

APPENDIX A: TEST PLOTS

ELEMENT

DUT: A3LSMS918U; Type: Portable Handset; Serial: VIG1476M

Communication System: UID:10731 - AAC, WLAN; MAIA: Y; Frequency: 5985.0 MHz
Medium: 6000 Head; Medium parameters used:
f = 5985.0 MHz; cond = 5.50 S/m; perm = 34.8; density = 1000 kg/m³
Phantom Section: LeftHead; Space: 0.00 mm

Test Date: 11/01/2022; Ambient Temp: 22.4°C; Tissue Temp: 21.8°C

Probe: EX3DV4 - SN3914; ConvF:(5.5,5.5,5.5); Calibrated: 2022-05-17
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn728; Calibrated: 2022-05-10
Phantom: Twin-SAM V5.0; Serial: 1759
Measurement SW: DASY Module SAR V16.2.0.1425

**Mode: IEEE 802.11ax, 80 MHz Bandwidth, UNII-5, MIMO, Ch. 7,
Left Head, Cheek, 68.1 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

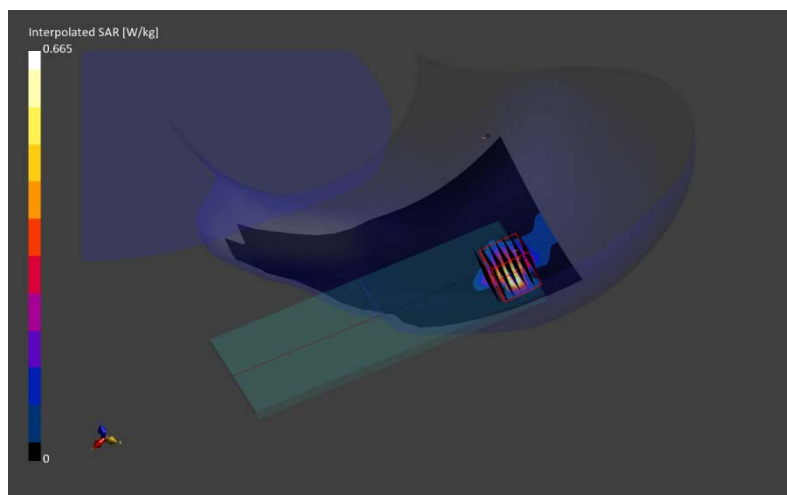
Reference Value = 0.17 W/kg; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 0.665 W/kg

SAR(1 g) = 0.144 W/kg; APD(4cm²) = 0.911 W/m²

Smallest distance from peaks to all points 3 dB below is 4.1 mm

Ratio of SAR at M2 to SAR at M1 = 59.7 %



ELEMENT

DUT: A3LSMS918U; Type: Portable Handset; Serial: VIG1476M

Communication System: UID:10731 - AAC, WLAN; MAIA: Y; Frequency: 6305.0 MHz

Medium: 6000 Head; Medium parameters used:

f = 6305.0 MHz; cond = 6.02 S/m; perm = 34.3; density = 1000 kg/m³

Phantom Section: Flat; Space: 15.00 mm

Test Date: 10/11/2022; Ambient Temp: 21.1 °C; Tissue Temp: 21.5 °C

Probe: EX3DV4 - SN3914; ConvF:(5.5,5.5,5.5); Calibrated: 2022-05-17

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

Electronics: DAE4 Sn728; Calibrated: 2022-05-10

Phantom: Twin-SAM V5.0; Serial: 1759

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 (119.0 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

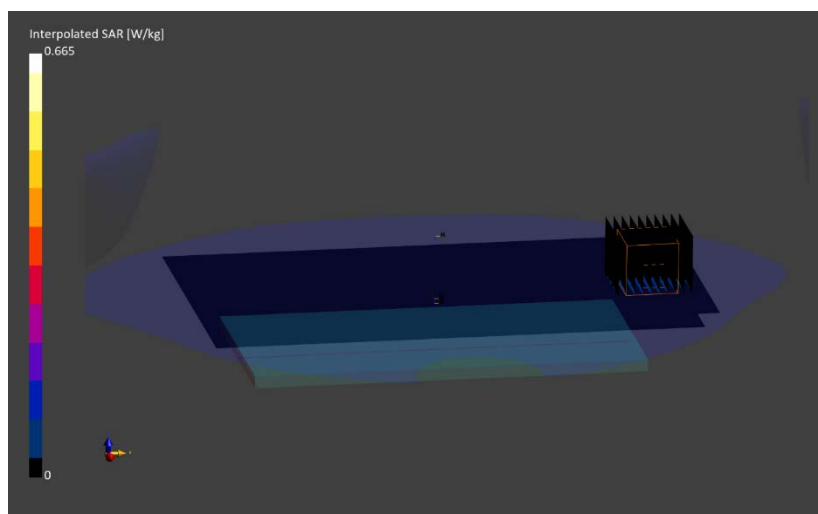
Reference Value = -0.00 W/kg; Power Drift = 0 dB

