

APPENDIX A: SAR TEST PLOTS

ELEMENT

DUT: A3LSMX930; Type: Portable Computing Device; Serial: 2342M

Communication System: UID:10415 - AAA, WLAN; MAIA: Y; Frequency: 2462.000 MHz

Medium: Head Simulating Liquid; Medium parameters used:

$f = 2462.000$ MHz; $\text{cond} = 1.80$ S/m; $\text{perm} = 39.7$; $\text{density} = 1000$ kg/m³

Phantom Section: Flat; Space: 0.00 mm

Test Date: 06/30/2025; Ambient Temp: 24.1°C; Tissue Temp: 22.9°C

Probe: EX3DV4 - SN7488; ConvF:(7.82,7.63,7.61); Calibrated: 2025-03-07

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

Electronics: DAE4 Sn1415; Calibrated: 2025-03-11

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

Measurement SW: DASY Module SAR V16.4.0.5005

**Mode: 2.4 GHz WIFI/ IEEE 802.11b, Antenna WIFI 0, 22 MHz Bandwidth,
Exp: Body| Back Side, Ch. 11, 1Mbps**

Area Scan (240.0 x 360.0): Measurement grid: $dx=10.0$ mm, $dy=10.0$ mm

Zoom Scan (37.4 x 37.4 x 33.4): Measurement grid: $dx=3.4$ mm, $dy=3.4$ mm, $dz=1.4$ mm; Graded Ratio: 1.4

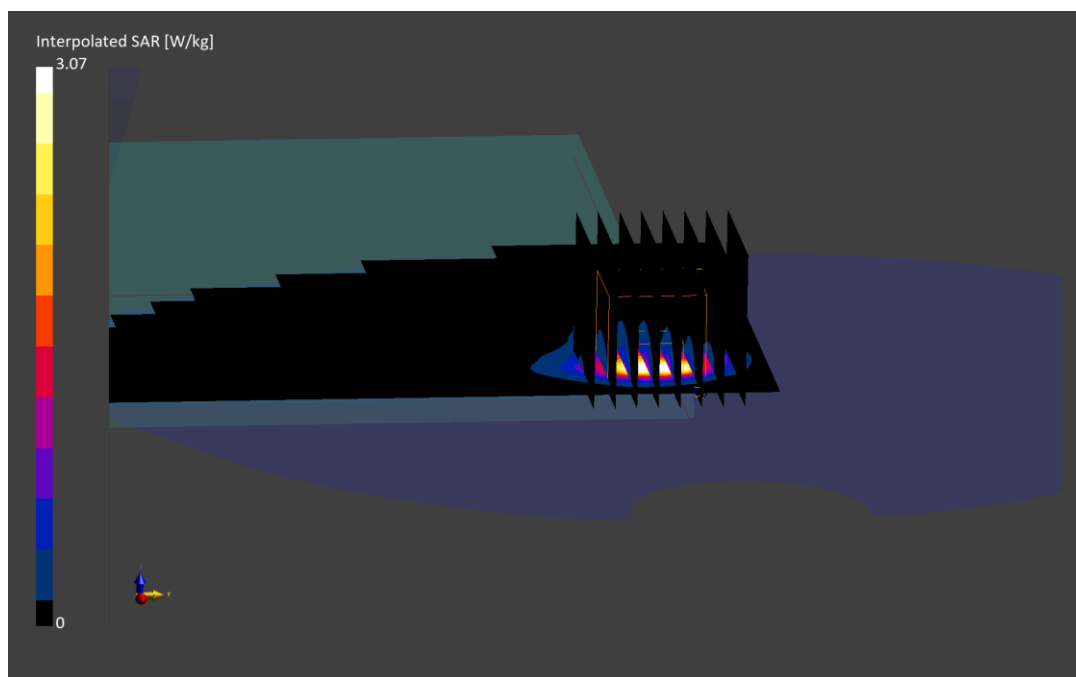
Reference Value = 0.77 W/kg; Power Drift = 0.10 dB

Peak SAR (extrapolated) = 3.07 W/kg

SAR(1 g) = 0.946 W/kg

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

Ratio of SAR at M2 to SAR at M1 = 69.8 %



ELEMENT

DUT: A3LSMX930; Type: Portable Computing Device; Serial: 0328M

Communication System: UID:10415 - AAA, WLAN; MAIA: Y; Frequency: 2462.000 MHz

Medium: Head Simulating Liquid; Medium parameters used:

