

APPENDIX A: SAR TEST PLOTS

FCC ID A3LSMA576U	RF EXPOSURE PART 1 TEST REPORT	Approved by: Technical Manager
DUT Type: Portable Handset	This report is Blockchain Verified. To verify the report authenticity, please visit HTTPS://WWW.BLOCKCHAIN-VERIFIED.COM or by clicking on the Blockchain logo. 	APPENDIX A

ELEMENT

DUT: A3LSMA576U; Type: Portable Handset; Serial: 3794M

Communication System: UID:10169 - CAF, LTE-FDD; MAIA: Y; Frequency: 680.500 MHz

Medium: Head Simulating Liquid; Medium parameters used:

$f = 680.500$ MHz; $\text{cond} = 0.866$ S/m; $\text{perm} = 43.8$; $\text{density} = 1000$ kg/m³

Phantom Section: LeftHead; Space: 0.00 mm

Test Date: 5/18/2026; Ambient Temp: 20.5°C; Tissue Temp: 21.1°C

Probe: EX3DV4 - SN7565; ConvF:(10.72,9.16,8.59); Calibrated: 2026-01-14

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

Electronics: DAE4 Sn1466; Calibrated: 2026-01-12

Phantom: Twin-SAM V5.0; Serial: 1715

Measurement SW: DASY Module SAR V16.4.0.5005

**Mode: LTE Band 71, Antenna E, Exp: Head| Left 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 31.2): Measurement grid: $dx=6.0$ mm, $dy=6.0$ mm, $dz=1.5$ mm; Graded Ratio: 1.5

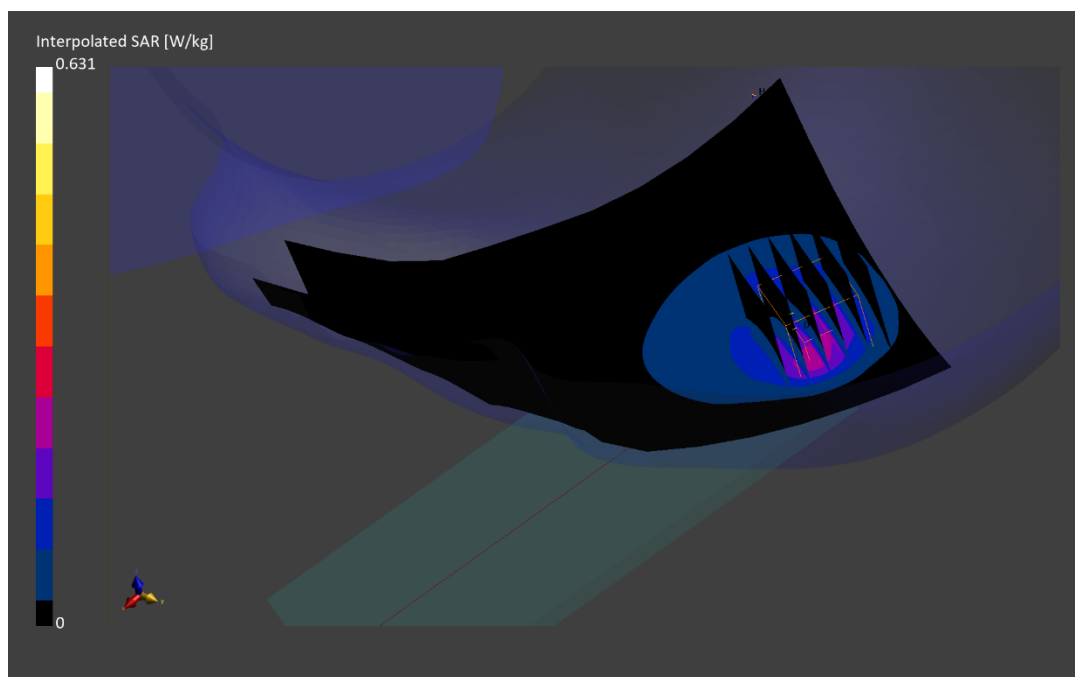
Reference Value = 0.18 W/kg; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.631 W/kg