Peak SAR (extrapolated) = 0.164 W/kg

SAR(1 g) = 0.035 W/kg; APD(4cm²) = 0.292 W/m²

Smallest distance from peaks to all points 3 dB below is 7.4 mm

Ratio of SAR at M2 to SAR at M1 = 51.9 %



ELEMENT

DUT: A3LSMS918U; Type: Portable Handset; Serial: VIG1476M

Communication System: UID:10731 - AAC, WLAN; MAIA: Y; Frequency: 7025.0 MHz
Medium: 6000 Head; Medium parameters used:
f = 7025.0 MHz; cond = 6.88 S/m; perm = 32.9; density = 1000 kg/m³
Phantom Section: Flat; Space: 0.00 mm

Test Date: 10/11/2022; Ambient Temp: 21.1 °C; Tissue Temp: 21.5 °C

Probe: EX3DV4 - SN3914; ConvF:(5.5,5.5,5.5); Calibrated: 2022-05-17
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn728; Calibrated: 2022-05-10
Phantom: Twin-SAM V5.0; Serial: 1759
Measurement SW: DASY Module SAR V16.2.0.1425

**Mode: IEEE 802.11ax, 80 MHz Bandwidth, UNII-8, MIMO, Ch. 215,
Phablet SAR, Left Edge, 68.1 Mbps**

Area Scan (40.0 x 195.0): Measurement grid: dx=5.0 mm, dy=7.5 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

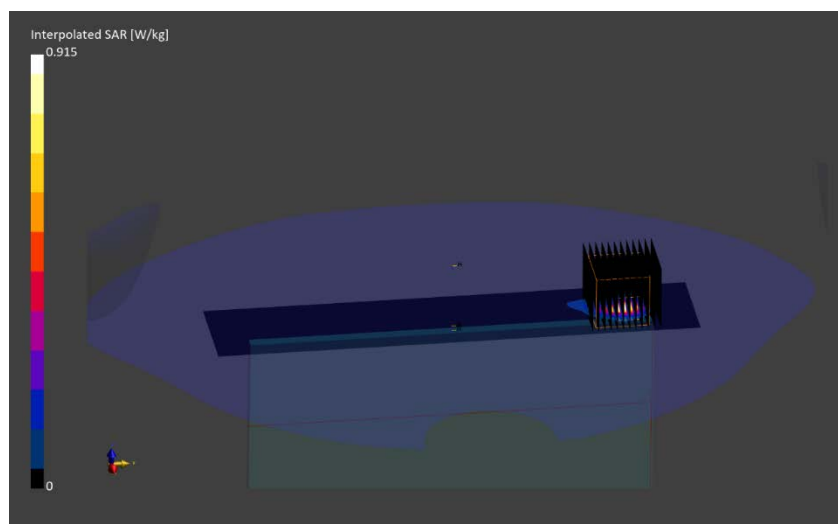
Reference Value = 0.78 W/kg; Power Drift = -0.10 dB

Peak SAR (extrapolated) = 6.06 W/kg

SAR(10 g) = 0.148 W/kg; APD(4cm²) = 3.55 W/m²

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

Ratio of SAR at M2 to SAR at M1 = 51.2 %



ELEMENT

DUT: A3LSMS918U; Type: Portable Handset; Serial: VIG1652M

Communication System: UID:0, CW; MAIA: Y; Frequency: 6489.6 MHz
Medium: 6000 Head; Medium parameters used:
f = 6489.6 MHz; cond = 6.12 S/m; perm = 33.8; density = 1000 kg/m³
Phantom Section: Flat; Space: 0.00 mm

Test Date: 10/19/2022; Ambient Temp: 23.5°C; Tissue Temp: 22.1°C

Probe: EX3DV4 - SN3914; ConvF:(5.5,5.5,5.5); Calibrated: 2022-05-17
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn728; Calibrated: 2022-05-10
Phantom: Twin-SAM V5.0; Serial: 1759
Measurement SW: DASY Module SAR V16.2.0.1425

Mode: UWB, Antenna 2, Phablet SAR, Top Edge, Ch. 5

Area Scan (40.0 x 119.0): Measurement grid: dx=5.0 mm, dy=8.5 mm

Zoom Scan (27.2 x 27.2 x 22.0): Measurement grid: dx=3.4 mm, dy=3.4 mm, dz=1.4 mm; Graded
Ratio: 1.4

