

APPENDIX A: SAR TEST PLOTS

ELEMENT

DUT: A3LSMI610; Type: Portable Device; Serial: 1768M

Communication System: UID:11026 - AAB, WLAN; MAIA: Y; Frequency: 6745.000 MHz

Medium: 6000 Head; Medium parameters used:

$f = 6745.000$ MHz; $\text{cond} = 6.36$ S/m; $\text{perm} = 33.2$; $\text{density} = 1000$ kg/m³

Phantom Section: Facedown; Space: 0.00 mm

Test Date: 07/28/2025; Ambient Temp: 22.7°C; Tissue Temp: 21.9°C

Probe: EX3DV4 - SN7570; ConvF:(5.35,5.65,5.29); Calibrated: 2025-02-10

Sensor-Surface: 3.0mm (VMS + 6p)

Electronics: DAE4ip Sn1638; Calibrated: 2025-02-07

Phantom: SAM-FaceDown V10.0; Serial: 1116

Measurement SW: DASY Module SAR V16.4.0.5005

**Mode: 6 GHz WIFI/ IEEE 802.11be, Antenna 1, 320 MHz Bandwidth, U-NII-7, Exp: Head|
Headstand, Ch. 159, 136.1 Mbps**

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

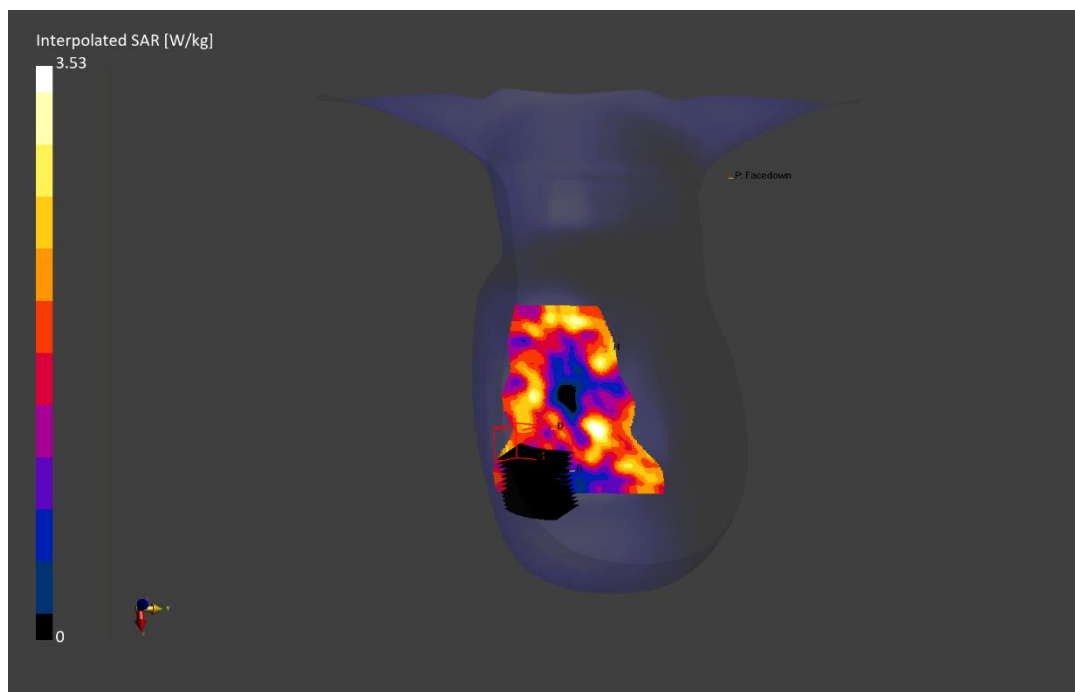
Reference Value = 0.00 W/kg; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 3.53 W/kg

SAR(1 g) = 0.030 W/kg; APD(4cm²) = 0.075 W/m²

Smallest distance from peaks to all points 3 dB below is 0.8 mm

Ratio of SAR at M2 to SAR at M1 = 71.4 %



ELEMENT

DUT: A3LSMI610; Type: Portable Device; Serial: 1768M

Communication System: UID:11026 - AAB, WLAN; MAIA: Y; Frequency: 6745.000 MHz

Medium: 6000 Head; Medium parameters used:

f = 6745.000 MHz; cond = 6.36 S/m; perm = 33.2; density = 1000 kg/m³

Phantom Section: Flat; Space: 0.00 mm

Test Date: 07/28/2025; Ambient Temp: 22.7°C; Tissue Temp: 21.9°C

Probe: EX3DV4 - SN7570; ConvF:(5.35,5.65,5.29); Calibrated: 2025-02-10

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

Electronics: DAE4ip Sn1638; Calibrated: 2025-02-07

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

Measurement SW: DASY Module SAR V16.4.0.5005

**Mode: 6 GHz WIFI/ IEEE 802.11be, Antenna 1, 320 MHz Bandwidth, U-NII-7, Exp:
Extremity| Front Side, Ch. 159, 136.1 Mbps**