SAR(1 g) = 0.240 W/kg

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

Ratio of SAR at M2 to SAR at M1 = 68.9 %



ELEMENT

DUT: A3LSMA576U; Type: Portable Handset; Serial: 3794M

Communication System: UID:10169 - CAF, LTE-FDD; MAIA: Y; Frequency: 680.500 MHz

Medium: Head Simulating Liquid; Medium parameters used:

f = 680.500 MHz; cond = 0.866 S/m; perm = 43.8; density = 1000 kg/m³

Phantom Section: Flat; Space: 5.00 mm

Test Date: 5/18/2026; Ambient Temp: 20.5°C; Tissue Temp: 21.1°C

Probe: EX3DV4 - SN7565; ConvF:(10.72,9.16,8.59); Calibrated: 2026-01-14

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

Electronics: DAE4 Sn1466; Calibrated: 2026-01-12

Phantom: Twin-SAM V5.0; Serial: 1715

Measurement SW: DASY Module SAR V16.4.0.5005

**Mode: LTE Band 71, Antenna E, Exp: Body-worn/Hotspot| Back Side, 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 (33.0 x 33.0 x 31.2): Measurement grid: dx=5.5 mm, dy=5.5 mm, dz=1.5 mm; Graded Ratio: 1.5

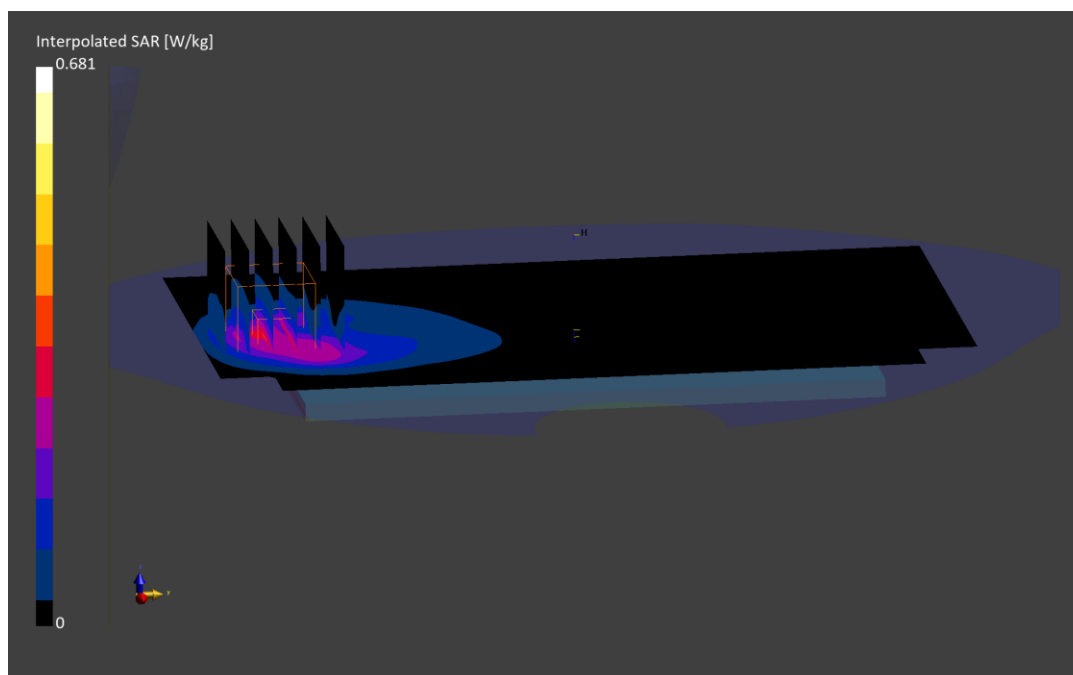
Reference Value = 0.23 W/kg; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 0.681 W/kg

SAR(1 g) = 0.299 W/kg

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

Ratio of SAR at M2 to SAR at M1 = 75.4 %



ELEMENT

DUT: A3LSMA576U; Type: Portable Handset; Serial: 3794M

Communication System: UID:10770 - AAE, CW; MAIA: Y; Frequency: 680.500 MHz

Medium: Head Simulating Liquid; Medium parameters used:

f = 680.500 MHz; cond = 0.846 S/m; perm = 40.6; density = 1000 kg/m³

Phantom Section: LeftHead; Space: 0.00 mm

Test Date: 05/20/2026; Ambient Temp: 22.0°C; Tissue Temp: 21.6°C

Probe: EX3DV4 - SN7565; ConvF:(10.72,9.16,8.59); Calibrated: 2026-01-14

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

Electronics: DAE4 Sn1466; Calibrated: 2026-01-12

Phantom: Twin-SAM V5.0; Serial: 1715

Measurement SW: DASY Module SAR V16.4.0.5005

**Mode: NR Band n71, Antenna E, Exp: Head| Left Tilt, Ch. 136100,
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 (30.0 x 30.0 x 31.2): Measurement grid: dx=6.0 mm, dy=6.0 mm, dz=1.5 mm; Graded Ratio: 1.5

