

APPENDIX A: TEST PLOTS

ELEMENT

DUT: A3LSMF731B; Type: Portable Handset; Serial: WD60215M

Communication System: UID:10731 - AAC, WLAN; MAIA: Y; Frequency: 6545.0 MHz
Medium: 6000 Head; Medium parameters used:
f = 6545.0 MHz; cond = 6.22 S/m; perm = 33.7; density = 1000 kg/m³
Phantom Section: RightHead; Space: 0.00 mm

Test Date: 05/22/2023; Ambient Temp: 22.1°C; Tissue Temp: 21.0°C

Probe: EX3DV4 - SN7308; ConvF:(5.2,5.2,5.2); Calibrated: 2023-02-13
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn467; Calibrated: 2023-02-15
Phantom: Twin-SAM V4.0; Serial: 1275
Measurement SW: DASY Module SAR V16.2.0.1425

**Mode: IEEE 802.11ax, 80 MHz Bandwidth, UNII-7, MIMO, Ch. 119,
Right Head, Cheek, 68.1 Mbps**

Area Scan (102.0 x 204.0): Measurement grid: dx=8.5 mm, dy=8.5 mm

Zoom Scan (22.0 x 22.0 x 22.0): Measurement grid: dx=2.5 mm, dy=2.5 mm, dz=1.2 mm; Graded
Ratio: 1.2

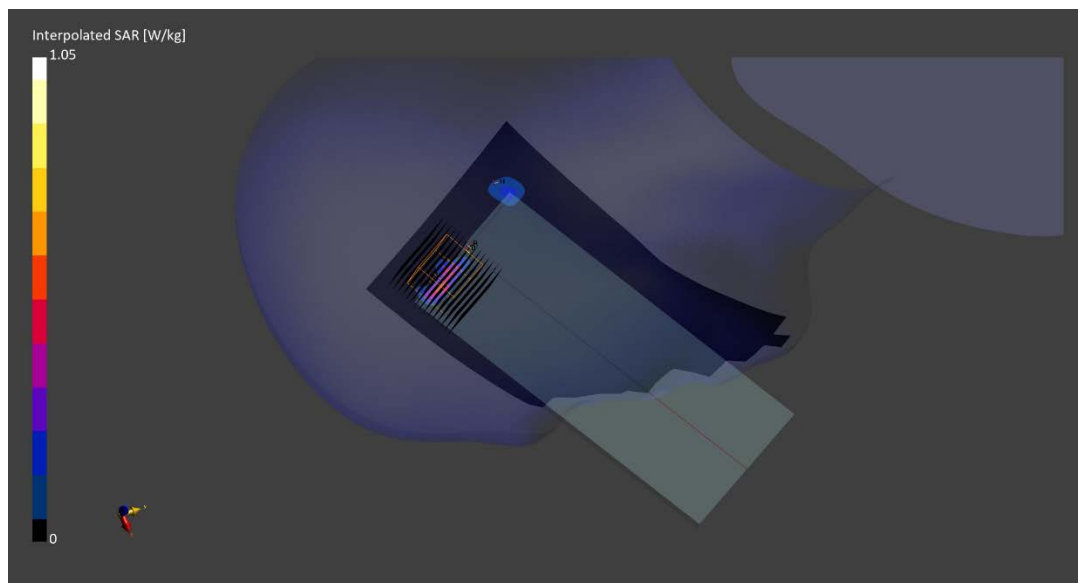
Reference Value = -0.01 W/kg; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 1.05 W/kg

SAR(1 g) = 0.041 W/kg; APD(4cm²) = 0.199 W/m²

Smallest distance from peaks to all points 3 dB below is 3.9 mm

Ratio of SAR at M2 to SAR at M1 = 64.8 %



ELEMENT

DUT: A3LSMF731B; Type: Portable Handset; Serial: WD60215M

Communication System: UID:10731 - AAC, WLAN; MAIA: Y; Frequency: 6545.0 MHz

Medium: 6000 Head; Medium parameters used:

$f = 6545.0$ MHz; $\text{cond} = 6.295$ S/m; $\text{perm} = 33.187$; $\text{density} = 1000$ kg/m³