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

Zoom Scan (22.0 x 22.0 x 22.0): Measurement grid: dx=1.5 mm, dy=1.5 mm, dz=1.4 mm; Graded Ratio: 1.4

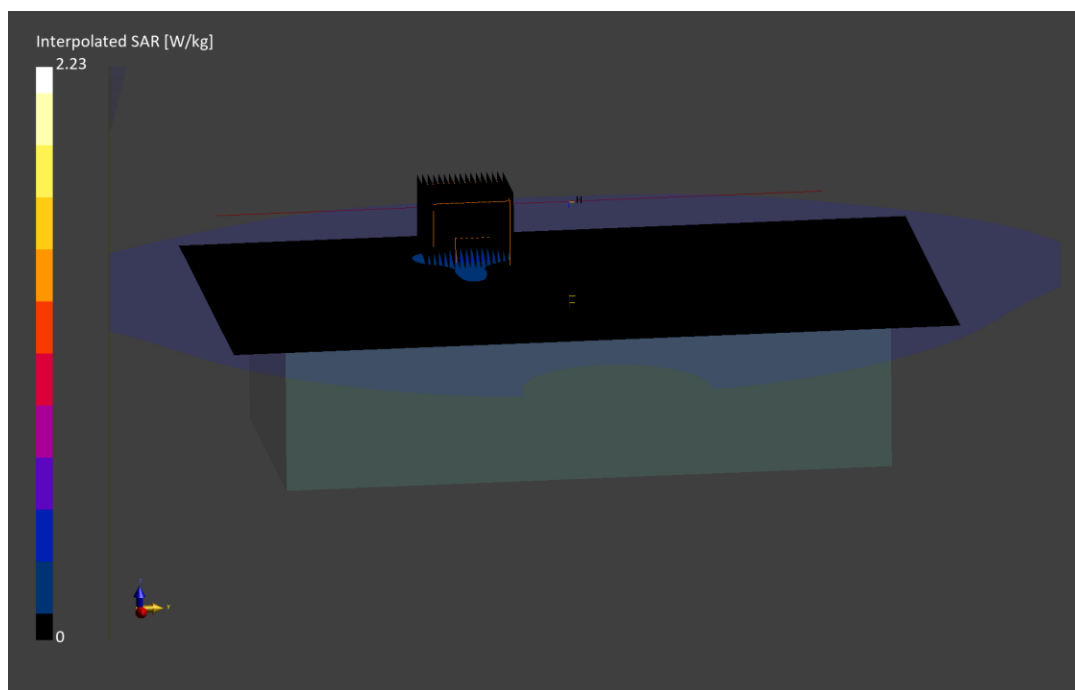
Reference Value = 0.18 W/kg; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 2.23 W/kg

SAR(10 g) = 0.137 W/kg; APD(4cm²) = 3.13 W/m²

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

Ratio of SAR at M2 to SAR at M1 = 50.1 %



Date: 2025-07-31

Mode: 6GHz WIFI/ IEEE 802.11be, Antenna 2, 320 MHz Bandwidth, U-NII-5, Exp: Front Side, Ch. 95, 136.1 Mbps

Device Under Test Properties

DUT	Serial Number	DUT Type
A3LSMI610	1768M	Portable Device

Exposure Conditions

Phantom Section	Position	Test Distance [mm]	Channel	Group, UID	Frequency [MHz]
5G	FRONT	2.00	95	11026	6425.0

Hardware Setup

Probe, Calibration Date	DAE, Calibration Date
EUmmWV3 - SN9389, 2025-01-08	DAE4 - SN1449, 2024-09-10

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]	0.05 x 0.05
Sensor Surface [mm]	2.0

Measurement Results

Scan Type	5G Scan
Avg. Area [cm²]	4.00
pS _{tot} avg [W/m²]	4.02
pS _n avg [W/m²]	3.90
E _{peak} [V/m]	52.5
Power Drift [dB]	-0.17

