Temp: 22.5°C

Probe: EX3DV4 - SN7565; ConvF:(9.58,9.58,9.58); Calibrated: 2023-01-12

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

Electronics: DAE4 Sn1466; Calibrated: 2023-01-20

Phantom: Twin-SAM V8.0; Serial: 1937

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

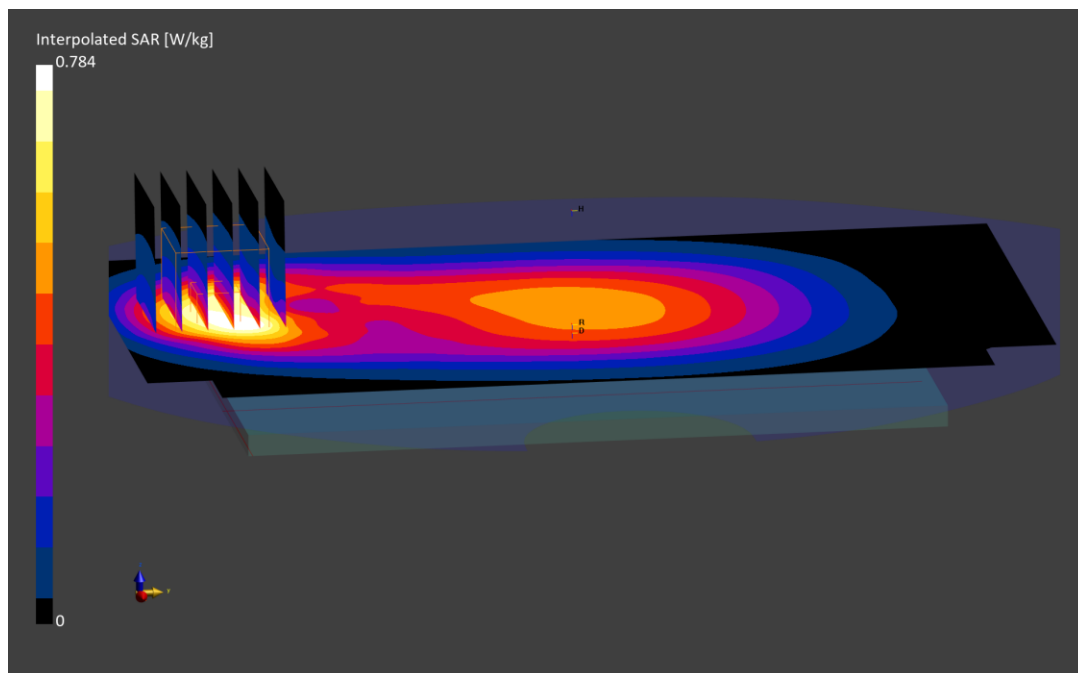
Reference Value = 0.38 W/kg; Power Drift = 0.09 dB

Peak SAR (extrapolated) = 0.784 W/kg

**SAR(1 g) = 0.438 W/kg**

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

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



# ELEMENT

**DUT: A3LSMA356E; Type: Portable Handset; Serial: 1190M**

Communication System: UID:10181 - CAE, LTE-FDD; MAIA: Y; Frequency: 831.5 MHz

Medium: 835 Head; Medium parameters used:

f = 831.5 MHz; cond = 0.931 S/m; perm = 41.0; density = 1000 kg/m<sup>3</sup>

Phantom Section: RightHead; Space: 0.00 mm

Test Date: 11/08/2023; Ambient Temp: 22.6°C; Tissue Temp: 21.4°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: LTE Band 26, Antenna A, Exp: Head| Right Cheek, Ch. Mid,  
15 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

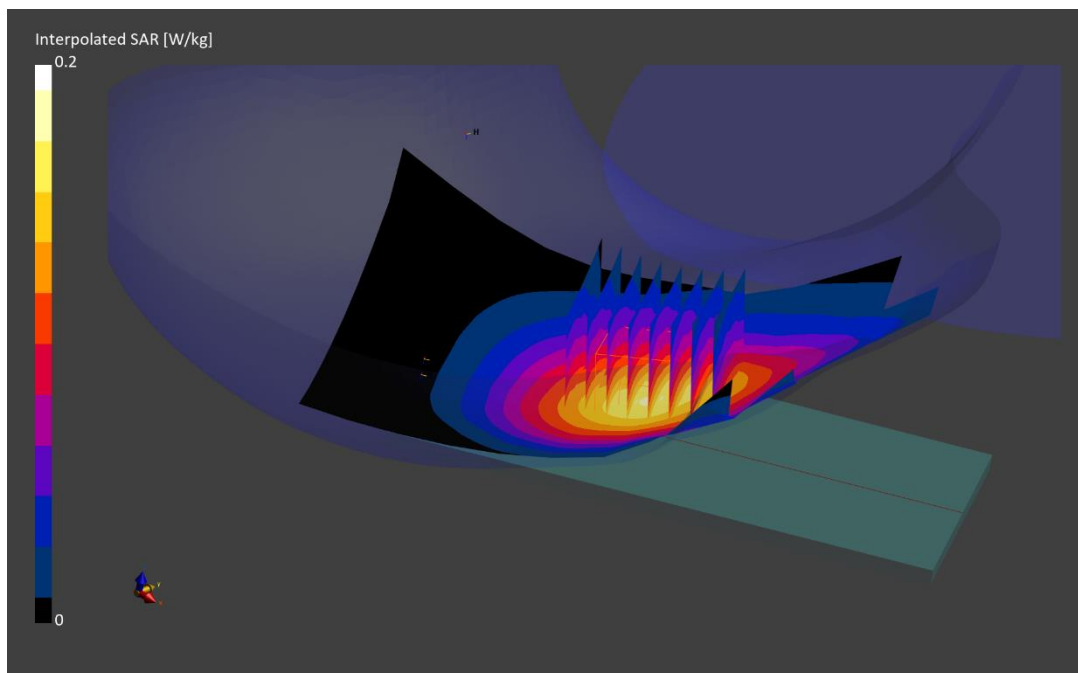
Reference Value = 0.15 W/kg; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 0.200 W/kg

**SAR(1 g) = 0.157 W/kg**

Smallest distance from peaks to all points 3 dB below is 29.0 mm

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



# ELEMENT

**DUT: A3LSMA356E; Type: Portable Handset; Serial: 1190M**

Communication System: UID:10181 - CAE, LTE-FDD; MAIA: Y; Frequency: 831.5 MHz  
Medium: 835 Head; Medium parameters used:  
f = 831.5 MHz; cond = 0.941 S/m; perm = 40.8; density = 1000 kg/m<sup>3</sup>  
Phantom Section: Flat; Space: 10.00 mm

Test Date: 11/10/2023; Ambient Temp: 22.1°C; Tissue Temp: 21.1°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: LTE Band 26, Antenna A, Exp: Body-worn/Hotspot| Back Side, Ch. Mid,  
15 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

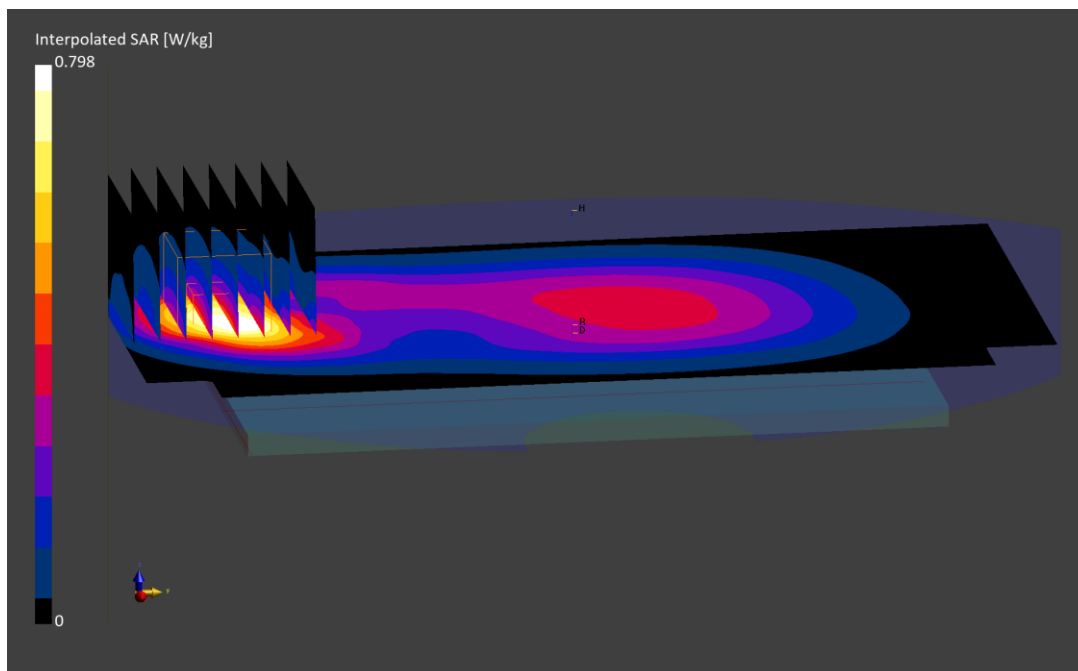
Reference Value = 0.37 W/kg; Power Drift = 0.00 dB

Peak SAR (extrapolated) = 0.798 W/kg

**SAR(1 g) = 0.409 W/kg**

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

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



# ELEMENT

**DUT: A3LSMA356E; Type: Portable Handset; Serial: 1131M**

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

Medium: 1750 Head; Medium parameters used:

f = 1745.0 MHz; cond = 1.34 S/m; perm = 38.9; density = 1000 kg/m<sup>3</sup>

Phantom Section: RightHead; Space: 0.00 mm

Test Date: 11/23/2023; Ambient Temp: 22.2°C; Tissue Temp: 22.2°C

Probe: EX3DV4 - SN7565; ConvF:(8.23,8.23,8.23); Calibrated: 2023-01-12

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

Electronics: DAE4 Sn1466; Calibrated: 2023-01-20

Phantom: Twin-SAM V8.0; Serial: 1937

Measurement SW: DASY Module SAR V16.2.0.1425

**Mode: LTE Band 66, Antenna F, Exp: Head| Right Tilt, Ch. Mid,  
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

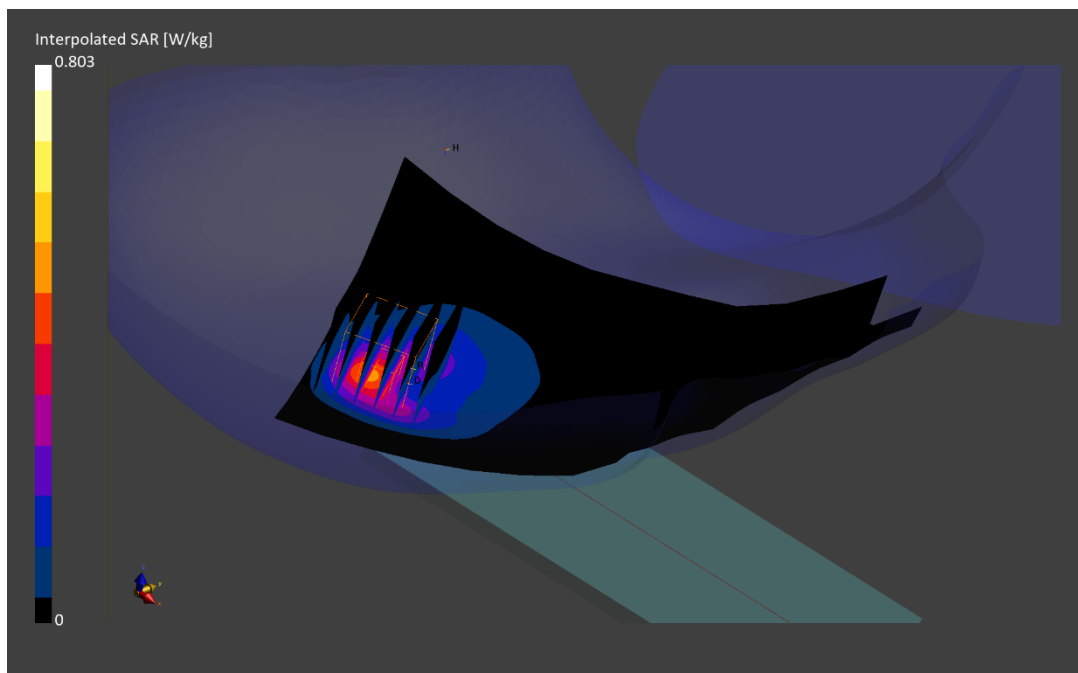
Reference Value = 0.30 W/kg; Power Drift = 0.00 dB