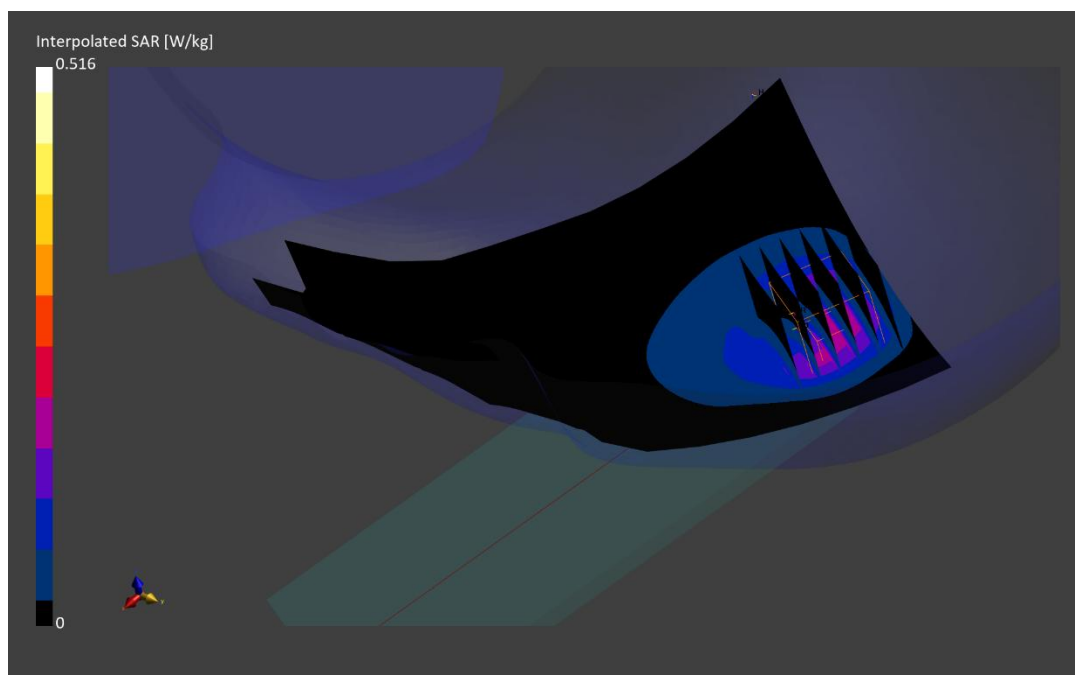
Reference Value = 0.15 W/kg; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 0.516 W/kg

SAR(1 g) = 0.198 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 = 67.8 %



ELEMENT

DUT: A3LSMA576U; Type: Portable Handset; Serial: 3794M

Communication System: UID:10770 - AAE, CW; MAIA: Y; Frequency: 680.500 MHz

Medium: Head Simulating Liquid; Medium parameters used:

$f = 680.500$ MHz; $\text{cond} = 0.846$ S/m; $\text{perm} = 40.6$; $\text{density} = 1000$ kg/m³

Phantom Section: Flat; Space: 5.00 mm

Test Date: 05/20/2026; Ambient Temp: 22.0°C; Tissue Temp: 21.6°C

Probe: EX3DV4 - SN7565; ConvF:(10.72,9.16,8.59); Calibrated: 2026-01-14

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

Electronics: DAE4 Sn1466; Calibrated: 2026-01-12

Phantom: Twin-SAM V5.0; Serial: 1715

Measurement SW: DASY Module SAR V16.4.0.5005

**Mode: NR Band n71, Antenna E, Exp: Body-worn/Hotspot| Back Side, Ch. 136100,
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 (34.2 x 34.2 x 31.2): Measurement grid: $dx=5.7$ mm, $dy=5.7$ mm, $dz=1.5$ mm; Graded Ratio: 1.5

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

Peak SAR (extrapolated) = 0.491 W/kg

SAR(1 g) = 0.224 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 = 76.2 %

