

APPENDIX A: TEST PLOTS

PCTEST

DUT: A3LSMS908E; Type: Portable Handset; Serial: UJK0850M

Communication System: UID:10719 - AAC, WLAN; MAIA: Y; Frequency: 6065.0 MHz
Medium: 6000 Head; Medium parameters used:
f = 6065.0 MHz; cond = 5.62 S/m; perm = 33.5; density = 1000 kg/m³
Phantom Section: Right Head; Space: 0.00 mm

Test Date: 12/06/2021; Ambient Temp: 20.5°C; Tissue Temp: 20.2°C

Probe: EX3DV4 - SN7659; ConvF:(5.9,5.9,5.9); Calibrated: 2021-06-29
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1678; Calibrated: 2021-06-21
Phantom: Twin-SAM V8.0; Serial: 2060
Measurement SW: DASY Module SAR V16.0.0.65

**Mode: IEEE 802.11ax, U-NII-5, MIMO, 80 MHz Bandwidth, Right Head,
Cheek, Ch. 23, 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

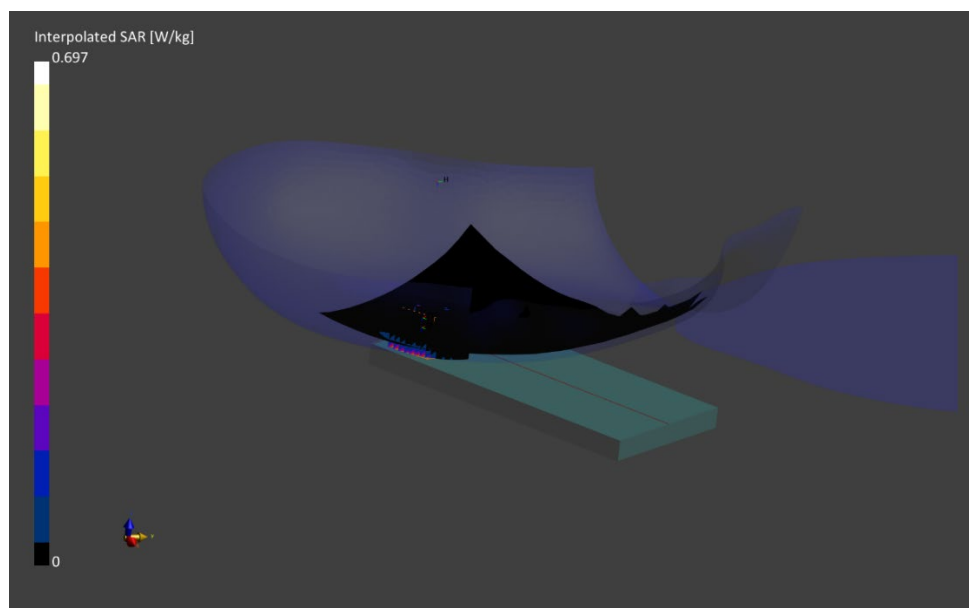
Reference Value = -0.02 W/kg; Power Drift = -0.12 dB

Peak SAR (extrapolated) = 0.697 W/kg

SAR(1 g) = 0.138 W/kg; APD(4 cm²) = 1.150 W/m²

Smallest distance from peaks to all points 3 dB below is 4.8 mm

Ratio of SAR at M2 to SAR at M1 = 62.1 %



PCTEST

DUT: A3LSMS908E; Type: Portable Handset; Serial: UJK0850M

Communication System: UID:10719 - AAC, WLAN; MAIA: Y; Frequency: 6305.0 MHz
Medium: 6000 Head; Medium parameters used:
f = 6305.0 MHz; cond = 5.91 S/m; perm = 33.2; density = 1000 kg/m³
Phantom Section: Flat; Space: 15.00 mm

Test Date: 12/06/2021; Ambient Temp: 20.5°C; Tissue Temp: 20.2°C

Probe: EX3DV4 - SN7659; ConvF:(5.9,5.9,5.9); Calibrated: 2021-06-29
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1678; Calibrated: 2021-06-21
Phantom: Twin-SAM V8.0; Serial: 2060
Measurement SW: DASY Module SAR V16.0.0.65

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

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

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

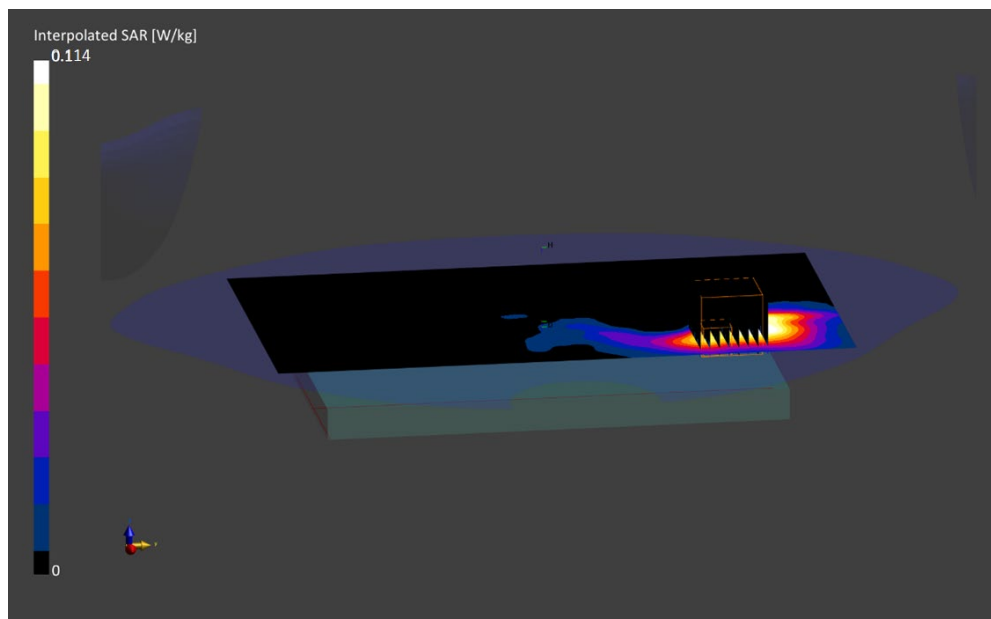
Reference Value = -0.03 W/kg; Power Drift = -0.12 dB