Peak SAR (extrapolated) = 0.803 W/kg

**SAR(1 g) = 0.418 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 = 85.9 %



# ELEMENT

**DUT: A3LSMA356E; Type: Portable Handset; Serial: 1190M**

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

Medium: 1750 Head; Medium parameters used:

f = 1720.0 MHz; cond = 1.33 S/m; perm = 38.6; density = 1000 kg/m<sup>3</sup>

Phantom Section: Flat; Space: 10.00 mm

Test Date: 11/23/2023; Ambient Temp: 22.1°C; Tissue Temp: 21.0°C

Probe: EX3DV4 - SN7640; ConvF:(9.23,9.23,9.23); Calibrated: 2023-02-10

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

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

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

Measurement SW: DASY Module SAR V16.2.0.1425

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

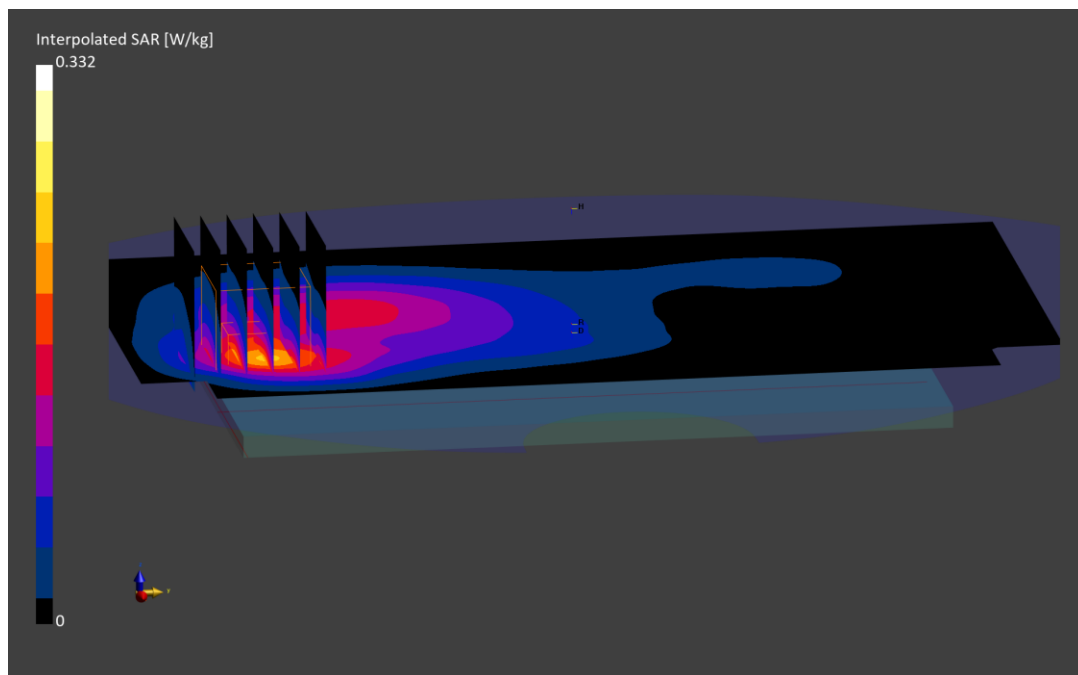
Reference Value = 0.14 W/kg; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 0.332 W/kg

**SAR(1 g) = 0.178 W/kg**

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

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



# ELEMENT

**DUT: A3LSMA356E; Type: Portable Handset; Serial: 1131M**

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

Medium: 1750 Head; Medium parameters used:

f = 1745.0 MHz; cond = 1.34 S/m; perm = 38.9; density = 1000 kg/m<sup>3</sup>

Phantom Section: Flat; Space: 10.00 mm

Test Date: 11/23/2023; Ambient Temp: 22.2°C; Tissue Temp: 22.2°C

Probe: EX3DV4 - SN7565; ConvF:(8.23,8.23,8.23); Calibrated: 2023-01-12

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

Electronics: DAE4 Sn1466; Calibrated: 2023-01-20

Phantom: Twin-SAM V8.0; Serial: 1937

Measurement SW: DASY Module SAR V16.2.0.1425

**Mode: LTE Band 66, Antenna F, Exp: Hotspot| Top Edge, Ch. Mid,  
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

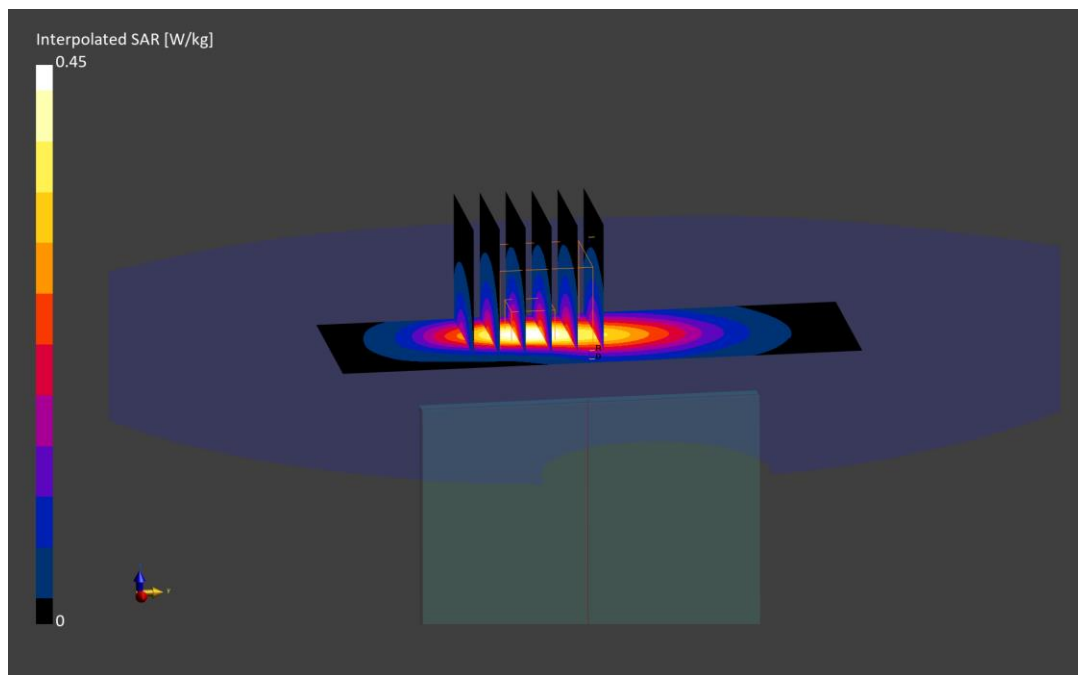
Reference Value = 0.23 W/kg; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 0.450 W/kg

**SAR(1 g) = 0.249 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 = 83.7 %





# ELEMENT

**DUT: A3LSMA356E; Type: Portable Handset; Serial: 1131M**

Communication System: UID:10169 - CAE, LTE-FDD; MAIA: Y; Frequency: 1860.0 MHz

Medium: 1900 Head; Medium parameters used:

f = 1860.0 MHz; cond = 1.41 S/m; perm = 38.7; density = 1000 kg/m<sup>3</sup>

Phantom Section: RightHead; Space: 0.00 mm

Test Date: 11/23/2023; Ambient Temp: 22.2°C; Tissue Temp: 22.2°C

Probe: EX3DV4 - SN7565; ConvF:(7.89,7.89,7.89); Calibrated: 2023-01-12

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

Electronics: DAE4 Sn1466; Calibrated: 2023-01-20

Phantom: Twin-SAM V8.0; Serial: 1937

Measurement SW: DASY Module SAR V16.2.0.1425

**Mode: LTE Band 25, Antenna F, Exp: Head| Right Cheek, Ch. Low,  
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

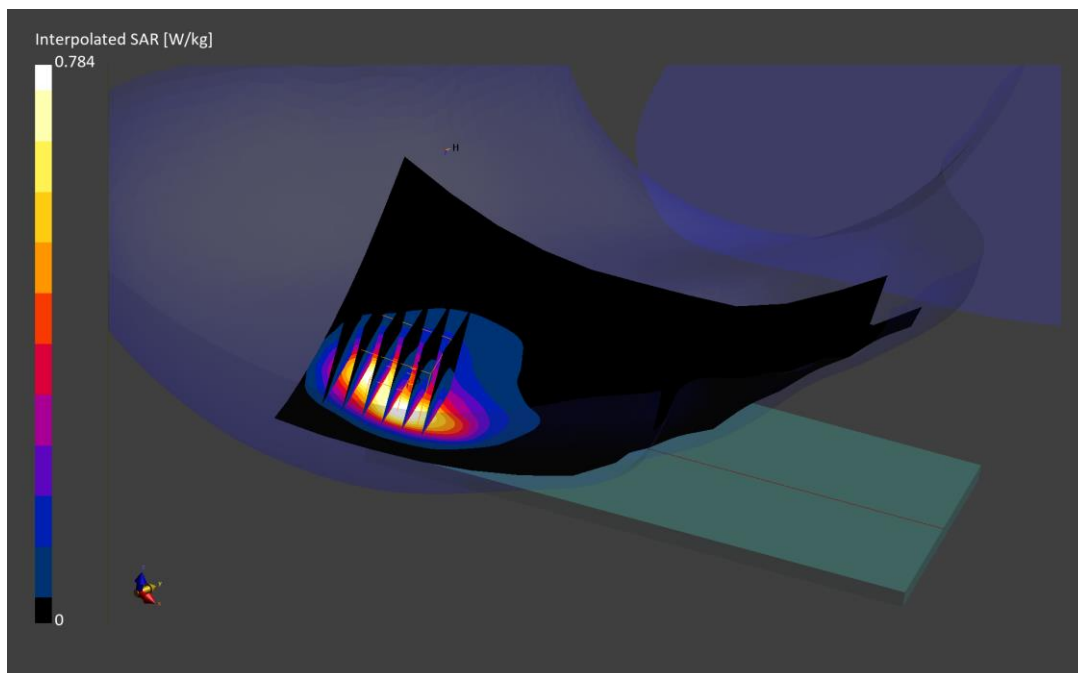
Reference Value = 0.31 W/kg; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 0.784 W/kg

**SAR(1 g) = 0.376 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 = 79.0 %



# ELEMENT

**DUT: A3LSMA356E; Type: Portable Handset; Serial: 1131M**

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

Medium: 1900 Head; Medium parameters used:

f = 1860.0 MHz; cond = 1.41 S/m; perm = 38.8; density = 1000 kg/m<sup>3</sup>

Phantom Section: Flat; Space: 10.00 mm

Test Date: 11/20/2023; Ambient Temp: 22.5°C; Tissue Temp: 22.7°C

Probe: EX3DV4 - SN7565; ConvF:(7.89,7.89,7.89); Calibrated: 2023-01-12

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

Electronics: DAE4 Sn1466; Calibrated: 2023-01-20

Phantom: Twin-SAM V8.0; Serial: 1937

Measurement SW: DASY Module SAR V16.2.0.1425

**Mode: LTE Band 25, Antenna B, Exp: Body-worn | Back Side, Ch. Low,  
20 MHz Bandwidth, QPSK, 50 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

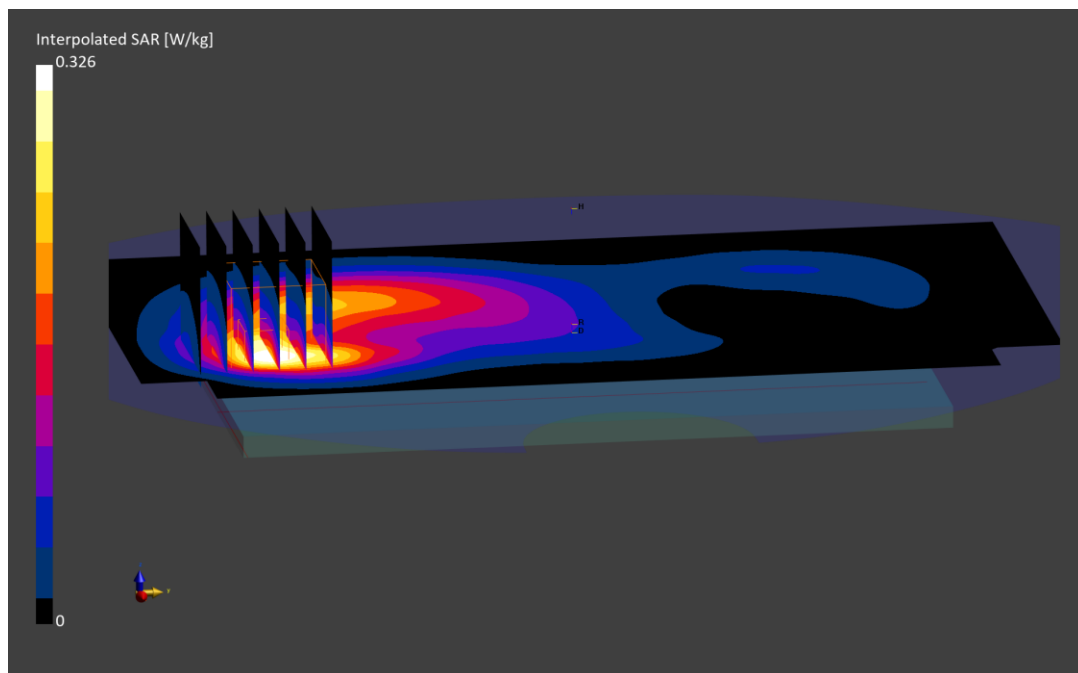
Reference Value = 0.16 W/kg; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.326 W/kg

