APPENDIX A: TEST PLOTS

ELEMENT

DUT: A3LSMS711B; Type: Portable Handset; Serial: 26449

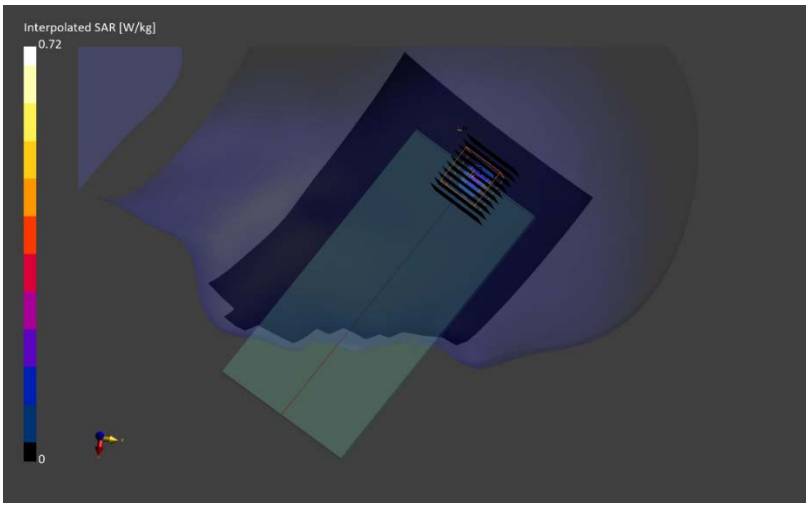
Communication System: UID:10731 - AAC, WLAN; MAIA: Y; Frequency: 6305.0 MHz
Medium: 6000 Head; Medium parameters used:
f = 6305.0 MHz; cond = 5.86 S/m; perm = 33.8; density = 1000 kg/m3
Phantom Section: LeftHead; Space: 0.00 mm

Test Date: 07/12/2023; Ambient Temp: 24.0°C; Tissue Temp: 22.1°C

Probe: EX3DV4 - SN7718; ConvF:(5.15,5.15,5.15); Calibrated: 2023-04-18
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1368; Calibrated: 2023-04-14
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, Left Head, Cheek, 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 = 0.17 W/kg; Power Drift = -0.14 dB
Peak SAR (extrapolated) = 0.669 W/kg
SAR(1 g) = 0.116 W/kg; APD(4 cm^2) = 0.629 W/m^2
Smallest distance from peaks to all points 3 dB below is 4.8 mm
Ratio of SAR at M2 to SAR at M1 = 57.8 %



ELEMENT

DUT: A3LSMS711B; Type: Portable Handset; Serial: 26449

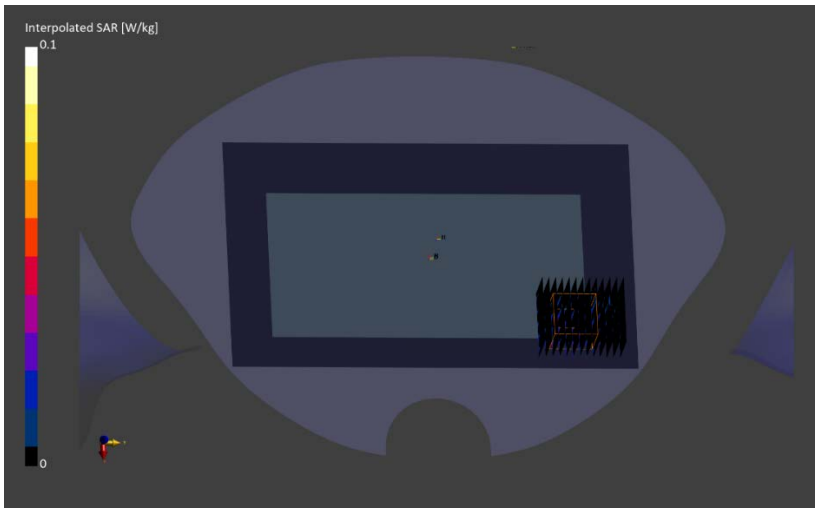
Communication System: UID:10731 - AAC, WLAN; MAIA: Y; Frequency: 6305.0 MHz
Medium: 6000 Head; Medium parameters used:
f = 6305.0 MHz; cond = 5.86 S/m; perm = 33.8; density = 1000 kg/m3
Phantom Section: Flat; Space: 10.00 mm