$f = 2462.000$ MHz; $\text{cond} = 1.81$ S/m; $\text{perm} = 37.5$; $\text{density} = 1000$ kg/m³

Phantom Section: Flat; Space: 0.00 mm

Test Date: 07/09/2025; Ambient Temp: 24.7°C; Tissue Temp: 22.3°C

Probe: EX3DV4 - SN7410; ConvF:(7.07,6.98,7.38); Calibrated: 2024-12-05

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

Electronics: DAE4 Sn1213; Calibrated: 2024-12-04

Phantom: Twin-SAM V8.0; Serial: 1978

Measurement SW: DASY Module SAR V16.4.0.5005

**Mode: 2.4 GHz WIFI/ IEEE 802.11b, Antenna WIFI 0, 22 MHz Bandwidth,
Exp: Laptop| Bottom Edge, Ch. 11, 1Mbps**

Area Scan (40.0 x 360.0): Measurement grid: $dx=5.0$ mm, $dy=12.0$ mm

Zoom Scan (30.0 x 35.0 x 31.2): Measurement grid: $dx=5.0$ mm, $dy=5.0$ mm, $dz=1.5$ mm; Graded Ratio: 1.5

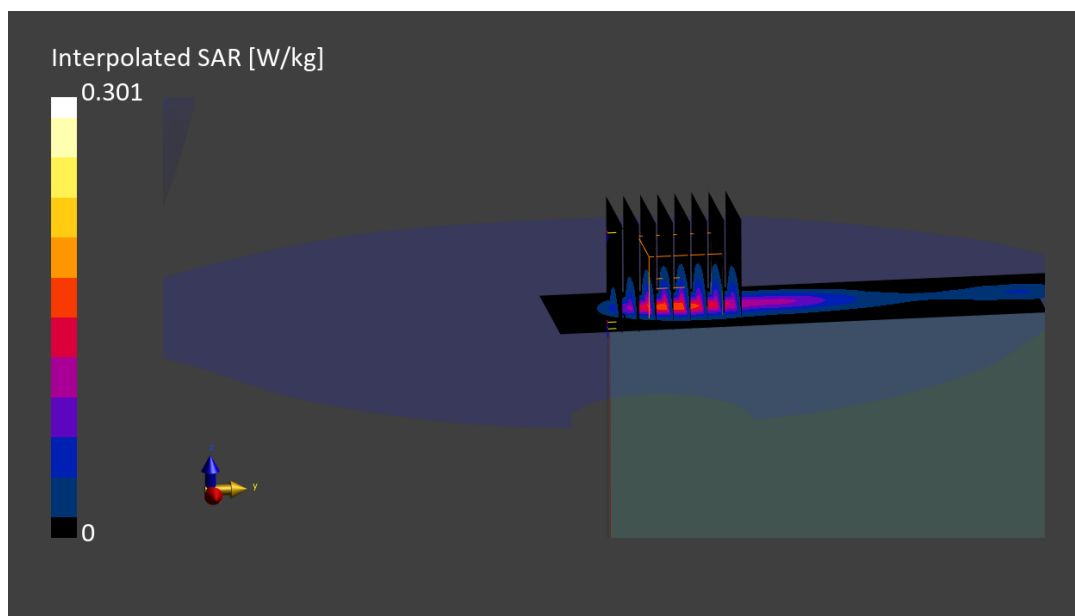
Reference Value = 0.09 W/kg; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 0.301 W/kg

SAR(1 g) = 0.129 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 = 77.0 %



ELEMENT

DUT: A3LSMX930; Type: Portable Computing Device; Serial: 2312M

Communication System: UID:10544 - AAD, WLAN; MAIA: Y; Frequency: 5775.000 MHz

Medium: 5200-5800 Head; Medium parameters used:

f = 5775.000 MHz; cond = 5.28 S/m; perm = 35.0; density = 1000 kg/m³

Phantom Section: Flat; Space: 0.00 mm

Test Date: 06/22/2025; Ambient Temp: 20.7°C; Tissue Temp: 19.6°C

Probe: EX3DV4 - SN7718; ConvF:(5.03,5.02,5.19); Calibrated: 2025-04-08

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

Electronics: DAE4 Sn1407; Calibrated: 2025-04-07

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

Measurement SW: DASY Module SAR V16.4.0.5005

**Mode: 5 GHz WIFI/ IEEE 802.11ac, Antenna WIFI 1, 80 MHz Bandwidth, U-NII-3,
Exp: Body| Right Edge, Ch. 155, 29.3 Mbps**