**SAR(1 g) = 0.182 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 = 83.9 %



# ELEMENT

**DUT: A3LSMA356E; Type: Portable Handset; Serial: 1131M**

Communication System: UID:10169 - CAE, LTE-FDD; MAIA: Y; Frequency: 1860.0 MHz

Medium: 1900 Head; Medium parameters used:

f = 1860.0 MHz; cond = 1.41 S/m; perm = 38.7; density = 1000 kg/m<sup>3</sup>

Phantom Section: Flat; Space: 10.00 mm

Test Date: 11/23/2023; Ambient Temp: 22.2°C; Tissue Temp: 22.2°C

Probe: EX3DV4 - SN7565; ConvF:(7.89,7.89,7.89); Calibrated: 2023-01-12

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

Electronics: DAE4 Sn1466; Calibrated: 2023-01-20

Phantom: Twin-SAM V8.0; Serial: 1937

Measurement SW: DASY Module SAR V16.2.0.1425

**Mode: LTE Band 25, Antenna F, Exp: Hotspot| Top Edge, Ch. Low,  
20 MHz Bandwidth, QPSK, 1 RB, 0 RB Offset**

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

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

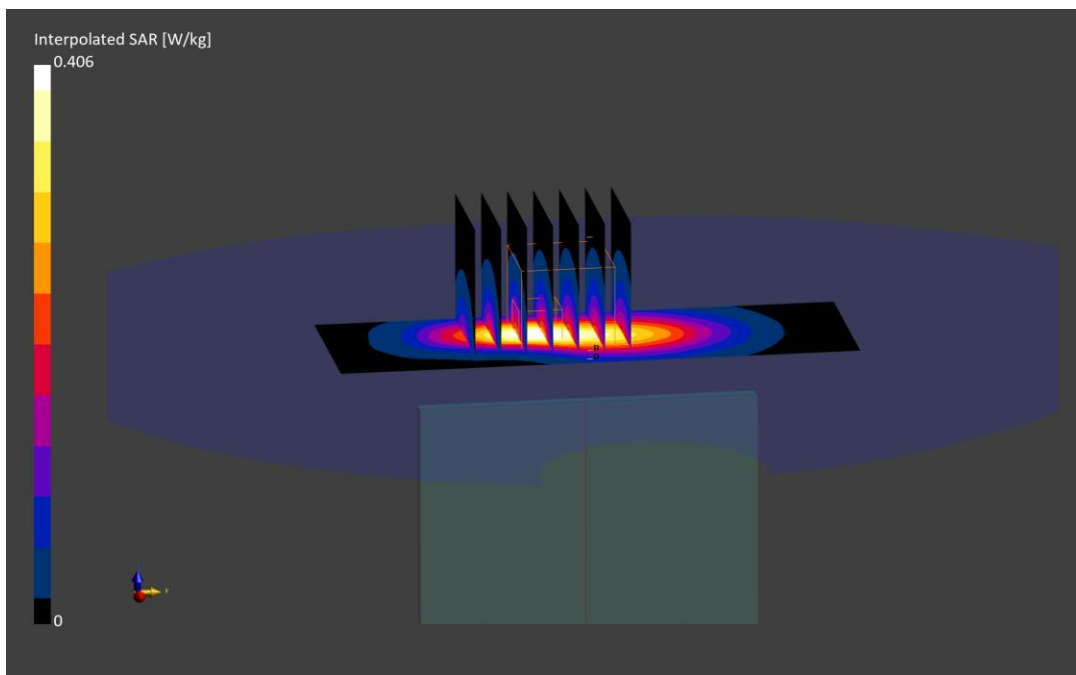
Reference Value = 0.20 W/kg; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.406 W/kg

**SAR(1 g) = 0.220 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 = 82.9 %



# ELEMENT

**DUT: A3LSMA356E; Type: Portable Handset; Serial: 1179M**

Communication System: UID:10494 - AAF, LTE-TDD; MAIA: Y; Frequency: 2680.0 MHz

Medium: 2450 Head; Medium parameters used:

f = 2680.0 MHz; cond = 1.96 S/m; perm = 38.4; density = 1000 kg/m<sup>3</sup>

Phantom Section: RightHead; Space: 0.00 mm

Test Date: 12/13/2023; Ambient Temp: 20.0°C; Tissue Temp: 20.0°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 V16.2.0.1425

**Mode: LTE Band 41, Antenna F Exp: Head| Right Tilt, Ch. High,  
20 MHz Bandwidth, QPSK, 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

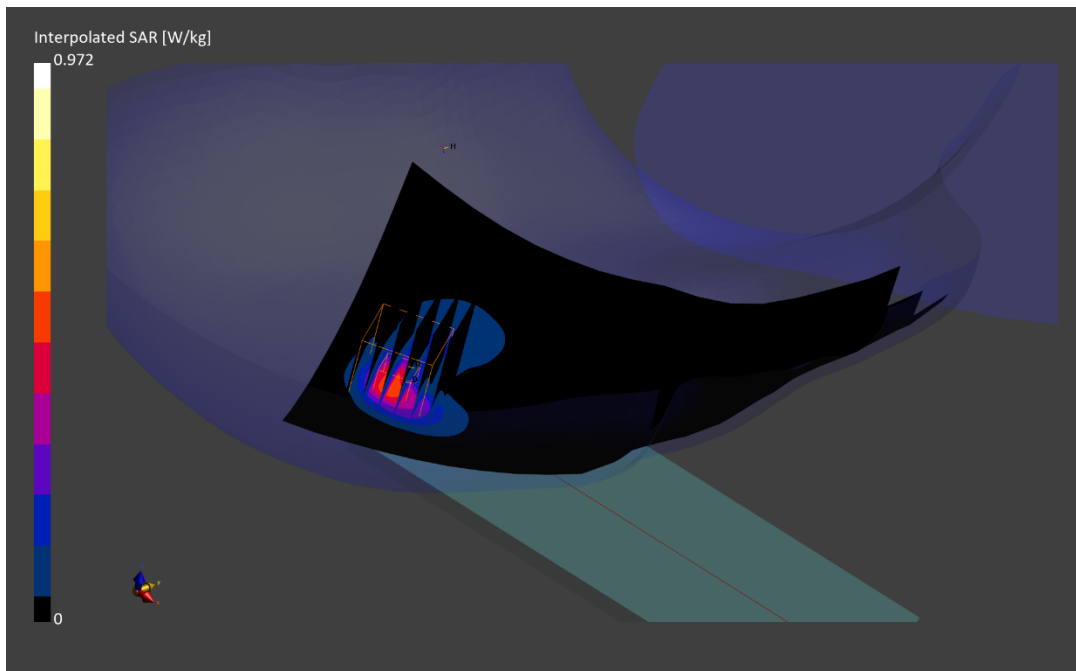
Reference Value = 0.48 W/kg; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.972 W/kg

**SAR(1 g) = 0.418 W/kg**

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

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



# ELEMENT

**DUT: A3LSMA356E; Type: Portable Handset; Serial: 1179M**

Communication System: UID:10494 - AAF, LTE-TDD; MAIA: Y; Frequency: 2680.0 MHz

Medium: 2450 Head; Medium parameters used:

f = 2680.0 MHz; cond = 1.96 S/m; perm = 38.4; density = 1000 kg/m<sup>3</sup>

Phantom Section: Flat; Space: 10.00 mm

Test Date: 12/13/2023; Ambient Temp: 20.0°C; Tissue Temp: 20.0°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 V16.2.0.1425

**Mode: LTE Band 41, Antenna F, Exp: Body-worn | Back Side, Ch. High,  
20 MHz Bandwidth, QPSK, 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

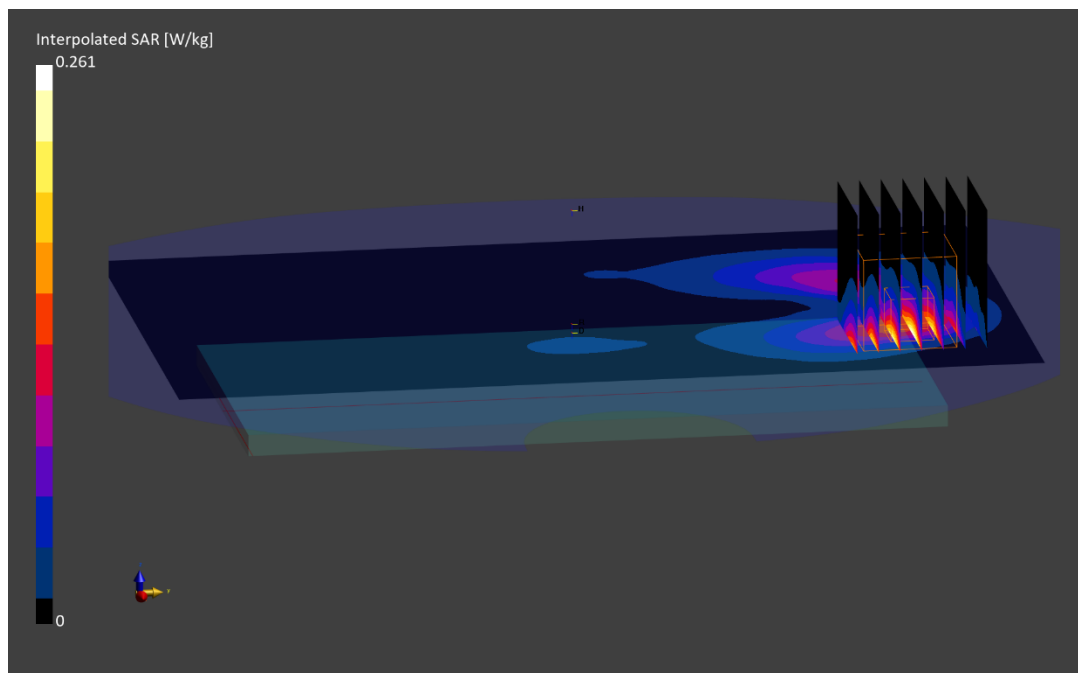
Reference Value = 0.14 W/kg; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 0.261 W/kg

**SAR(1 g) = 0.122 W/kg**

Smallest distance from peaks to all points 3 dB below is 9.5 mm

Ratio of SAR at M2 to SAR at M1 = 77.5 %



# ELEMENT

**DUT: A3LSMA356E; Type: Portable Handset; Serial: 1179M**

Communication System: UID:10494 - AAF, LTE-TDD; MAIA: Y; Frequency: 2680.0 MHz

Medium: 2450 Head; Medium parameters used:

f = 2680.0 MHz; cond = 1.96 S/m; perm = 38.4; density = 1000 kg/m<sup>3</sup>

Phantom Section: Flat; Space: 10.00 mm

Test Date: 12/13/2023; Ambient Temp: 20.0°C; Tissue Temp: 20.0°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 V16.2.0.1425

**Mode: LTE Band 41, Antenna F, Exp: Hotspot| Top Edge, Ch. High,  
20 MHz Bandwidth, QPSK, 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

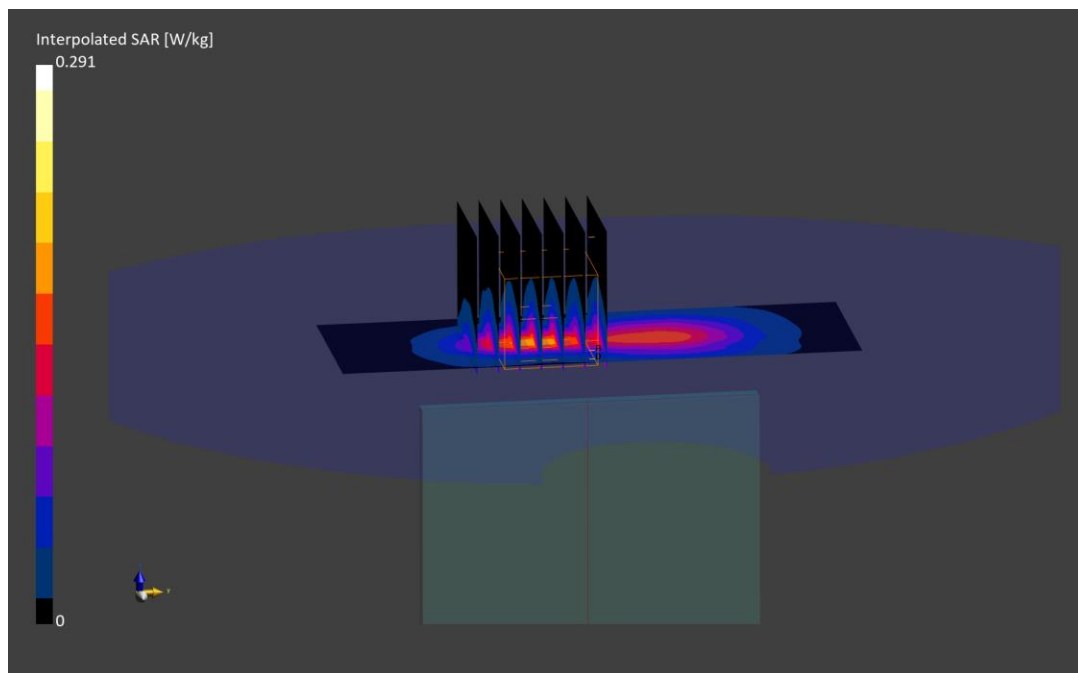
Reference Value = 0.16 W/kg; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 0.291 W/kg

**SAR(1 g) = 0.137 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 = 80.8 %



# ELEMENT

**DUT: A3LSMA356E; Type: Portable Handset; Serial: 1242M**

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; cond = 0.916 S/m; perm = 39.9; density = 1000 kg/m<sup>3</sup>  
Phantom Section: RightHead; Space: 0.00 mm

Test Date: 11/22/2023; Ambient Temp: 21.0°C; Tissue Temp: 21.1°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; Serial: 1797  
Measurement SW: DASY Module SAR V16.2.0.1425

**Mode: NR Band n5, Antenna A, Exp: Head| Right Cheek, 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

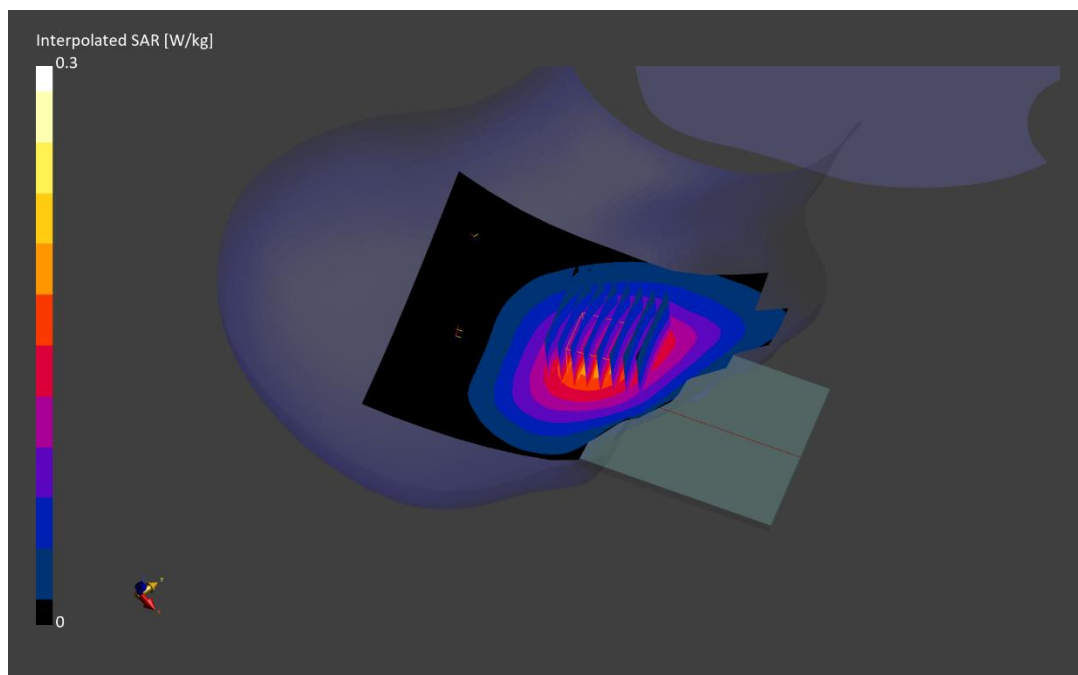
Reference Value = 0.17 W/kg; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.239 W/kg

