

APPENDIX A: SAR TEST PLOTS

ELEMENT

DUT: A3LSMF731B; Type: Portable Handset; Serial: 1319M

Communication System: UID:10415 - AAA, WLAN; MAIA: Y; Frequency: 2412.0 MHz

Medium: 2450 Head; Medium parameters used:

$f = 2412.0$ MHz; $\text{cond} = 1.78$ S/m; $\text{perm} = 38.8$; $\text{density} = 1000$ kg/m³

Phantom Section: LeftHead; Space: 0.00 mm

Test Date: 06/20/2023; Ambient Temp: 24.6°C; Tissue Temp: 22.9°C

Probe: EX3DV4 - SN7570; ConvF:(7.55,7.55,7.55); Calibrated: 2023-01-11

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

Electronics: DAE4 Sn1558; Calibrated: 2023-01-17

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

Measurement SW: DASY Module SAR V16.2.0.1425

Mode: IEEE 802.11b, Antenna 2, 22 MHz Bandwidth, Left Head, Cheek, Ch.1, 1 Mbps

Area Scan (120.0 x 200.0): Measurement grid: $dx=10.0$ mm, $dy=10.0$ mm

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

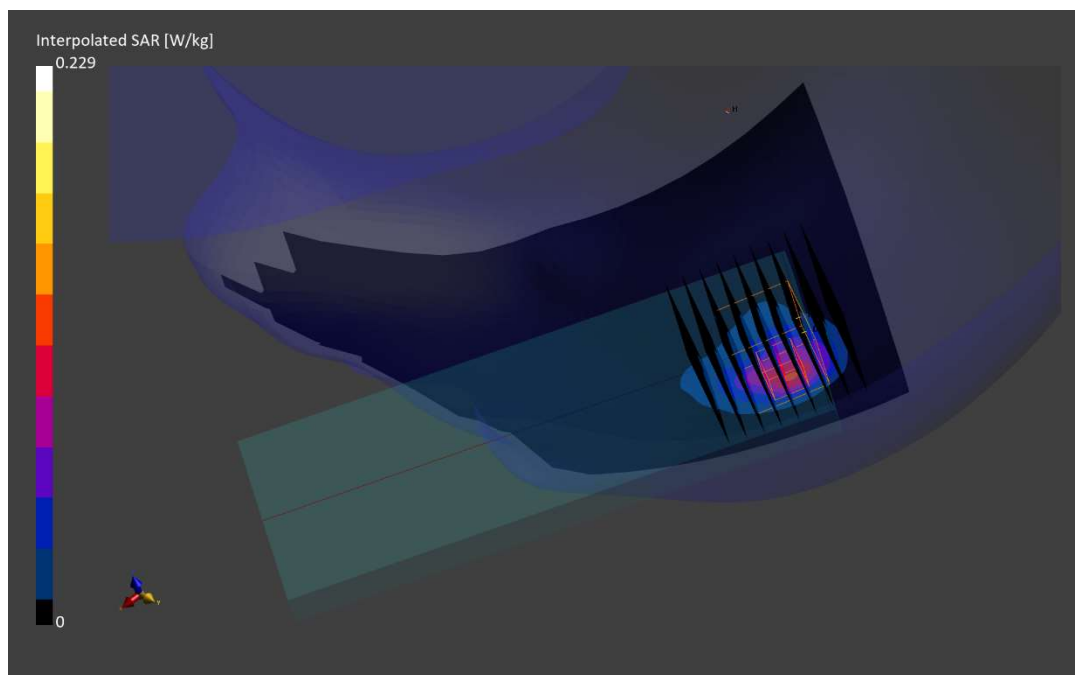
Reference Value = 0.10 W/kg; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 0.229 W/kg

SAR(1 g) = 0.096 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 = 83.3 %



ELEMENT

DUT: A3LSMF731B; Type: Portable Handset; Serial: 1391M

Communication System: UID:10544 - AAC, WLAN; MAIA: Y; Frequency: 5775.0 MHz

Medium: 5200-5800 Head; Medium parameters used:

$f = 5775.0$ MHz; $\text{cond} = 5.37$ S/m; $\text{perm} = 35.1$; $\text{density} = 1000$ kg/m³