Area Scan (40.0 x 360.0): Measurement grid: dx=5.0 mm, dy=10.0 mm

Zoom Scan (30.0 x 30.0 x 25.0): Measurement grid: dx=2.5 mm, dy=2.5 mm, dz=1.2 mm; Graded Ratio: 1.2

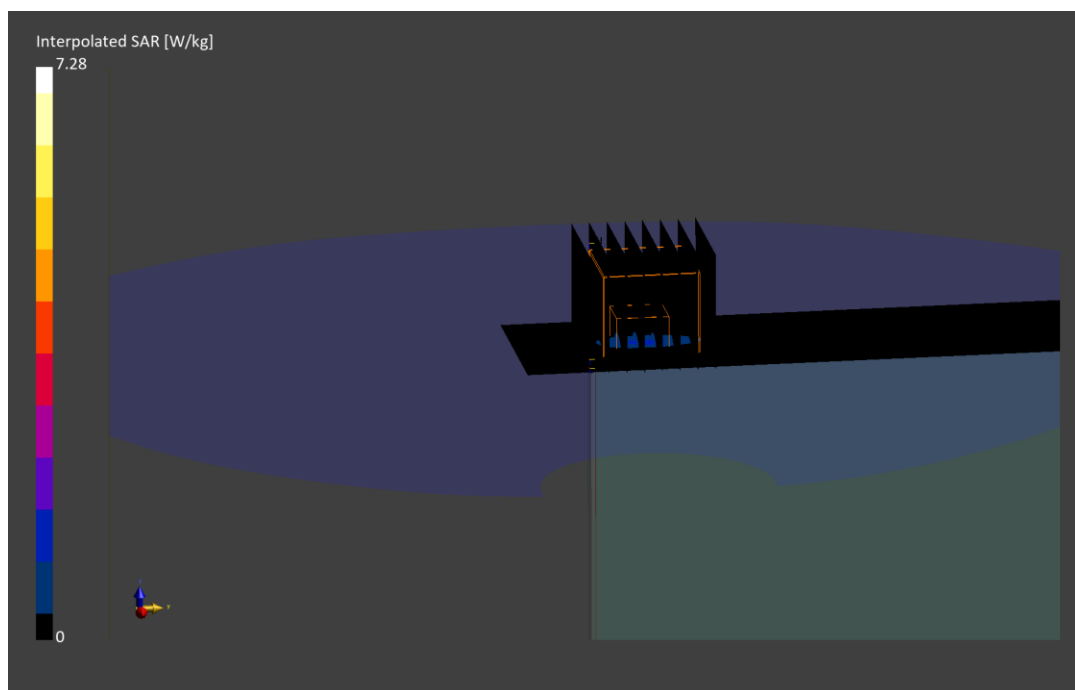
Reference Value = 0.68 W/kg; Power Drift = 0.00 dB

Peak SAR (extrapolated) = 7.28 W/kg

SAR(1 g) = 0.950 W/kg

Smallest distance from peaks to all points 3 dB below is 3.5 mm

Ratio of SAR at M2 to SAR at M1 = 53.5 %



ELEMENT

DUT: A3LSMX930; Type: Portable Computing Device; Serial: 2342M

Communication System: UID:10544 - AAD, CW; MAIA: Y; Frequency: 5855.000 MHz

Medium: Head Simulating Liquid; Medium parameters used:

$f = 5855.000$ MHz; $\text{cond} = 5.33$ S/m; $\text{perm} = 35.2$; $\text{density} = 1000$ kg/m³

Phantom Section: Flat; Space: 0.00 mm

Test Date: 06/20/2025; Ambient Temp: 22.0°C; Tissue Temp: 20.0°C

Probe: EX3DV4 - SN7803; ConvF:(4.78,4.89,4.97); Calibrated: 2024-06-28

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

Electronics: DAE4 Sn1583; Calibrated: 2024-07-08

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

Measurement SW: DASY Module SAR V16.4.0.5005

**Mode: 5 GHz WIFI/ IEEE 802.11ac, Antenna MIMO, 80 MHz Bandwidth, U-NII-4,
Exp: Laptop| Bottom Edge, Ch. 171, 58.5 Mbps**