Phantom Section: Flat; Space: 0.00 mm

Test Date: 05/01/2023; Ambient Temp: 21.1°C; Tissue Temp: 21.00°C

Probe: EX3DV4 - SN7308; ConvF:(5.2,5.2,5.2); Calibrated: 2023-02-13

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

Electronics: DAE4 Sn467; Calibrated: 2023-02-15

Phantom: Twin-SAM V4.0; Serial: 1275

Measurement SW: DASY Module SAR V16.2.0.1425

**Mode: IEEE 802.11ax, 80 MHz Bandwidth, UNII-7, MIMO, Ch. 119,
Body SAR, Back Side, 68.1 Mbps**

Area Scan (102.0 x 204.0): Measurement grid: $dx=8.5$ mm, $dy=8.5$ mm

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

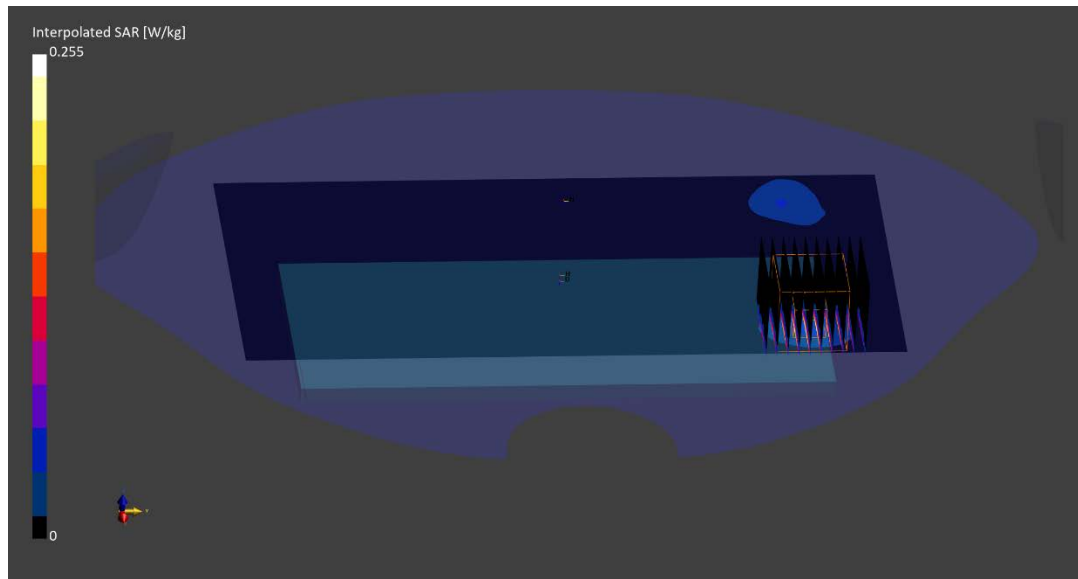
Reference Value = 1.75 W/kg; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 0.254 W/kg

SAR(1 g) = 0.053 W/kg; APD(4cm²) = 0.432 W/m²

Smallest distance from peaks to all points 3 dB below is 3.8 mm

Ratio of SAR at M2 to SAR at M1 = 51.5 %



ELEMENT

DUT: A3LSMF731B; Type: Portable Handset; Serial: WD60215M

Communication System: UID:10731 - AAC, WLAN; MAIA: Y; Frequency: 6305.0 MHz
Medium: 6000 Head; Medium parameters used:
f = 6305.0 MHz; cond = 6.00 S/m; perm = 33.8; density = 1000 kg/m³
Phantom Section: Flat; Space: 0.00 mm

Test Date: 05/01/2023; Ambient Temp: 21.1°C; Tissue Temp: 21.00°C

Probe: EX3DV4 - SN7308; ConvF:(5.2,5.2,5.2); Calibrated: 2023-02-13
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn467; Calibrated: 2023-02-15
Phantom: Twin-SAM V4.0; Serial: 1275
Measurement SW: DASY Module SAR V16.2.0.1425

**Mode: IEEE 802.11ax, 80 MHz Bandwidth, UNII-5, MIMO, Ch. 71,
Body SAR, Back Side, 68.1 Mbps**

Area Scan (102.0 x 204.0): Measurement grid: dx=8.5 mm, dy=8.5 mm

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

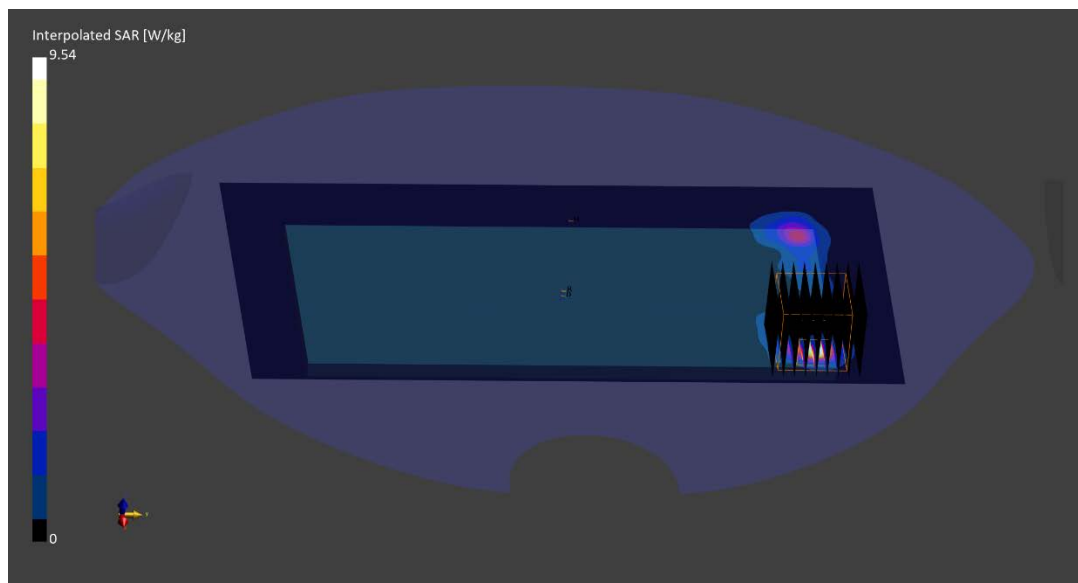
Reference Value = 2.75 W/kg; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 9.54 W/kg

SAR(10 g) = 0.356 W/kg; APD(4cm²) = 8.38 W/m²

Smallest distance from peaks to all points 3 dB below is 3.9 mm

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



Element

Date: 2023-05-09

MIMO PLS 13.5

Device Under Test Properties

DUT	Serial Number	DUT Type
A3LSMF731B	WD60164M	Portable Handset

Exposure Conditions

Phantom Section	Position	Test Distance [mm]	Band	Frequency [MHz]
5G	EDGE RIGHT	2.00	IEEE 802.11ax (80MHz, MCS0, 99pc duty cycle)	6305.0

Hardware/Software Setup

Probe, Calibration Date	DAE, Calibration Date	Software	Software Version
EUmmWV3 – SN9407, 2022-10-17	DAE4ip – SN1638, 2022-10-13	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]	3.40
pS _n avg [W/m²]	2.85
E _{peak} [V/m]	63.9
Power Drift [dB]	-0.16