**SAR(1 g) = 0.186 W/kg**

Smallest distance from peaks to all points 3 dB below is 21.2 mm

Ratio of SAR at M2 to SAR at M1 = 93.5 %



# ELEMENT

**DUT: A3LSMA356E; Type: Portable Handset; Serial: 1242M**

Communication System: UID:10931 - AAC, 5G NR FR1 FDD; MAIA: Y; Frequency: 836.5 MHz

Medium: 835 Head; Medium parameters used:

$f = 836.5$  MHz;  $\text{cond} = 0.916$  S/m;  $\text{perm} = 39.9$ ;  $\text{density} = 1000$  kg/m<sup>3</sup>

Phantom Section: Flat; Space: 10.00 mm

Test Date: 11/22/2023; Ambient Temp: 21.0°C; Tissue Temp: 21.1°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; Serial: 1797

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, 1 RB, 53 RB Offset**

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

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

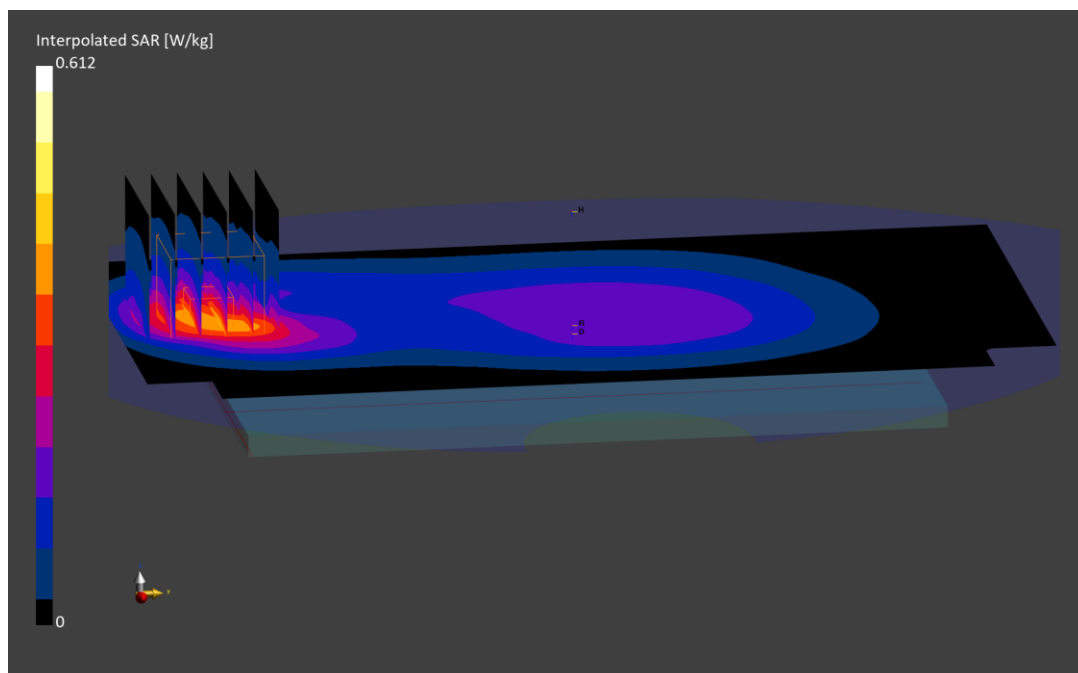
Reference Value = 0.31 W/kg; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.612 W/kg

**SAR(1 g) = 0.355 W/kg**

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

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





# ELEMENT

**DUT: A3LSMA356E; Type: Portable Handset; Serial: 1173M**

Communication System: UID:10773 - AAD, CW; MAIA: Y; Frequency: 1745.0 MHz  
Medium: 1750 Head; Medium parameters used:  
f = 1745.0 MHz; cond = 1.39 S/m; perm = 38.8; density = 1000 kg/m<sup>3</sup>  
Phantom Section: RightHead; Space: 0.00 mm

Test Date: 12/04/2023; Ambient Temp: 22.6°C; Tissue Temp: 21.1°C

Probe: EX3DV4 - SN7713; ConvF:(8.99,8.99,8.99); Calibrated: 2023-01-11  
Sensor-Surface: 1.4mm (VMS + 6p)  
Electronics: DAE4 Sn1530; Calibrated: 2023-01-18  
Phantom: Twin-SAM V8.0; Serial: 2065  
Measurement SW: DASY Module SAR V16.2.0.1425

**Mode: NR Band n66, Antenna F, Exp: Head| Right Tilt, 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

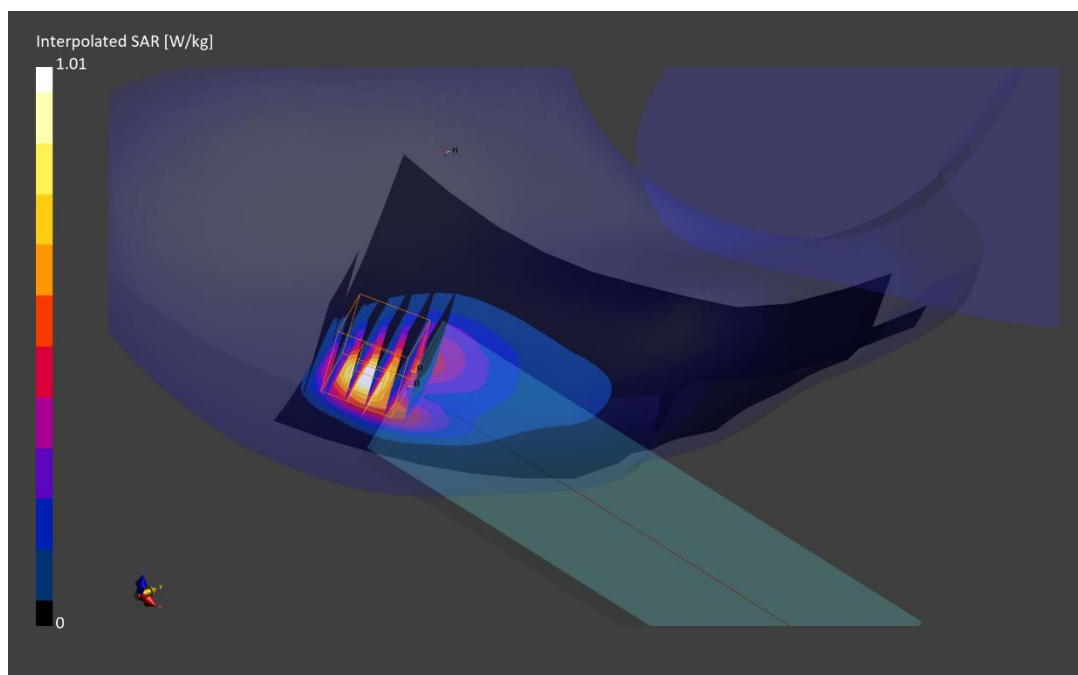
Reference Value = 0.54 W/kg; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 1.01 W/kg

**SAR(1 g) = 0.527 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 = 80.2 %



# ELEMENT

**DUT: A3LSMA356E; Type: Portable Handset; Serial: 1179M**

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 = 1.31 S/m; perm = 39.9; density = 1000 kg/m<sup>3</sup>

Phantom Section: Flat; Space: 10.00 mm

Test Date: 12/04/2023; Ambient Temp: 22.0°C; Tissue Temp: 21.0°C

Probe: EX3DV4 - SN7409; ConvF:(8.37,8.37,8.37); 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: NR Band n66, Antenna F, Exp: Body-worn | Back Side, Ch. 349000,  
40 MHz Bandwidth, DFT-s-OFDM QPSK, 1 RB, 108 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

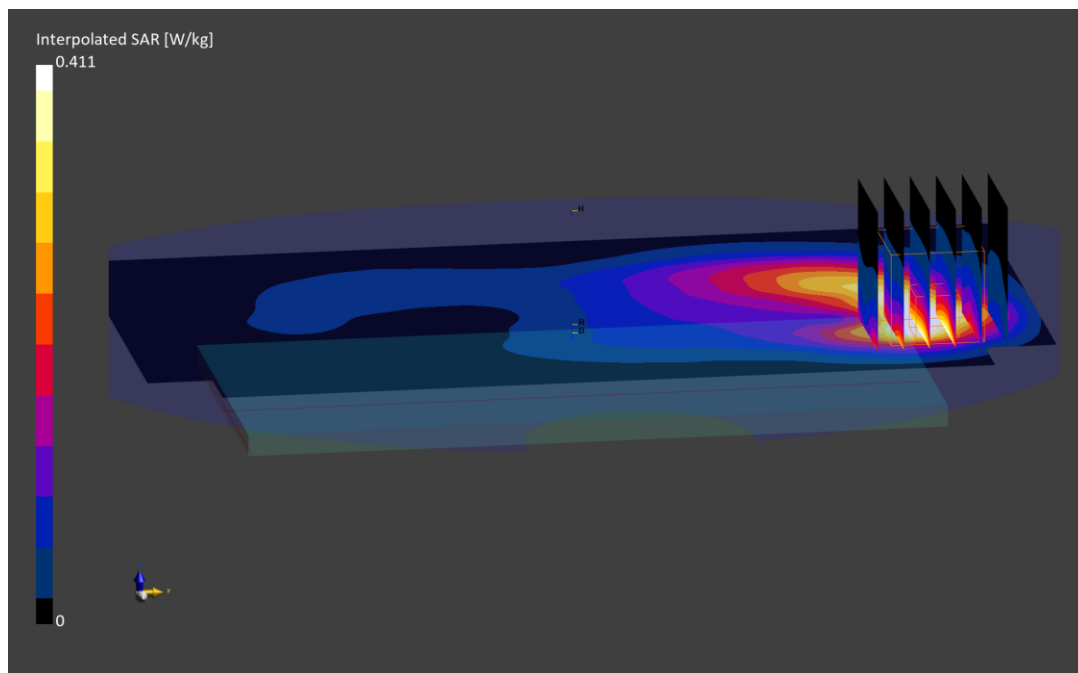
Reference Value = 0.24 W/kg; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 0.411 W/kg

**SAR(1 g) = 0.221 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 = 82.7 %



# ELEMENT

**DUT: A3LSMA356E; Type: Portable Handset; Serial: 1179M**

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

Medium: 1750 Head; Medium parameters used:

f = 1745.0 MHz; cond = 1.31 S/m; perm = 39.9; density = 1000 kg/m<sup>3</sup>

Phantom Section: Flat; Space: 10.00 mm

Test Date: 12/04/2023; Ambient Temp: 22.0°C; Tissue Temp: 21.0°C

Probe: EX3DV4 - SN7409; ConvF:(8.37,8.37,8.37); Calibrated: 2023-06-15

Sensor-Surface: 1.4mm (All points)

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

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

Measurement SW: DASY Module SAR V16.2.0.1425

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

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

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

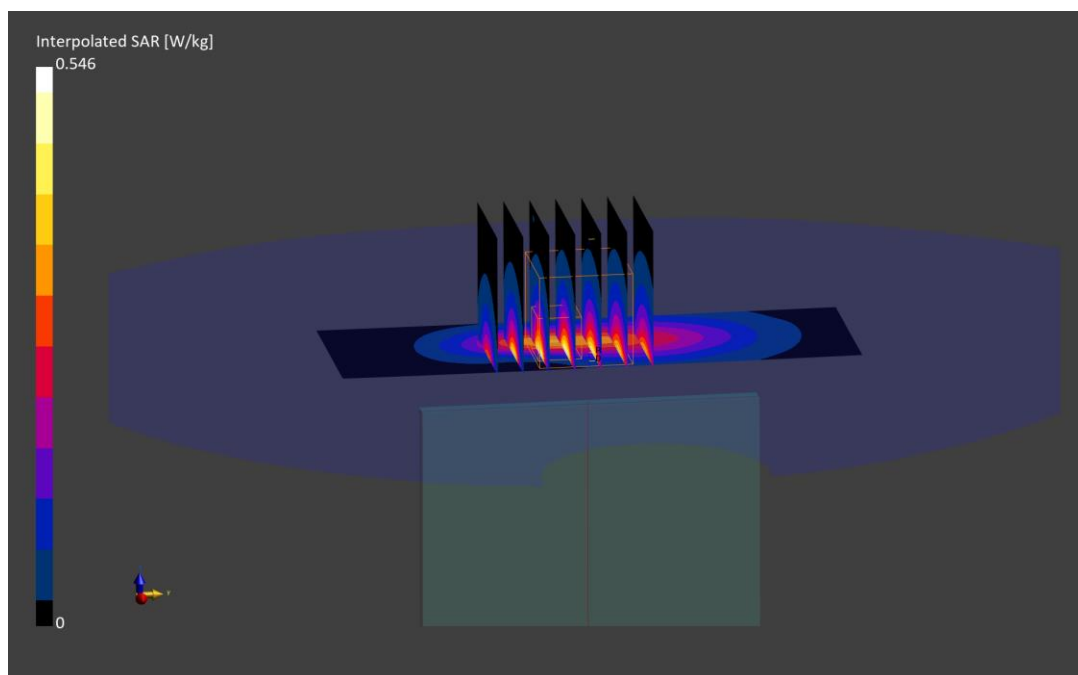
Reference Value = 0.26 W/kg; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 0.546 W/kg