Area Scan (40.0 x 370.0): Measurement grid: $dx=5.0$ mm, $dy=10.0$ mm

Zoom Scan (24.0 x 24.0 x 22.9): Measurement grid: $dx=4.0$ mm, $dy=4.0$ mm, $dz=1.4$ mm; Graded Ratio: 1.4

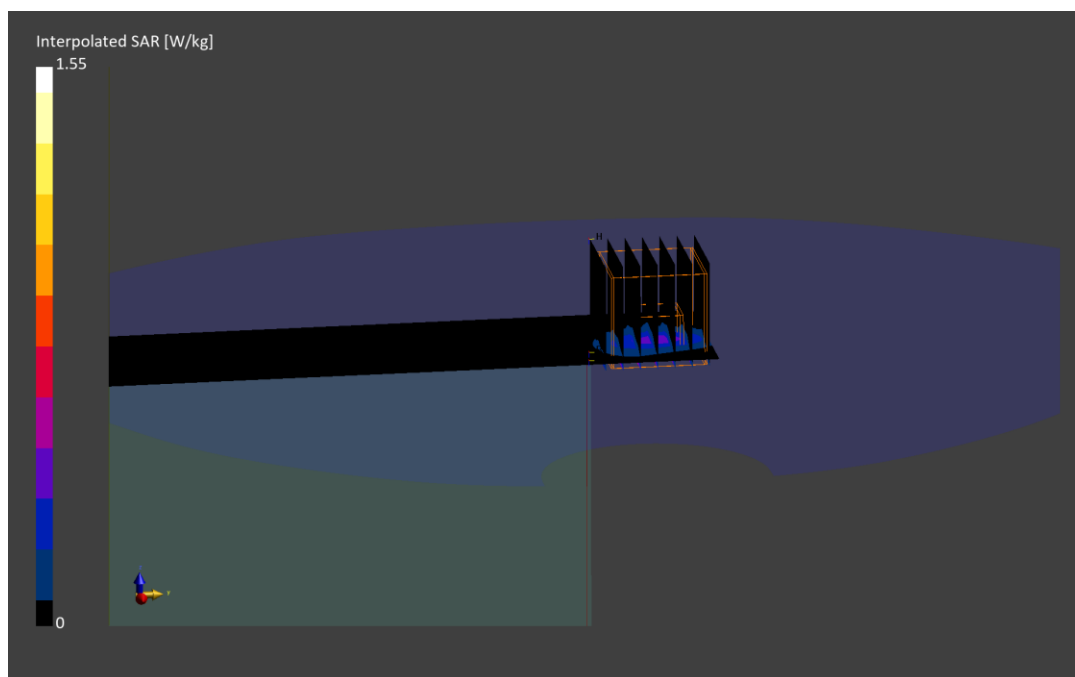
Reference Value = 0.28 W/kg; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 1.55 W/kg

SAR(1 g) = 0.331 W/kg

Smallest distance from peaks to all points 3 dB below is 7.2 mm

Ratio of SAR at M2 to SAR at M1 = 52.7 %



ELEMENT

DUT: A3LSMX930; Type: Portable Computing Device; Serial: 0315M

Communication System: UID:10755 - AAC, WLAN; MAIA: Y; Frequency: 6025.000 MHz

Medium: Head Simulating Liquid; Medium parameters used:

$f = 6025.000$ MHz; $\text{cond} = 5.36$ S/m; $\text{perm} = 35.4$; $\text{density} = 1000$ kg/m³

Phantom Section: Flat; Space: 0.00 mm

Test Date: 07/08/2025; Ambient Temp: 23.4°C; Tissue Temp: 21.6°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 802.11ax, Antenna MIMO (1), 160 MHz Bandwidth, U-NII-5, Exp:
Body| Back Side, Ch. 15, 136.1 Mbps**

Area Scan (255.0 x 357.0): Measurement grid: $dx=8.5$ mm, $dy=8.5$ mm

Zoom Scan (29.7 x 29.7 x 22.9): Measurement grid: $dx=2.7$ mm, $dy=2.7$ mm, $dz=1.4$ mm; Graded Ratio: 1.4