Peak SAR (extrapolated) = 0.114 W/kg

SAR(1 g) = 0.013 W/kg; APD(4 cm²) = 0.091 W/m²

Smallest distance from peaks to all points 3 dB below is > 11.0 mm

Ratio of SAR at M2 to SAR at M1 = 83.9 %



PCTEST

DUT: A3LSMS908E; Type: Portable Handset; Serial: UJK0850M

Communication System: UID:10719 - AAC, WLAN; MAIA: Y; Frequency: 6065.0 MHz
Medium: 6000 Head; Medium parameters used:
f = 6065.0 MHz; cond = 5.62 S/m; perm = 33.5; density = 1000 kg/m³
Phantom Section: Flat; Space: 0.00 mm

Test Date: 12/06/2021; Ambient Temp: 20.5°C; Tissue Temp: 20.2°C

Probe: EX3DV4 - SN7659; ConvF:(5.9,5.9,5.9); Calibrated: 2021-06-29
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1678; Calibrated: 2021-06-21
Phantom: Twin-SAM V8.0; Serial: 2060
Measurement SW: DASY Module SAR V16.0.0.65

Mode: IEEE 802.11ax, U-NII-5, MIMO, 80 MHz Bandwidth, Phablet SAR, Left Edge, Ch. 23, 68.1 Mbps

Area Scan (50.0 x 204.0): Measurement grid: dx=5.0 mm, dy=8.5 mm

Zoom Scan (22.0 x 22.0 x 22.0): Measurement grid: dx=2.7 mm, dy=2.7 mm, dz=1.4 mm; Graded Ratio: 1.4

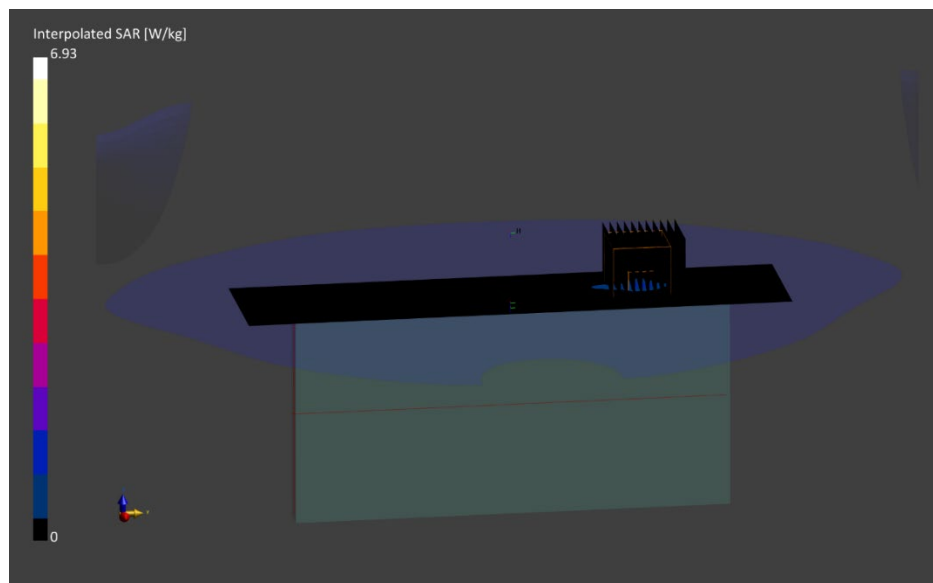
Reference Value = 2.01 W/kg; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 6.93 W/kg

SAR(10 g) = 0.236 W/kg; APD(4 cm²) = 5.550 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 = 47.2 %



PCTEST

Date: 11/08/2021

MIMO; Channel 23; 802.11ax

Device Under Test Properties

DUT	Serial Number	DUT Type
A3LSMS908E	UJK0850M	Portable Handset

Exposure Conditions

Phantom Section	Position	Test Distance [mm]	Channel	Group, UID	Frequency [MHz]
5G	LEFT	2.00	23	WLAN, 10719	6065.0

Hardware Setup

Probe, Calibration Date	DAE, Calibration Date
EUmWV4 - SN9523, 1/11/2021	DAE4 SN1449, 09/15/2021

Software Setup

Software	Software Version
cDASY6 Module mmWave	2.4.2.62

Scans Setup

Scan Type	5G Scan
Grid Extents [mm]	100x100
Grid Steps [lambda]	0.0625 x 0.0625
Sensor Surface [mm]	2.0

Measurement Results

Scan Type	5G Scan
Avg. Area [cm ²]	4.00
pS _{tot} avg [W/m ²]	2.74
pS _n avg [W/m ²]	2.33
E _{peak} [V/m]	60.3
Power Drift [dB]	0.19