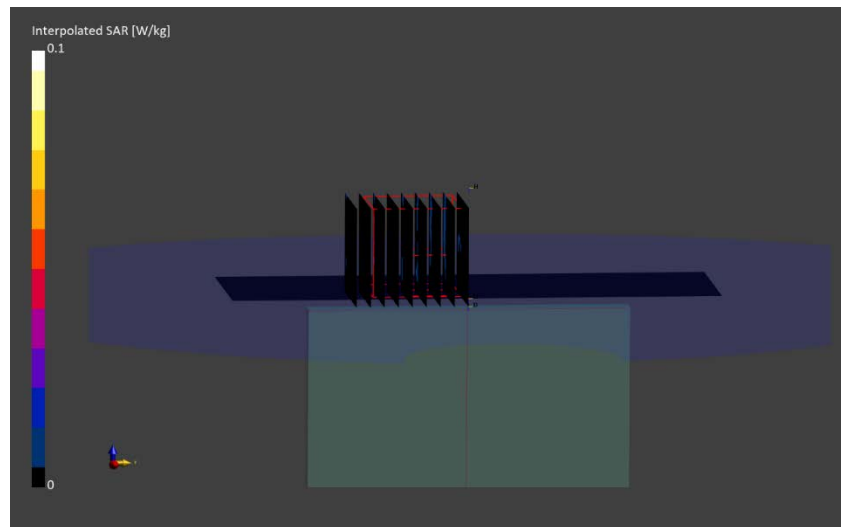
Reference Value = -0.01 W/kg; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 0.018 W/kg

SAR(10 g) = 0.002 W/kg; APD(4cm²) = 0.037 W/m²

Smallest distance from peaks to all points 3 dB below is 0.7 mm

Ratio of SAR at M2 to SAR at M1 = 54.4 %



Element

Date: 10/11/2022

MIMO; Channel 215; 802.11ax

Device Under Test Properties

DUT	Serial Number	DUT Type
A3LSMS918U	VIC1476M	Portable Handset

Exposure Conditions

Phantom Section	Position	Test Distance [mm]	Channel	Group, UID	Frequency [MHz]
5G	BACK	2.00	215	WLAN, 10731	7025.00

Hardware Setup

Probe, Calibration Date	DAE, Calibration Date
EUmWV4 - SN9541, 05/19/2022	DAE4ip SN1639, 01/21/2022

Software Setup

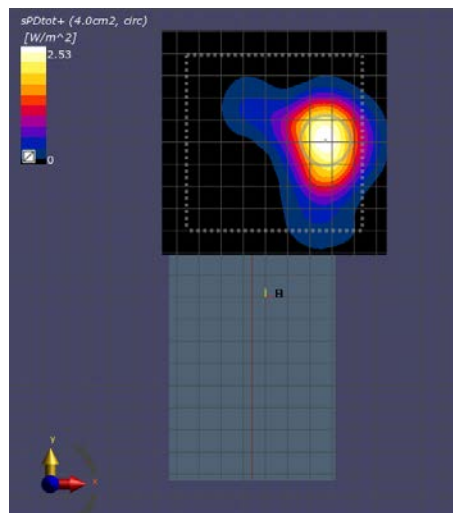
Software	Software Version
cDASY6 Module mmWave	3.0.0.841

Scans Setup

Scan Type	5G Scan
Grid Extents [mm]	100 x 100
Grid Steps [lambda]	0.125 x 0.125
Sensor Surface [mm]	2.0

Measurement Results

Scan Type	5G Scan
Avg. Area [cm ²]	4.00
pStot avg [W/m ²]	2.53
pSn avg [W/m ²]	2.14
Epeak [V/m]	40.3
Power Drift [dB]	-0.04



Element

Date: 10/11/2022

Antenna 2; Channel 9; CW

Device Under Test Properties

DUT	Serial Number	DUT Type
A3LSMS918U	VIG1652M	Portable Handset

Exposure Conditions

Phantom Section	Position	Test Distance [mm]	Channel	Group	Frequency [MHz]
5G	BACK	2.00	9	CW	7987.2

Hardware Setup

Probe, Calibration Date	DAE, Calibration Date
EUmWV4 - SN9541, 05/19/2022	DAE4ip SN1639, 01/21/2022

Software Setup

Software	Software Version
cDASY6 Module mmWave	3.0.0.841

Scans Setup

Scan Type	5G Scan
Grid Extents [mm]	100 x 100
Grid Steps [lambda]	0.125 x 0.125
Sensor Surface [mm]	2.0

Measurement Results

Scan Type	5G Scan
Avg. Area [cm ²]	4.00
pStot avg [W/m ²]	0.229
pSn avg [W/m ²]	0.159
Epeak [V/m]	20.0
Power Drift [dB]	0.16