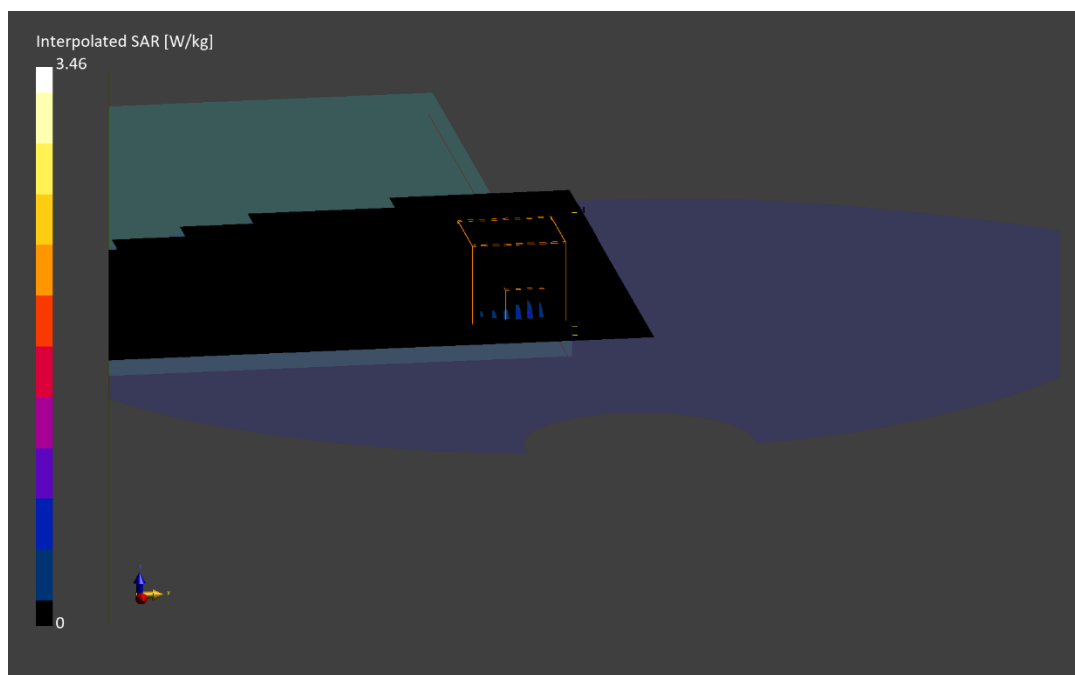
Reference Value = 0.20 W/kg; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 3.46 W/kg

SAR(1 g) = 0.504 W/kg; APD(4cm²) = 2.65 W/m²

Smallest distance from peaks to all points 3 dB below is 3.1 mm

Ratio of SAR at M2 to SAR at M1 = 45.0 %



ELEMENT

DUT: A3LSMX930; Type: Portable Computing Device; Serial: 1055M

Communication System: UID:10755 - AAC, WLAN; MAIA: Y; Frequency: 6025.000 MHz

Medium: 6000 Head; Medium parameters used:

$f = 6025.000$ MHz; $\text{cond} = 5.67$ S/m; $\text{perm} = 34.8$; $\text{density} = 1000$ kg/m³

Phantom Section: Flat; Space: 0.00 mm

Test Date: 06/27/2025; Ambient Temp: 24.6°C; Tissue Temp: 21.1°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 802.11ax, Antenna MIMO, 160 MHz Bandwidth, U-NII-5,
Exp: Laptop| Bottom Edge, Ch. 15, 136.1 Mbps**

Area Scan (45.0 x 357.0): Measurement grid: $dx=5.0$ mm, $dy=8.5$ mm

Zoom Scan (24.3 x 24.3 x 22.9): Measurement grid: $dx=2.7$ mm, $dy=2.7$ mm, $dz=1.4$ mm; Graded Ratio: 1.4