Test Date: 07/12/2023; Ambient Temp: 24.0°C; Tissue Temp: 22.1°C

Probe: EX3DV4 - SN7718; ConvF:(5.15,5.15,5.15); Calibrated: 2023-04-18
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1368; Calibrated: 2023-04-14
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 (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 = -0.00 W/kg; Power Drift = -0.12 dB
Peak SAR (extrapolated) = 0.074 W/kg
SAR(1 g) = 0.009 W/kg; APD(4 cm^2) = 0.048 W/m^2
Smallest distance from peaks to all points 3 dB below is 2.2 mm
Ratio of SAR at M2 to SAR at M1 = 79.9 %



ELEMENT

DUT: A3LSMS711B; Type: Portable Handset; Serial: 26449

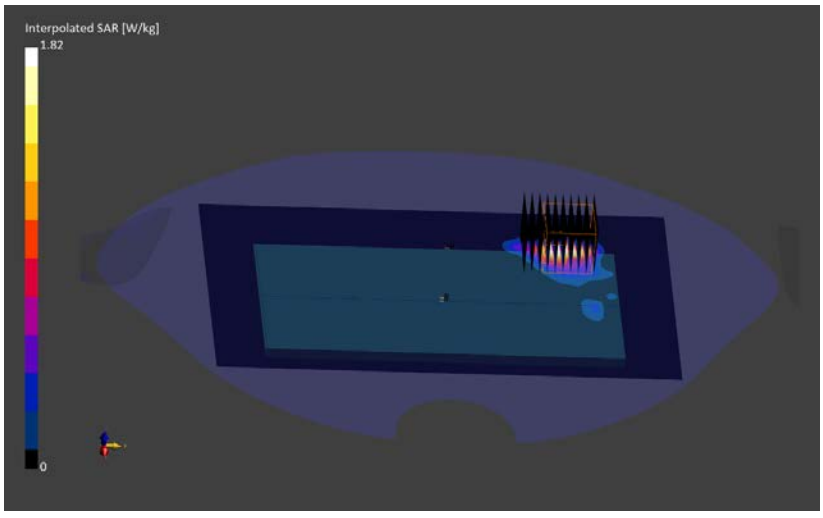
Communication System: UID:10731 - AAC, WLAN; MAIA: Y; Frequency: 6305.0 MHz
Medium: 6000 Head; Medium parameters used:
f = 6305.0 MHz; cond = 5.86 S/m; perm = 33.8; density = 1000 kg/m3
Phantom Section: Flat; Space: 0.00 mm

Test Date: 07/12/2023; Ambient Temp: 24.0°C; Tissue Temp: 22.1°C

Probe: EX3DV4 - SN7718; ConvF:(5.15,5.15,5.15); Calibrated: 2023-04-18
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1368; Calibrated: 2023-04-14
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, Phablet SAR, Front Side, 68.1 Mbps

Area Scan (119.0 x 204.0): Measurement grid: dx=8.5 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 = 0.26 W/kg; Power Drift = -0.11 dB
Peak SAR (extrapolated) = 1.82 W/kg
SAR(10 g) = 0.118 W/kg; APD(4 cm^2) = 2.69 W/m^2
Smallest distance from peaks to all points 3 dB below is 4.4 mm
Ratio of SAR at M2 to SAR at M1 = 52.9 %



Date: 2023-07-06

MIMO channel 151

Device Under Test Properties

DUT	Serial Number	DUT Type
A3LSMS711B	WEU1260M	Portable Handset

Exposure Conditions

Phantom Section	Position	Test Distance [mm]	Band	Frequency [MHz]
5G	EDGE LEFT	2.00	IEEE 802.11ax (80MHz, MCS0, 99pc duty cycle)	6705.0

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]	80.0 x 80.0
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]	3.94
pS_n avg [W/m²]	2.73
E_{peak} [V/m]	73.3
Power Drift [dB]	-0.07