**SAR(1 g) = 0.293 W/kg**

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

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



# ELEMENT

**DUT: A3LSMA356E; Type: Portable Handset; Serial: 1114M**

Communication System: UID:10773 - AAD, CW, 5G NR FR1 FDD; MAIA: Y; Frequency: 1745.0 MHz

Medium: 1750 Head; Medium parameters used:

f = 1745.0 MHz; cond = 1.40 S/m; perm = 38.7; density = 1000 kg/m<sup>3</sup>

Phantom Section: Flat; Space: 0.00 mm

Test Date: 12/28/2023; Ambient Temp: 23.7°C; Tissue Temp: 20.6°C

Probe: EX3DV4 - SN7718; ConvF:(8.52,8.52,8.52); 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: NR Band n66, Antenna B, Exp: Phablet| Bottom Edge, Ch. 349000,  
40 MHz Bandwidth, CP-OFDM QPSK, 1 RB, 1 RB Offset**

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

**Zoom Scan (32.0 x 32.0 x 30.0):** Measurement grid: dx=4.0 mm, dy=4.0 mm, dz=1.5 mm; Graded Ratio: 1.5

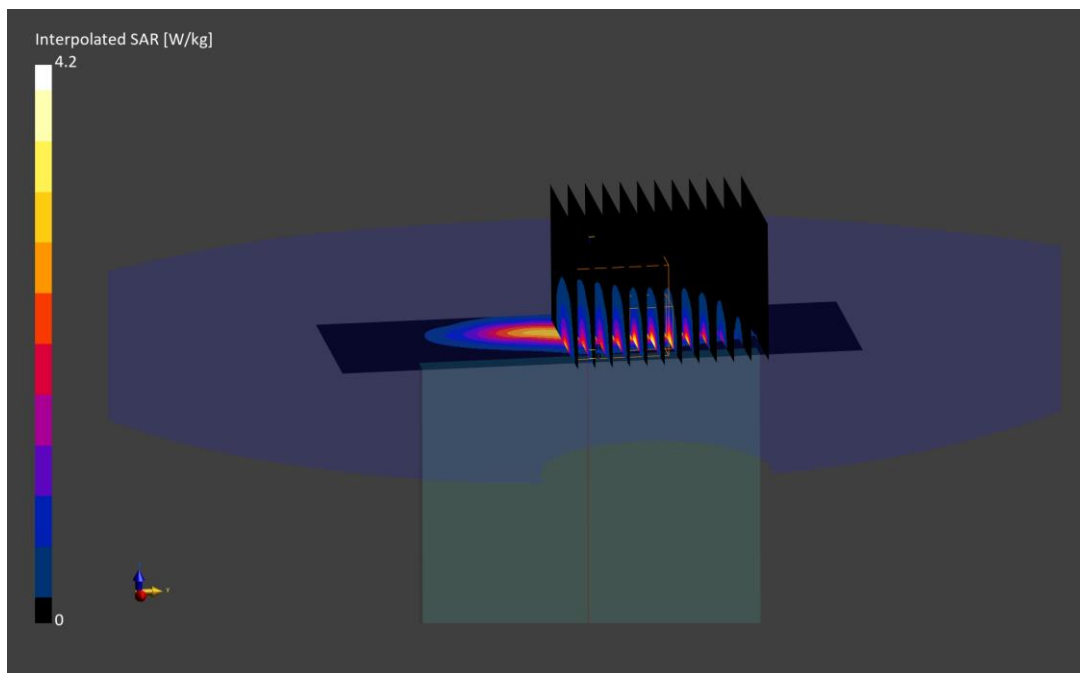
Reference Value = 1.45 W/kg; Power Drift = -0.04

Peak SAR (extrapolated) = 4.20 W/kg

**SAR(10 g) = 0.572 W/kg**

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

Ratio of SAR at M2 to SAR at M1 = 69.9 %



# ELEMENT

**DUT: A3LSMA356E; Type: Portable Handset; Serial: 1173M**

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

Medium: 2450 Head; Medium parameters used:

$f = 2593.0$  MHz;  $\text{cond} = 1.89$  S/m;  $\text{perm} = 37.8$ ;  $\text{density} = 1000$  kg/m<sup>3</sup>

Phantom Section: RightHead; Space: 0.00 mm

Test Date: 12/20/2023; Ambient Temp: 20.6°C; Tissue Temp: 19.3°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 V16.2.0.1425

**Mode: NR Band n41, Antenna B, Exp: Head| Right Cheek, Ch. 518598,  
100 MHz Bandwidth, DFT-s-OFDM QPSK, 135 RB, 69 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

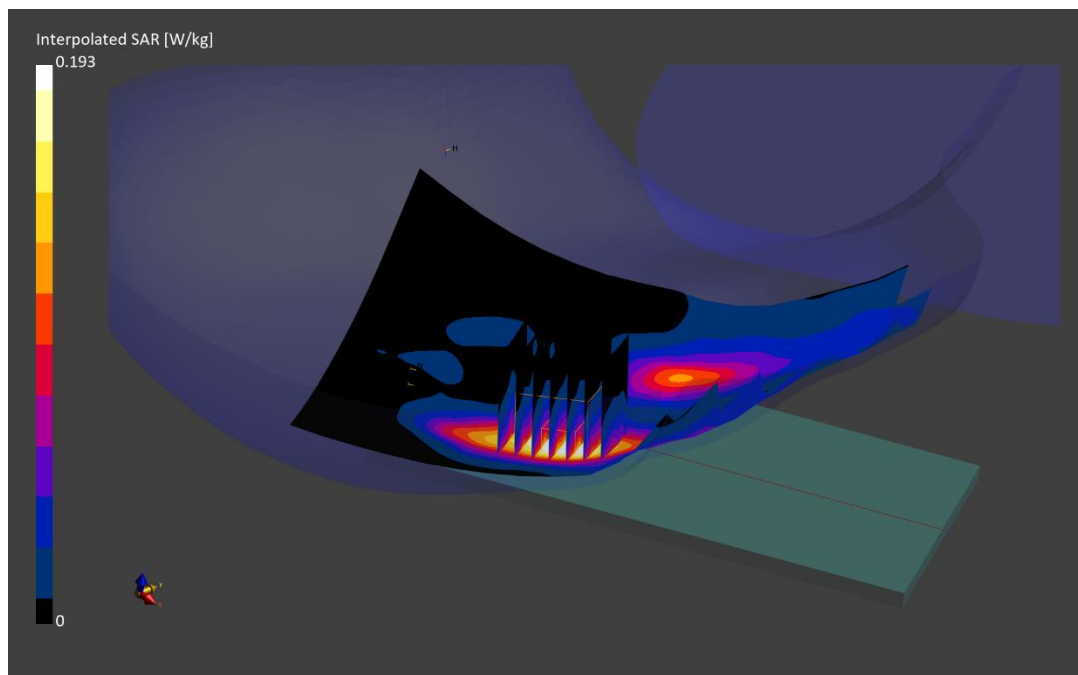
Reference Value = 0.13 W/kg; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 0.193 W/kg

**SAR(1 g) = 0.115 W/kg**

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

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



# ELEMENT

**DUT: A3LSMA356E; Type: Portable Handset; Serial: 1173M**

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;  $\text{cond} = 1.89$  S/m;  $\text{perm} = 37.8$ ;  $\text{density} = 1000$  kg/m<sup>3</sup>

Phantom Section: Flat; Space: 10.00 mm

Test Date: 12/20/2023; Ambient Temp: 20.6°C; Tissue Temp: 19.3°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 V16.2.0.1425

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

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

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

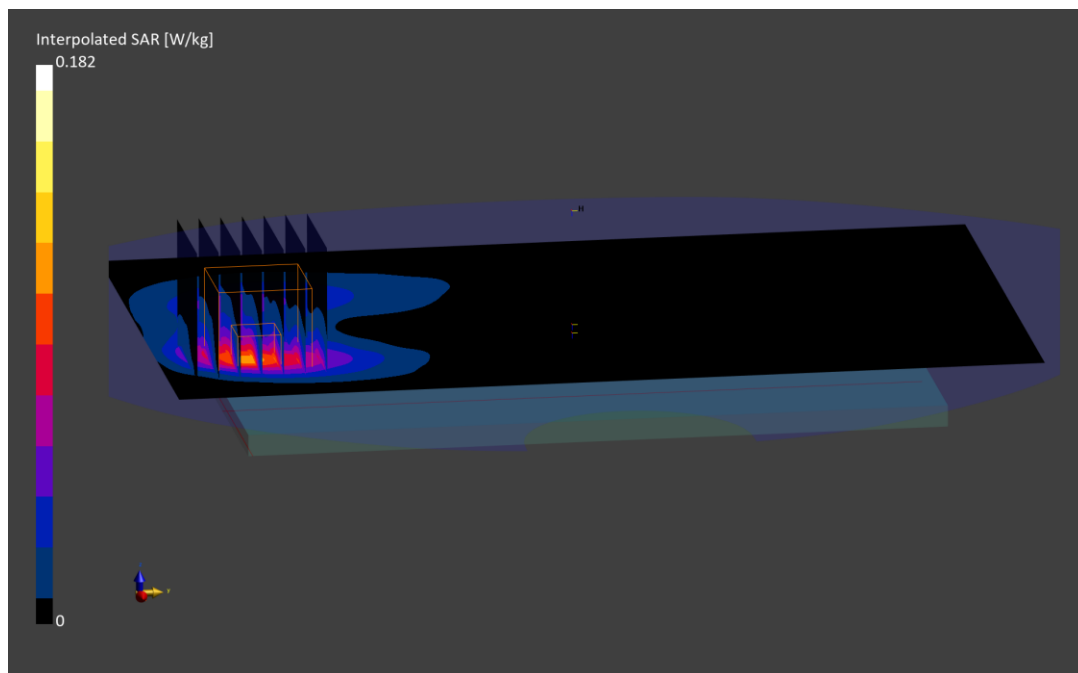
Reference Value = 0.10 W/kg; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 0.182 W/kg

**SAR(1 g) = 0.089 W/kg**

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

Ratio of SAR at M2 to SAR at M1 = 80.4 %



# ELEMENT

**DUT: A3LSMA356E; Type: Portable Handset; Serial: 1195M**

Communication System: UID:10868 - AAD, 5G NR FR1 TDD; MAIA: Y; Frequency: 3750.0 MHz

Medium: 3600 Head; Medium parameters used:

$f = 3750.0$  MHz;  $\text{cond} = 3.04$  S/m;  $\text{perm} = 37.9$ ;  $\text{density} = 1000$  kg/m<sup>3</sup>

Phantom Section: RightHead; Space: 0.00 mm

Test Date: 12/26/2023; Ambient Temp: 20.4°C; Tissue Temp: 19.0°C

Probe: EX3DV4 - SN7558; ConvF:(6.94,6.94,6.94); 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: NR Band n77, Antenna G, Exp: Head| Right Cheek, Ch. 650000,  
100 MHz Bandwidth, DFT-s-OFDM QPSK, 270 RB, 0 RB Offset**

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

**Zoom Scan (28.0 x 28.0 x 28.0):** Measurement grid:  $dx=5.0$  mm,  $dy=5.0$  mm,  $dz=1.4$  mm; Graded Ratio: 1.5

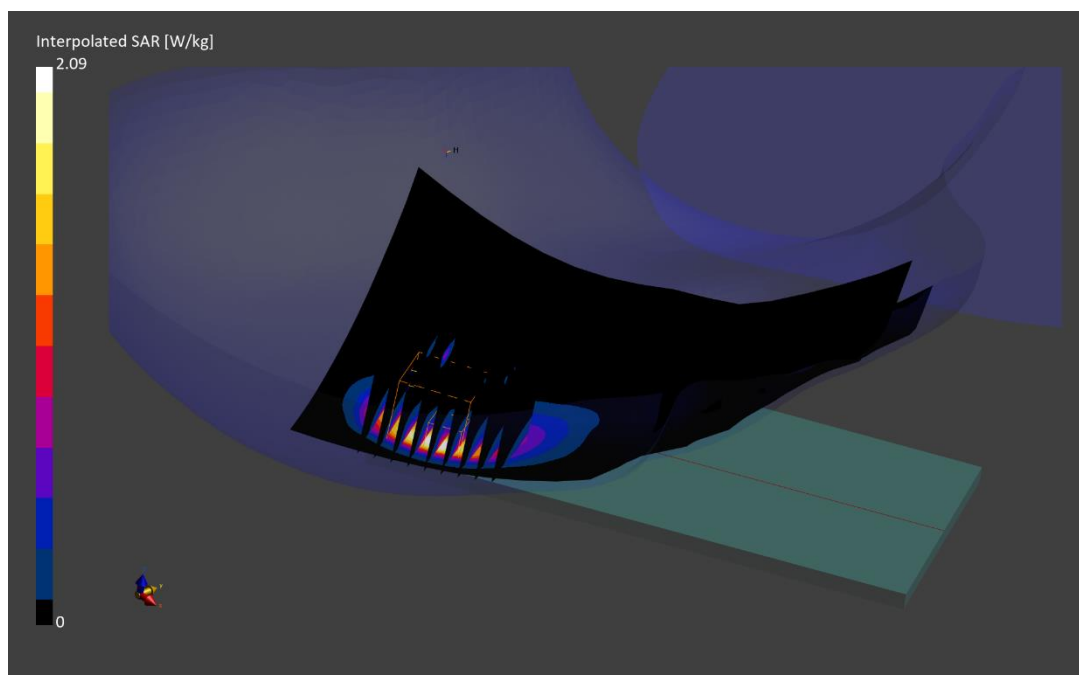
Reference Value = 0.70 W/kg; Power Drift = 0.11 dB