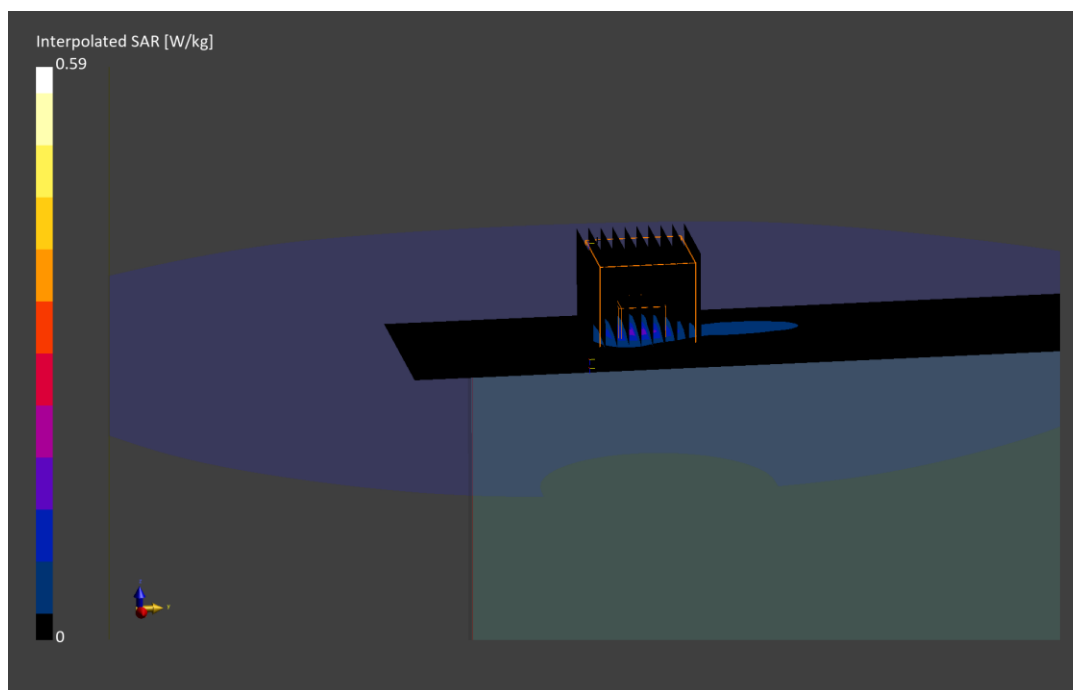
Reference Value = 0.00 W/kg; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 0.590 W/kg

SAR(1 g) = 0.128 W/kg; APD(4cm²) = 0.880 W/m²

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

Ratio of SAR at M2 to SAR at M1 = 54.6 %



ELEMENT

DUT: A3LSMX930; Type: Portable Computing Device; Serial: 2342M

Communication System: UID:10032 - CAA, Bluetooth; MAIA: Y; Frequency: 2480.000 MHz

Medium: 2450 Head; Medium parameters used:

$f = 2480.000$ MHz; $\text{cond} = 1.81$ S/m; $\text{perm} = 40.2$; $\text{density} = 1000$ kg/m³

Phantom Section: Flat; Space: 0.00 mm

Test Date: 06/25/2025; Ambient Temp: 23.6°C; Tissue Temp: 21.1°C

Probe: EX3DV4 - SN7713; ConvF:(8.4,7.82,7.61); Calibrated: 2025-01-07

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

Electronics: DAE4 Sn1530; Calibrated: 2025-01-13

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

Measurement SW: DASY Module SAR V16.4.0.5005

Mode: 2.4 GHz Bluetooth, Antenna WIFI 1, Exp: Body| Right Edge, Ch. 78, 1 Mbps

Area Scan (40.0 x 360.0): Measurement grid: $dx=5.0$ mm, $dy=10.0$ mm

Zoom Scan (32.0 x 32.0 x 31.2): Measurement grid: $dx=3.2$ mm, $dy=3.2$ mm, $dz=1.5$ mm; Graded Ratio: 1.5