Phantom Section: RightHead; Space: 0.00 mm

Test Date: 05/30/2023; Ambient Temp: 21.1°C; Tissue Temp: 20.1°C

Probe: EX3DV4 - SN7417; ConvF:(5.13,5.13,5.13); Calibrated: 2023-02-08

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

Electronics: DAE4 Sn665; Calibrated: 2023-02-15

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

Measurement SW: DASY Module SAR V16.2.0.1425

**Mode: IEEE 802.11ac, U-NII-3, MIMO, 80 MHz Bandwidth, Right Head,
Cheek, Ch. 155, 58.5 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: $dx=3.4$ mm, $dy=3.4$ mm, $dz=1.4$ mm; Graded Ratio: 1.4

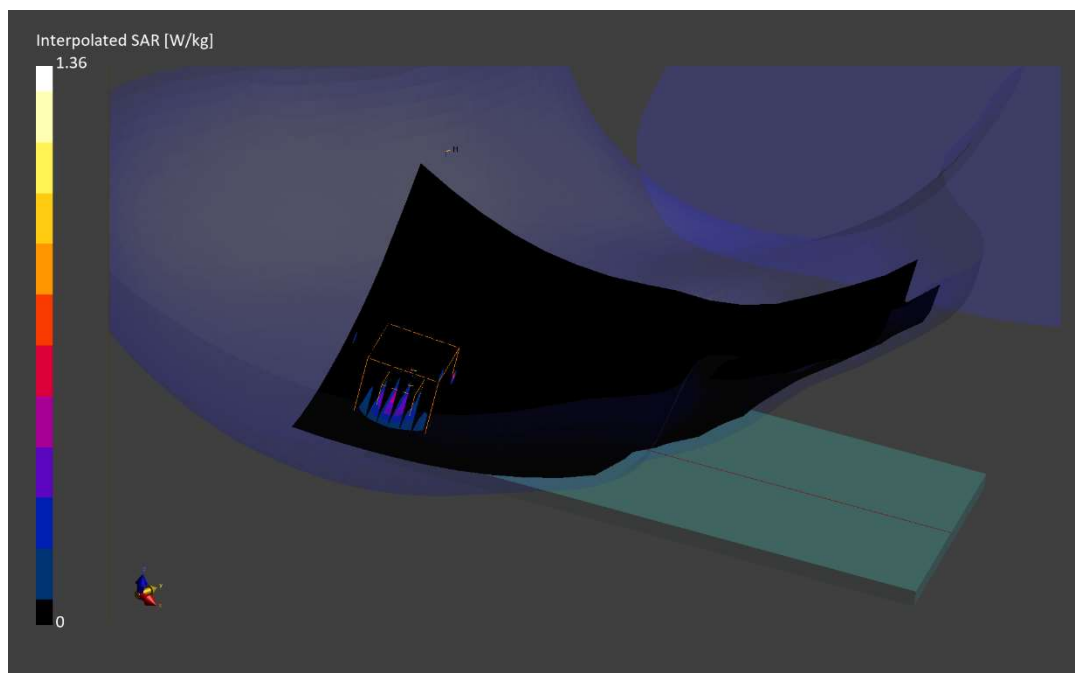
Reference Value = 0.50 W/kg; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 1.36 W/kg

SAR(1 g) = 0.312 W/kg

Smallest distance from peaks to all points 3 dB below is 4.6 mm

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



ELEMENT

DUT: A3LSMF731B; Type: Portable Handset; Serial: 1365M

Communication System: UID:10032 - CAA, Bluetooth; MAIA: Y; Frequency: 2441.0 MHz

Medium: 2450 Head; Medium parameters used:

$f = 2441.0$ MHz; $\text{cond} = 1.83$ S/m; $\text{perm} = 39.6$; $\text{density} = 1000$ kg/m³

Phantom Section: LeftHead; Space: 0.00 mm

Test Date: 06/21/2023; Ambient Temp: 19.7°C; Tissue Temp: 20.2°C

Probe: EX3DV4 - SN7565; ConvF:(7.08,7.08,7.08); Calibrated: 2023-01-12

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

Electronics: DAE4 Sn1466; Calibrated: 2023-01-20

Phantom: Twin-SAM V5.0; Serial: 1868

Measurement SW: DASY Module SAR V16.2.0.1425

Mode: Bluetooth, Antenna 2, Left Head, Cheek, Ch. 39, 1 Mbps

Area Scan (120.0 x 200.0): Measurement grid: $dx=10.0$ mm, $dy=10.0$ mm

Zoom Scan (30.0 x 30.0 x 30.0): 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 = 0.08 dB

Peak SAR (extrapolated) = 0.180 W/kg

SAR(1 g) = 0.090 W/kg

Smallest distance from peaks to all points 3 dB below is 8.6 mm

Ratio of SAR at M2 to SAR at M1 = 81.9 %