Peak SAR (extrapolated) = 2.09 W/kg

**SAR(1 g) = 0.821 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 = 77.1 %



# ELEMENT

**DUT: A3LSMA356E; Type: Portable Handset; Serial: 1045M**

Communication System: UID:10917 - AAB, 5G NR FR1 TDD; MAIA: Y; Frequency: 3750.0 MHz

Medium: 3600 Head; Medium parameters used:

f = 3750.0 MHz; cond = 3.05 S/m; perm = 38.1; density = 1000 kg/m<sup>3</sup>

Phantom Section: Flat; Space: 10.00 mm

Test Date: 12/11/2023; Ambient Temp: 20.8°C; Tissue Temp: 20.4°C

Probe: EX3DV4 - SN7640; ConvF:(7.39,7.39,7.39); 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: NR Band n77, Antenna G, Exp: Body-worn | Back Side, Ch. 650000,  
100 MHz Bandwidth, DFT-s-OFDM QPSK, 135 RB, 69 RB Offset**

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

**Zoom Scan (28.0 x 28.0 x 28.0):** Measurement grid: dx=5.0 mm, dy=5.0 mm, dz=1.4 mm; Graded Ratio: 1.5

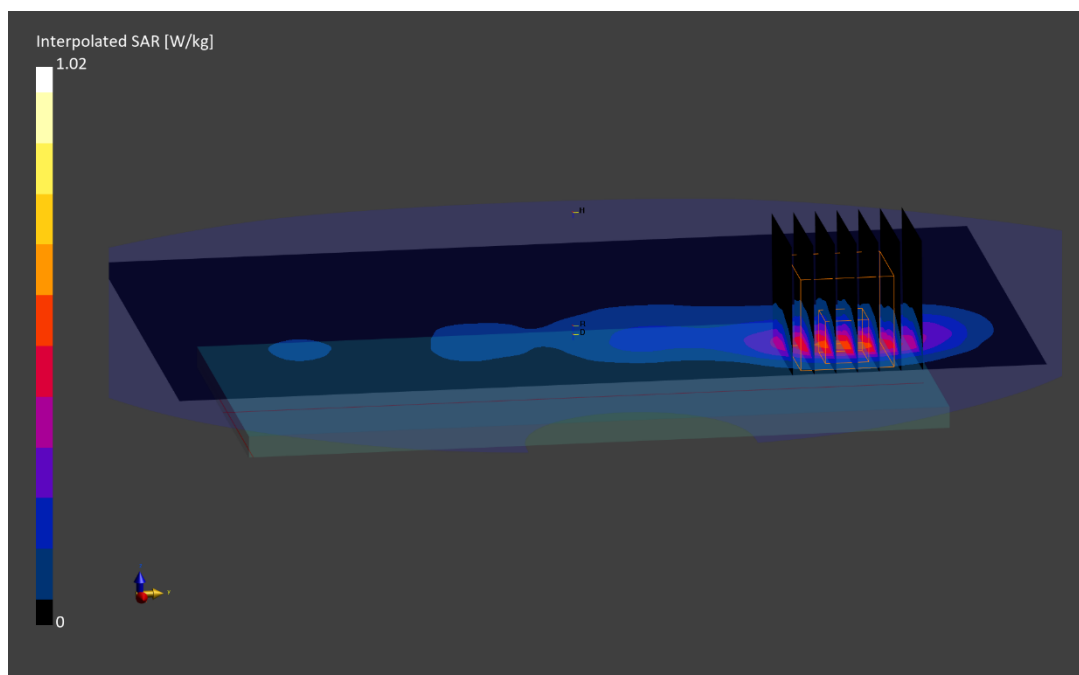
Reference Value = 0.30 W/kg; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 1.02 W/kg

**SAR(1 g) = 0.422 W/kg**

Smallest distance from peaks to all points 3 dB below is 11.5 mm

Ratio of SAR at M2 to SAR at M1 = 74.9 %





# ELEMENT

**DUT: A3LSMA356E; Type: Portable Handset; Serial: 02577**

Communication System: UID:10866 - AAD, 5G NR FR1 TDD; MAIA: Y; Frequency: 3500.0 MHz

Medium: 3600 Head; Medium parameters used:

$f = 3500.0$  MHz;  $\text{cond} = 2.81$  S/m;  $\text{perm} = 38.5$ ;  $\text{density} = 1000$  kg/m<sup>3</sup>

Phantom Section: Flat; Space: 10.00 mm

Test Date: 12/11/2023; Ambient Temp: 20.8°C; Tissue Temp: 20.4°C

Probe: EX3DV4 - SN7640; ConvF:(7.44,7.44,7.44); 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: NR Band n77 DoD, Antenna G, Exp: Hotspot| Left Edge, Ch. 633334,  
100 MHz Bandwidth, DFT-s-OFDM QPSK, 1 RB, 137 RB Offset**

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

**Zoom Scan (28.0 x 28.0 x 28.0):** Measurement grid:  $dx=5.0$  mm,  $dy=5.0$  mm,  $dz=1.4$  mm; Graded Ratio: 1.5

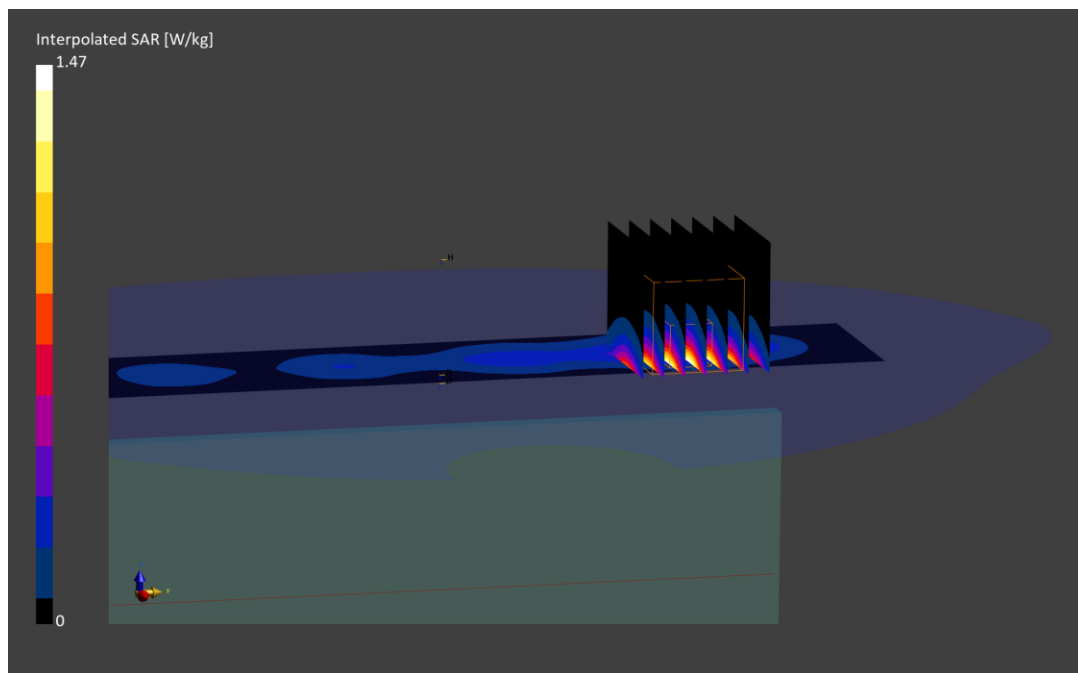
Reference Value = 0.43 W/kg; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 1.47 W/kg

**SAR(1 g) = 0.614 W/kg**

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

Ratio of SAR at M2 to SAR at M1 = 76.5 %



# ELEMENT

**DUT: A3LSMA356E; Type: Portable Handset; Serial: 1045M**

Communication System: UID:10866 - AAD, 5G NR FR1 TDD; MAIA: Y; Frequency: 3500.0 MHz

Medium: 3600 Head; Medium parameters used:

$f = 3500.0$  MHz;  $\text{cond} = 2.81$  S/m;  $\text{perm} = 39.5$ ;  $\text{density} = 1000$  kg/m<sup>3</sup>

Phantom Section: Flat; Space: 0.00 mm

Test Date: 12/18/2023; Ambient Temp: 19.8°C; Tissue Temp: 19.2°C

Probe: EX3DV4 - SN7640; ConvF:(7.44,7.44,7.44); 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: NR Band 77 DoD, Antenna G, Exp: Phablet| Left Edge, Ch. 633334,  
100 MHz Bandwidth, DFT-s-OFDM QPSK, 1 RB, 137 RB Offset**

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

**Zoom Scan (28.0 x 28.0 x 28.0):** Measurement grid:  $dx=3.4$  mm,  $dy=3.4$  mm,  $dz=1.4$  mm; Graded Ratio: 1.4

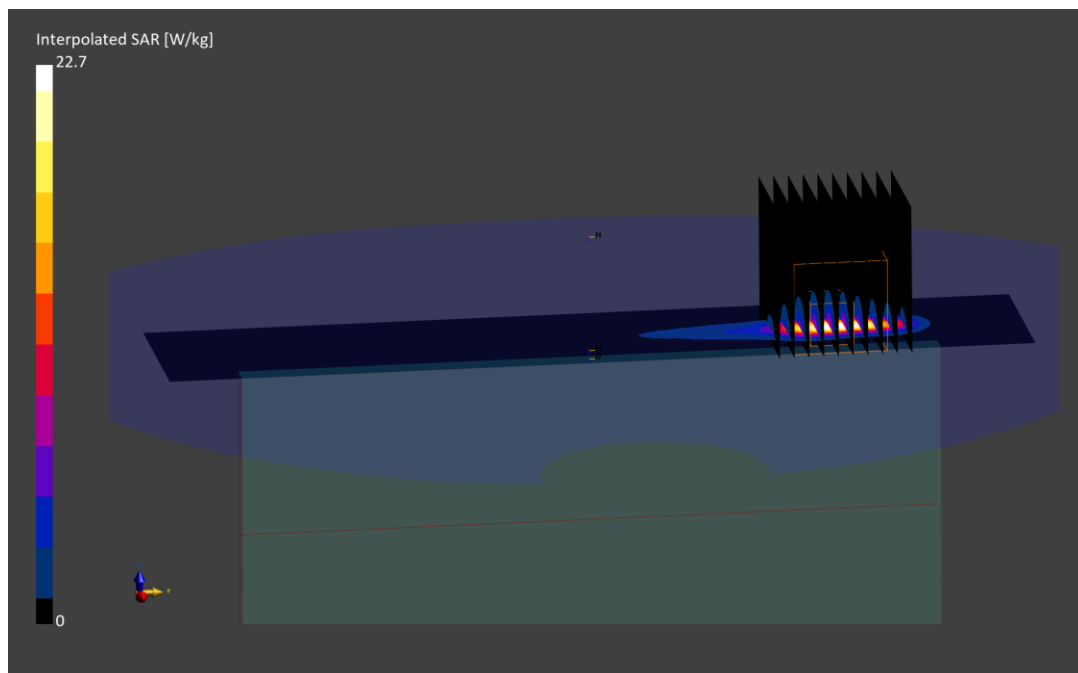
Reference Value = 4.95 W/kg; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 22.7 W/kg

**SAR(10 g) = 2.10 W/kg**

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

Ratio of SAR at M2 to SAR at M1 = 71.7 %



# ELEMENT

**DUT: A3LSMA356E; Type: Portable Handset; Serial: 0592M**

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

Medium: 2450 Head; Medium parameters used:

f = 2437.0 MHz; cond = 1.79 S/m; perm = 38.2; density = 1000 kg/m<sup>3</sup>

Phantom Section: RightHead; Space: 0.00 mm

Test Date: 12/18/2023; Ambient Temp: 21.1°C; Tissue Temp: 20.3°C

Probe: EX3DV4 - SN7713; ConvF:(8.26,8.26,8.26); Calibrated: 2023-01-11

Sensor-Surface: 1.4mm (All points)

Electronics: DAE4 Sn1530; Calibrated: 2023-01-18

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

Measurement SW: DASY Module SAR V16.2.0.1425

**Mode: 2.4 GHz WIFI/ IEEE 802.11b, Antenna M, 20 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=4.8 mm, dy=4.8 mm, dz=1.5 mm; Graded Ratio: 1.5

