

APPENDIX A: TEST PLOTS

ELEMENT

DUT: A3LSMF731U; Type: Portable Handset; Serial: 90159G

Communication System: UID:10731 - AAC, WLAN; MAIA: Y; Frequency: 6545.0 MHz
Medium: 6000 Head; Medium parameters used:
f = 6545.0 MHz; cond = 6.38 S/m; perm = 34.2; density = 1000 kg/m³
Phantom Section: LeftHead; Space: 0.00 mm

Test Date: 05/30/2023; Ambient Temp: 21.8°C; Tissue Temp: 20.7°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,
Left 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=3.4 mm, dy=3.4 mm, dz=1.4 mm; Graded
Ratio: 1.4

Reference Value = 0.06 W/kg; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 1.27 W/kg

SAR(1 g) = 0.108 W/kg

Smallest distance from peaks to all points 3 dB below is 4.9 mm

Ratio of SAR at M2 to SAR at M1 = 50.4 %