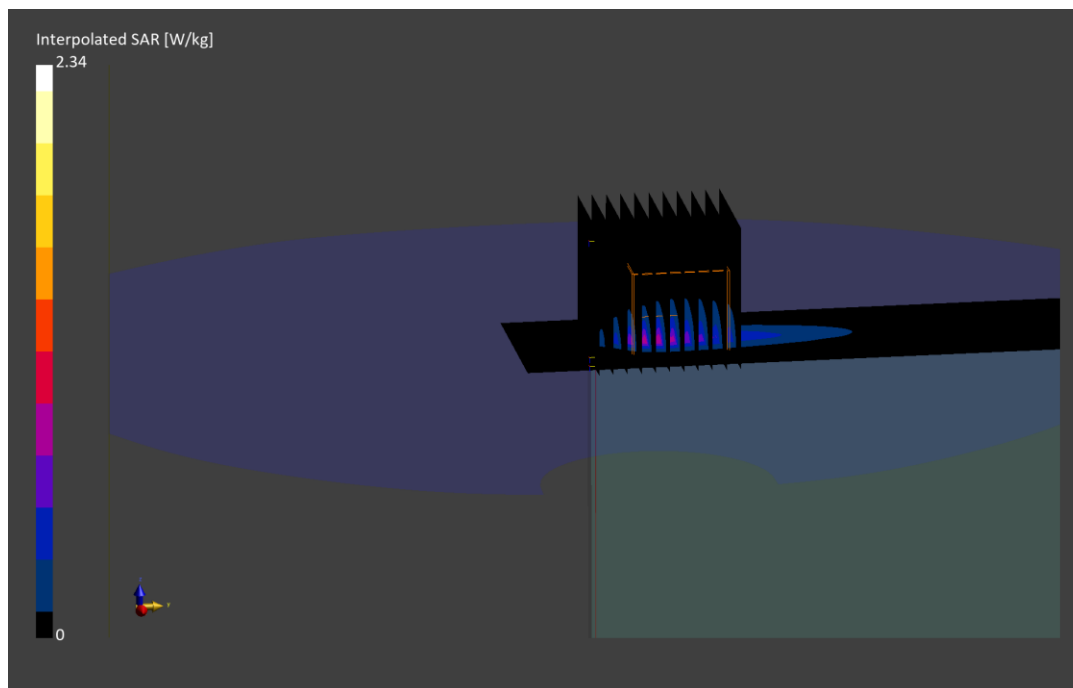
Reference Value = 0.63 W/kg; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 2.34 W/kg

SAR(1 g) = 0.660 W/kg

Smallest distance from peaks to all points 3 dB below is 4.9 mm

Ratio of SAR at M2 to SAR at M1 = 65.4 %



ELEMENT

DUT: A3LSMX930; Type: Portable Computing Device; Serial: 1062M

Communication System: UID:10032 - CAA, Bluetooth; MAIA: Y; Frequency: 2480.000 MHz

Medium: Head Simulating Liquid; Medium parameters used:

f = 2480.000 MHz; cond = 1.81 S/m; perm = 39.8; density = 1000 kg/m³

Phantom Section: Flat; Space: 0.00 mm

Test Date: 06/30/2025; Ambient Temp: 23.5°C; Tissue Temp: 21.6°C

Probe: EX3DV4 - SN7713; ConvF:(8.4,7.82,7.61); Calibrated: 2025-01-07

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

Electronics: DAE4 Sn1530; Calibrated: 2025-01-13

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

Measurement SW: DASY Module SAR V16.4.0.5005

Mode: 2.4 GHz Bluetooth, Antenna WIFI 0, Exp: Laptop| Bottom Edge, Ch. 78, 1 Mbps

Area Scan (40.0 x 360.0): Measurement grid: dx=5.0 mm, dy=10.0 mm

Zoom Scan (30.0 x 35.0 x 31.2): Measurement grid: dx=5.0 mm, dy=5.0 mm, dz=1.5 mm; Graded Ratio: 1.5