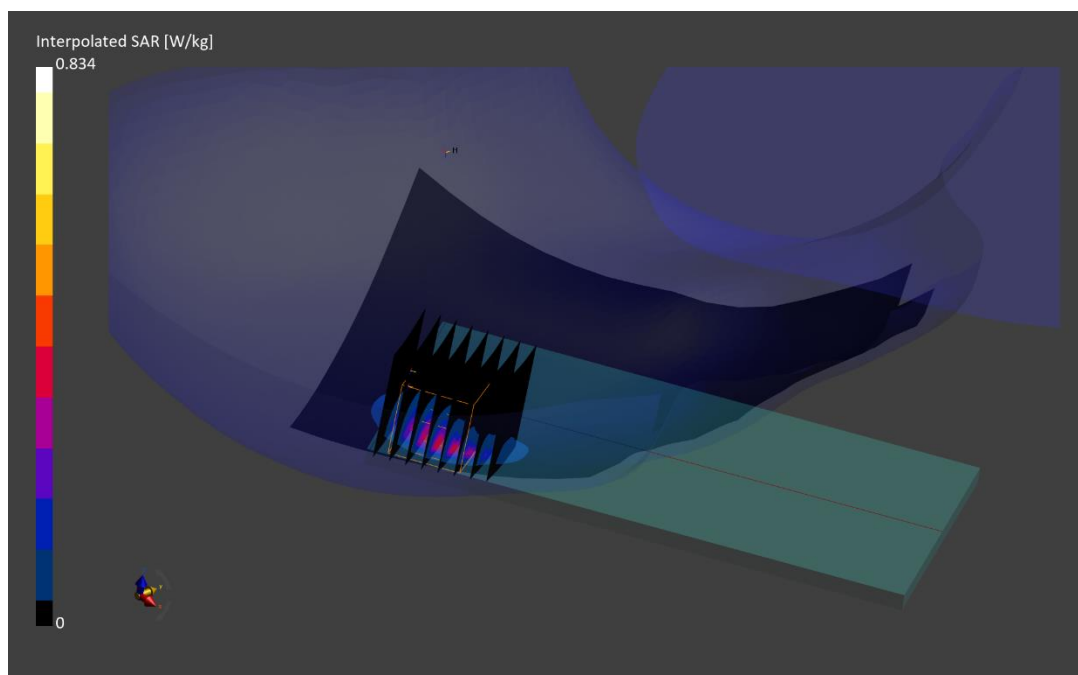
Reference Value = 0.33 W/kg; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.834 W/kg

**SAR(1 g) = 0.315 W/kg**

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

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



# ELEMENT

**DUT: A3LSMA356E; Type: Portable Handset; Serial: 0592M**

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

Medium: 2450 Head; Medium parameters used:

f = 2412.0 MHz; cond = 1.77 S/m; perm = 39.6; density = 1000 kg/m<sup>3</sup>

Phantom Section: Flat; Space: 10.00 mm

Test Date: 12/20/2023; Ambient Temp: 20.1°C; Tissue Temp: 19.2°C

Probe: EX3DV4 - SN7713; ConvF:(8.26,8.26,8.26); Calibrated: 2023-01-11

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

Electronics: DAE4 Sn1530; Calibrated: 2023-01-18

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

Measurement SW: DASY Module SAR V16.2.0.1425

**Mode: 2.4 GHz WIFI/ IEEE 802.11b, Antenna MIMO, 20 MHz Bandwidth, Exp: Body-worn/Hotspot| Back Side, Ch. 1, 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

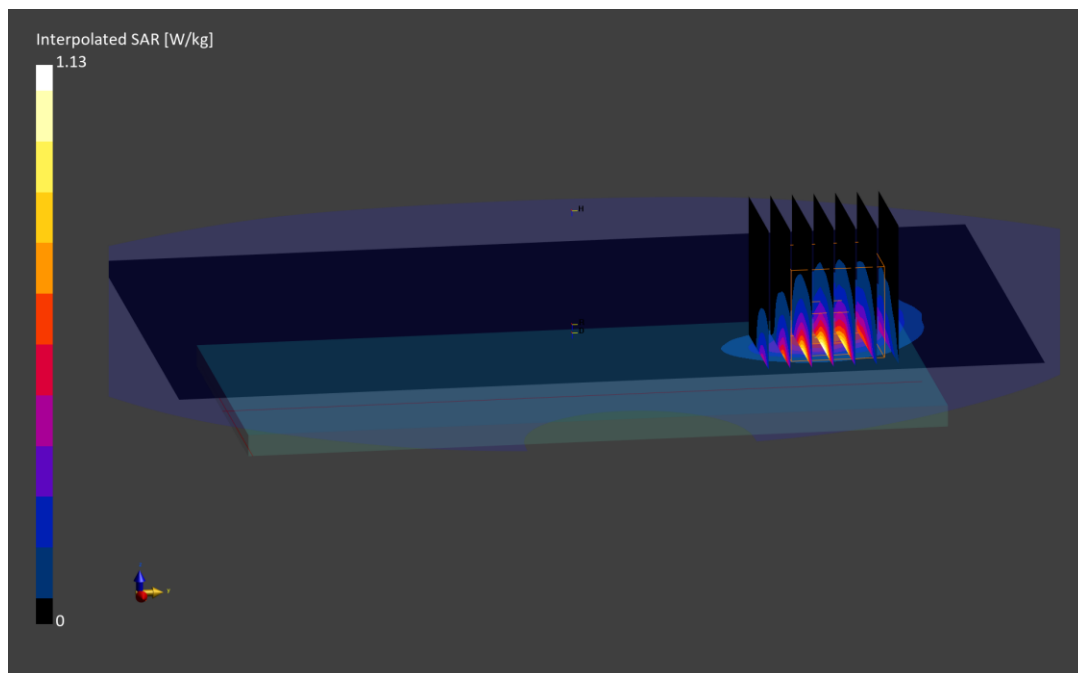
Reference Value = 0.72 W/kg; Power Drift = -0.13 dB

Peak SAR (extrapolated) = 1.13 W/kg

**SAR(1 g) = 0.552 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 = 79.0 %



# ELEMENT

**DUT: A3LSMA356E; Type: Portable Handset; Serial: 0554M**

Communication System: UID:10626 - AAC, WLAN; MAIA: Y; Frequency: 5530.0 MHz

Medium: 5200-5800 Head; Medium parameters used:

f = 5530.0 MHz; cond = 4.91 S/m; perm = 34.3; density = 1000 kg/m<sup>3</sup>

Phantom Section: RightHead; Space: 0.00 mm

Test Date: 12/17/2023; Ambient Temp: 23.0°C; Tissue Temp: 22.9°C

Probe: EX3DV4 - SN7570; ConvF:(4.84,4.84,4.84); 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: 5 GHz WIFI/ IEEE 802.11ac, Antenna G, 80 MHz Bandwidth, U-NII-2C, Exp: Head|  
Right Cheek, Ch. 106, 29.3 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

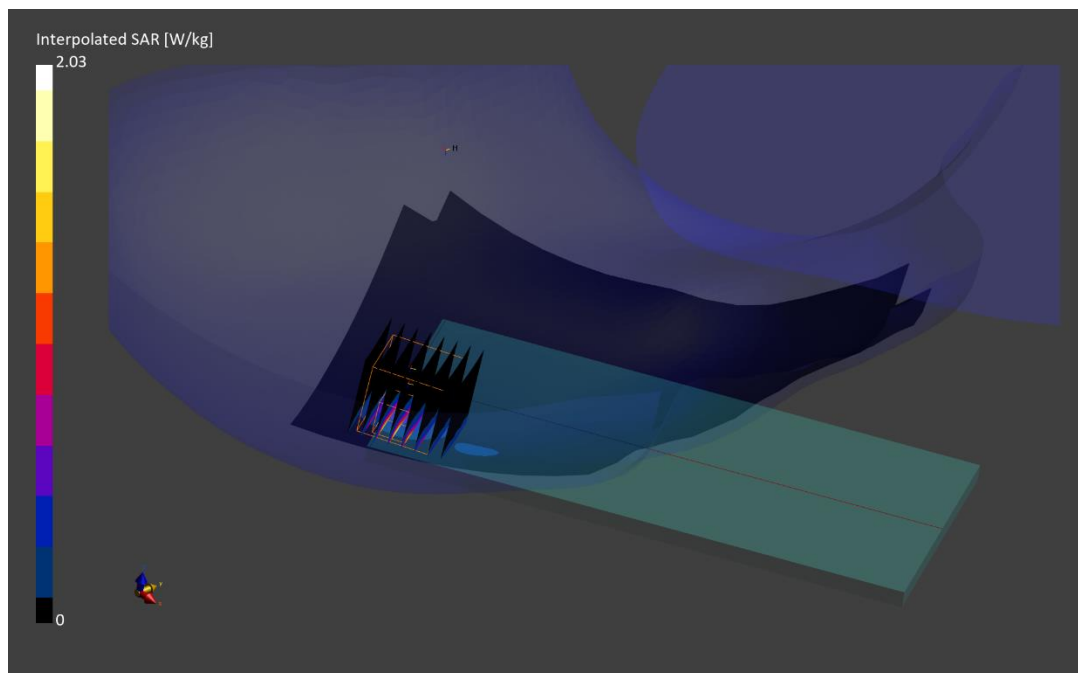
Reference Value = 0.33 W/kg; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 2.03 W/kg

**SAR(1 g) = 0.474 W/kg**

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

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



# ELEMENT

**DUT: A3LSMA356E; Type: Portable Handset; Serial: 0554M**

Communication System: UID:10317 - AAD, WLAN; MAIA: Y; Frequency: 5620.0 MHz  
Medium: 5200-5800 Head; Medium parameters used:  
f = 5620.0 MHz; cond = 5.03 S/m; perm = 34.1; density = 1000 kg/m<sup>3</sup>  
Phantom Section: Flat; Space: 10.00 mm

Test Date: 12/17/2023; Ambient Temp: 23.0°C; Tissue Temp: 22.9°C

Probe: EX3DV4 - SN7570; ConvF:(4.84,4.84,4.84); 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: 5 GHz WIFI/ IEEE 802.11a, Antenna G,  
20 MHz Bandwidth, U-NII-2C, Exp: Body-worn| Back Side, Ch. 124, 6 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

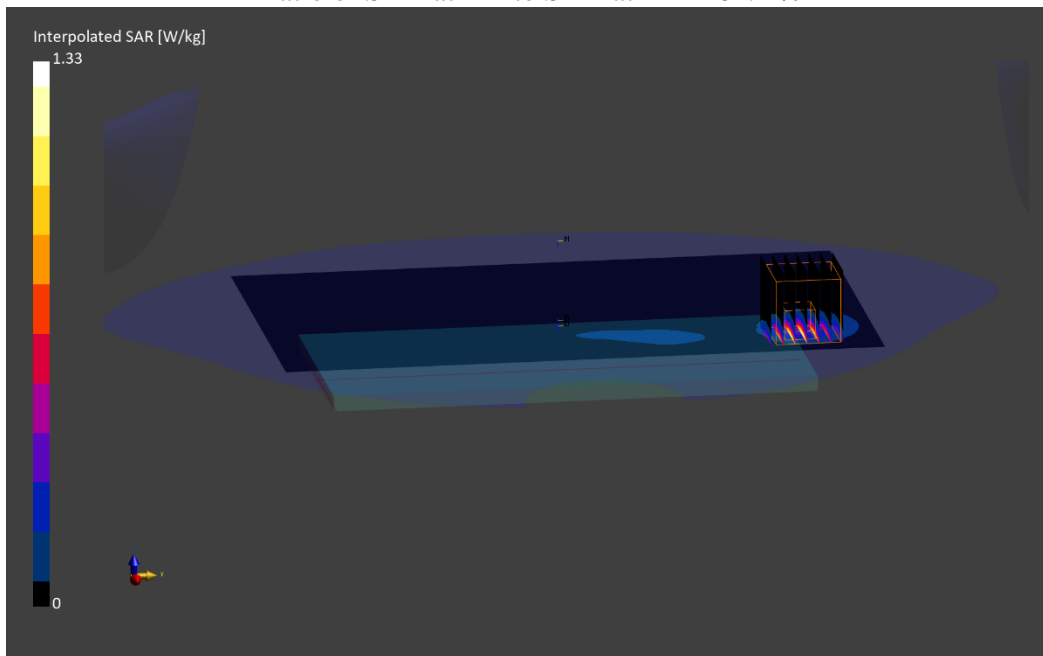
Reference Value = 0.26 W/kg; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 1.33 W/kg

**SAR(1 g) = 0.367 W/kg**

Smallest distance from peaks to all points 3 dB below is 9.2 mm

Ratio of SAR at M2 to SAR at M1 = 62.1 %



# ELEMENT

**DUT: A3LSMA356E; Type: Portable Handset; Serial: 0554M**

Communication System: UID:10317 - AAD, WLAN; MAIA: Y; Frequency: 5745.0 MHz

Medium: 5200-5800 Head; Medium parameters used:

f = 5745.0 MHz; cond = 5.15 S/m; perm = 33.9; density = 1000 kg/m<sup>3</sup>

Phantom Section: Flat; Space: 10.00 mm

Test Date: 12/17/2023; Ambient Temp: 23.0°C; Tissue Temp: 22.9°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: 5 GHz WIFI/ IEEE 802.11a, Antenna G, 20 MHz Bandwidth, U-NII-3, Exp: Hotspot|  
Back Side, Ch. 149, 6 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

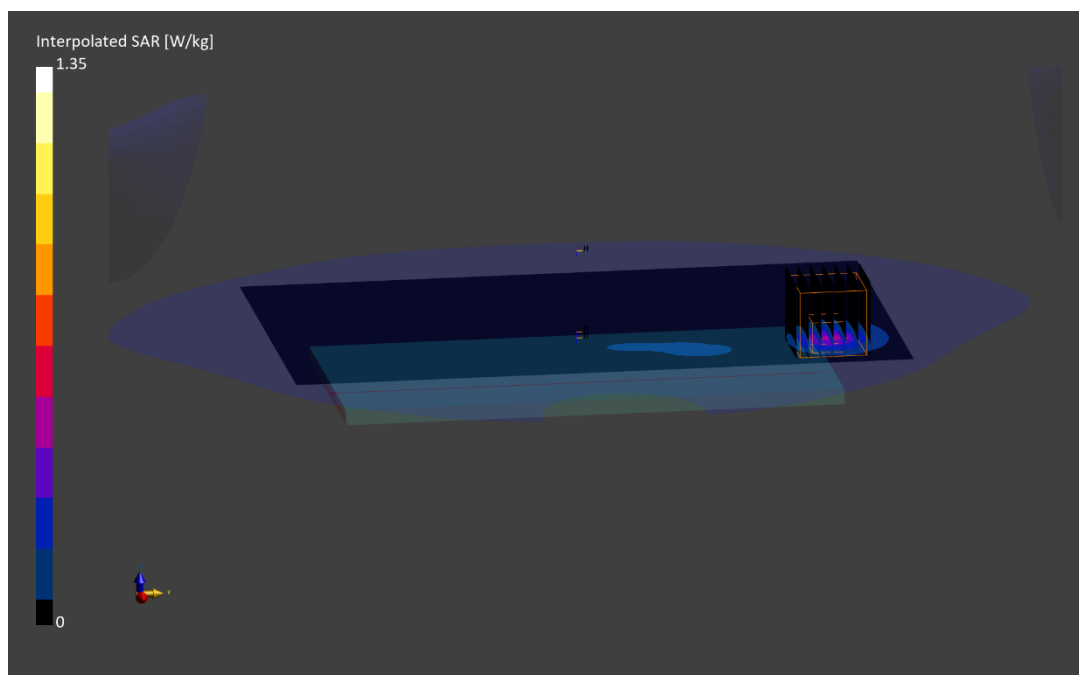
Reference Value = 0.25 W/kg; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 1.35 W/kg

**SAR(1 g) = 0.361 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 = 60.7 %



# ELEMENT

**DUT: A3LSMA356E; Type: Portable Handset; Serial: 0554M**

Communication System: UID:10317 - AAD, WLAN; MAIA: Y; Frequency: 5620.0 MHz  
Medium: 5200-5800 Head; Medium parameters used:  
f = 5620.0 MHz; cond = 5.03 S/m; perm = 34.1; density = 1000 kg/m<sup>3</sup>  
Phantom Section: Flat; Space: 0.00 mm

Test Date: 12/17/2023; Ambient Temp: 23.0°C; Tissue Temp: 22.9°C

Probe: EX3DV4 - SN7570; ConvF:(4.84,4.84,4.84); 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: 5 GHz WIFI/ IEEE 802.11a, Antenna MIMO, 20 MHz Bandwidth, U-NII-2C, Exp:  
Phablet| Back Side, Ch. 124, 13 Mbps**

**Area Scan (120.0 x 220.0):** 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

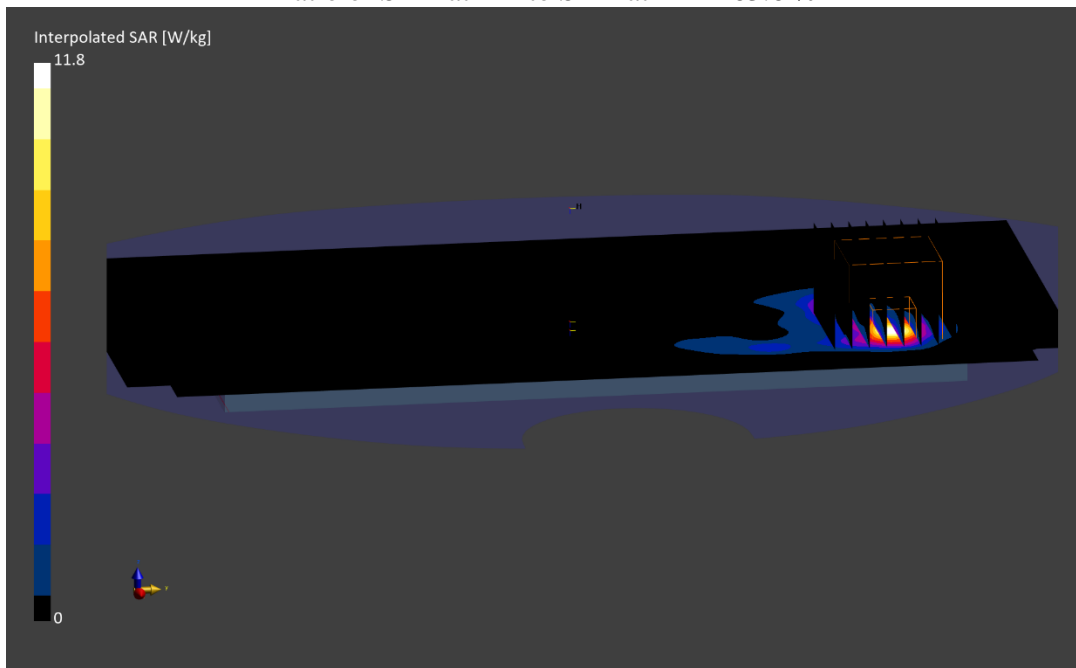
Reference Value = 1.94 W/kg; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 11.9 W/kg

**SAR(10 g) = 0.939 W/kg**

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

Ratio of SAR at M2 to SAR at M1 = 63.6 %





# ELEMENT

**DUT: A3LSMA356E; Type: Portable Handset; Serial: 0592M**

Communication System: UID:10032 - CAA, Bluetooth; MAIA: Y; Frequency: 2441.000 MHz  
Medium: 2450 Head; Medium parameters used:  
f = 2441.000 MHz; cond = 1.84 S/m; perm = 39.5; density = 1000 kg/m<sup>3</sup>  
Phantom Section: RightHead; Space: 0.00 mm

Test Date: 12/26/2023; Ambient Temp: 19.8°C; Tissue Temp: 22.8°C

Probe: EX3DV4 - SN7417; ConvF:(7.45,7.45,7.45); 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 V16.2.4.2524

**Mode: 2.4 GHz Bluetooth, Antenna I, 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=5.0 mm, dy=5.0 mm, dz=1.5 mm; Graded Ratio: 1.5

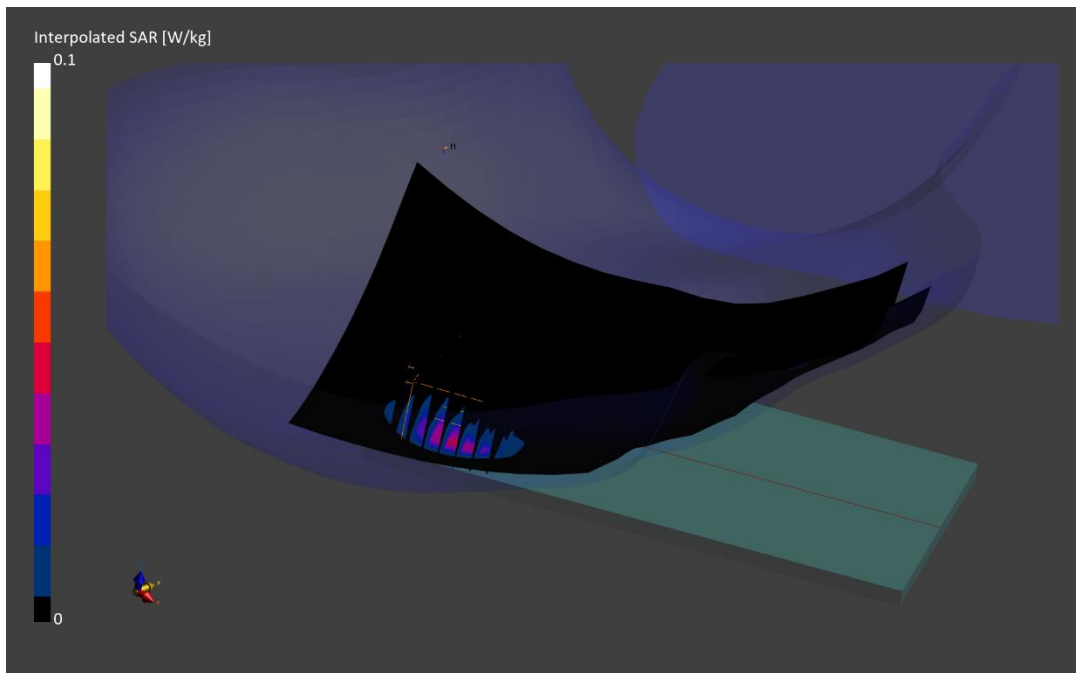
Reference Value = 0.03 W/kg; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 0.097 W/kg

**SAR(1 g) = 0.033 W/kg**

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

Ratio of SAR at M2 to SAR at M1 = 69.9 %



# ELEMENT

**DUT: A3LSMA356E; Type: Portable Handset; Serial: 0592M**

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

Medium: 2450 Head; Medium parameters used:

$f = 2441.0$  MHz;  $\text{cond} = 1.79$  S/m;  $\text{perm} = 39.5$ ;  $\text{density} = 1000$  kg/m<sup>3</sup>

Phantom Section: Flat; Space: 10.00 mm

Test Date: 12/20/2023; Ambient Temp: 20.1°C; Tissue Temp: 19.2°C

Probe: EX3DV4 - SN7713; ConvF:(8.26,8.26,8.26); Calibrated: 2023-01-11

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

Electronics: DAE4 Sn1530; Calibrated: 2023-01-18

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

Measurement SW: DASY Module SAR V16.2.0.1425

**Mode: 2.4 GHz Bluetooth, Antenna I, Exp: Body-worn | 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

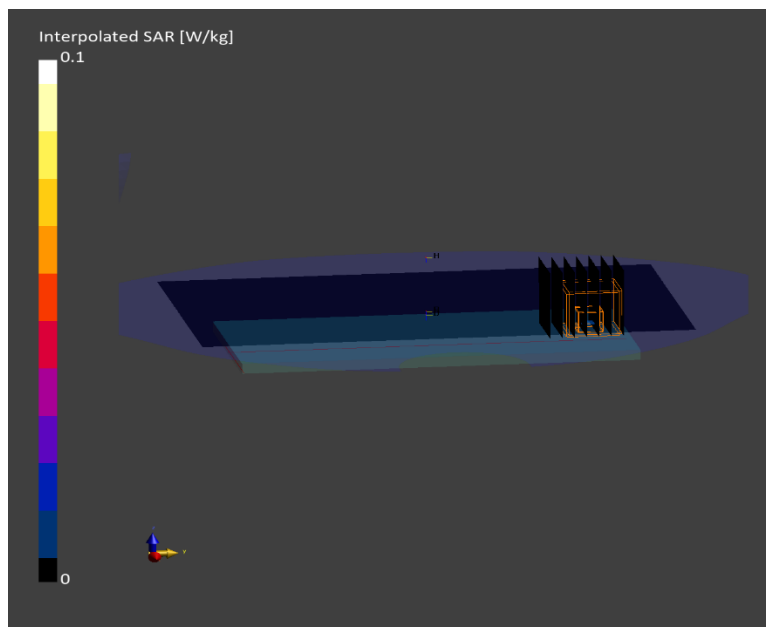
Reference Value = 0.01 W/kg; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 0.012 W/kg

**SAR(1 g) = 0.006 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 = 85.8 %



# ELEMENT

**DUT: A3LSMA356E; Type: Portable Handset; Serial: 0592M**

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

Medium: 2450 Head; Medium parameters used:

$f = 2441.0$  MHz;  $\text{cond} = 1.79$  S/m;  $\text{perm} = 39.5$ ;  $\text{density} = 1000$  kg/m<sup>3</sup>

Phantom Section: Flat; Space: 10.00 mm

Test Date: 12/20/2023; Ambient Temp: 20.1°C; Tissue Temp: 19.2°C

Probe: EX3DV4 - SN7713; ConvF:(8.26,8.26,8.26); Calibrated: 2023-01-11

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

Electronics: DAE4 Sn1530; Calibrated: 2023-01-18

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

Measurement SW: DASY Module SAR V16.2.0.1425

**Mode: 2.4 GHz Bluetooth, Antenna I, 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

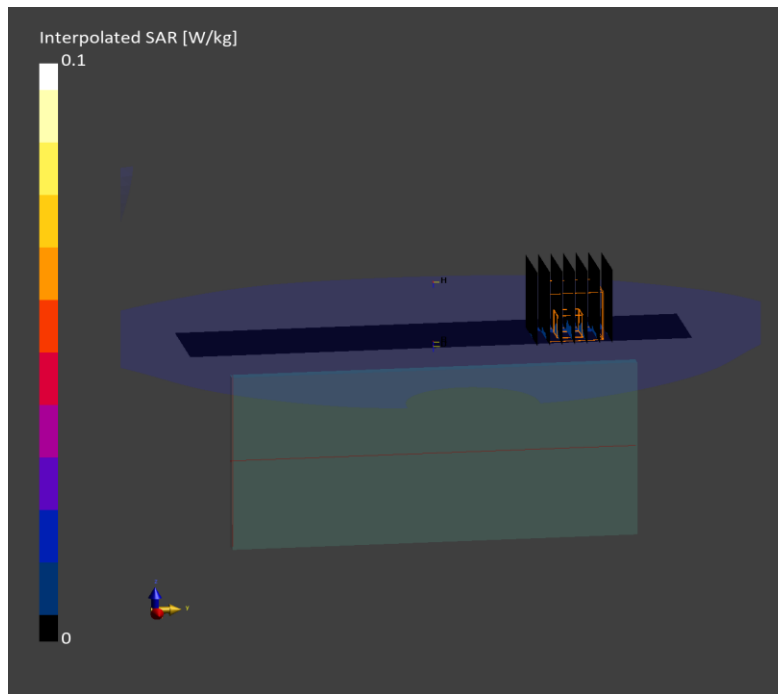
Reference Value = 0.01 W/kg; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 0.018 W/kg

**SAR(1 g) = 0.009 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 = 87.9 %



# ELEMENT

**DUT: A3LSMA356E; Type: Portable Handset; Serial: 0805M**

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

Medium: 30 Head; Medium parameters used:

f = 13.6 MHz; cond = 0.748 S/m; perm = 53.3; density = 1000 kg/m<sup>3</sup>

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 (All points)

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 (32.4 x 32.4 x 30.0):** Measurement grid: dx=2.7 mm, dy=2.7 mm, dz=1.5 mm; Graded Ratio: 1.5

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

Peak SAR (extrapolated) = 0.662 W/kg

**SAR(10 g) = 0.039 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 = 48.9 %