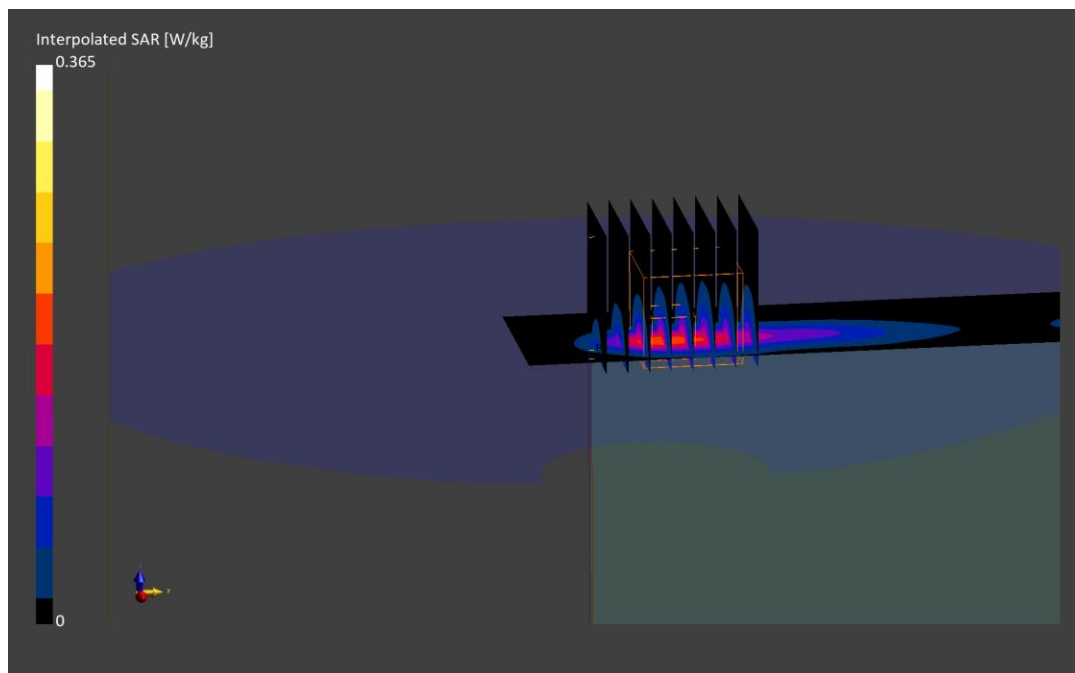
Reference Value = 0.16 W/kg; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.365 W/kg

SAR(1 g) = 0.151 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 = 74.5 %



Date: 2025-07-07

Mode: 6GHz WIFI/ IEEE 802.11ax, Antenna WIFI 0, 160 MHz Bandwidth, U-NII-5, Exp: Body| Back Side, Ch. 15, 68.1 Mbps

Device Under Test Properties

DUT	Serial Number	DUT Type
A3LSMX930	1052M	Portable Computing Device

Exposure Conditions

Phantom Section	Position	Test Distance [mm]	Channel	Group, UID	Frequency [MHz]
5G	BACK	2.00	15	10755	6025.0

Hardware Setup

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

Software Setup

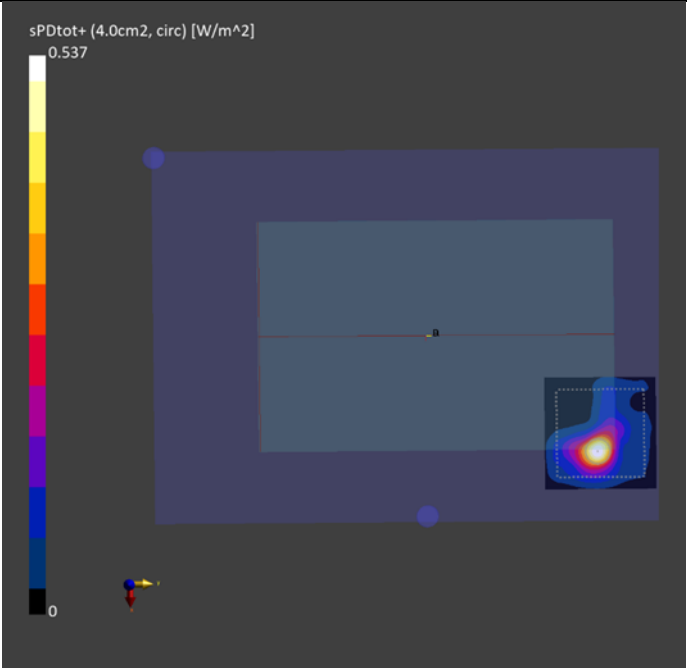
Software	Software Version
cDASY6 Module mmWave	3.2.0.1840

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]	0.537
pS _n avg [W/m²]	0.488
E _{peak} [V/m]	22.3
Power Drift [dB]	0.16



Date: 2025-06-30

Mode: 6GHz WIFI/ IEEE 802.11ax, Antenna MIMO, 160 MHz Bandwidth, U-NII-5, Exp: Laptop| Bottom Edge, Ch. 15, 136.1 Mbps

Device Under Test Properties

DUT	Serial Number	DUT Type
A3LSMX930	1052M	Portable Computing Device

Exposure Conditions

Phantom Section	Position	Test Distance [mm]	Channel	Group, UID	Frequency [MHz]
5G	EDGE LEFT	2.00	15	10755	6025.0

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]	0.439
pS _n avg [W/m²]	0.386
E _{peak} [V/m]	15.7
Power Drift [dB]	0.15

