

APPENDIX A: SAR TEST DATA

PCTEST

DUT: A3LSMS901U; Type: Portable Handset; Serial: 0198M

Communication System: UID:10942 - AAB, 5G NR FR1 FDD; MAIA: Y; Frequency: 1882.5 MHz

Medium: 1900 Head; Medium parameters used:

$f = 1882.5$ MHz; $\text{cond} = 1.38$ S/m; $\text{perm} = 39.7$; $\text{density} = 1000$ kg/m³

Phantom Section: LeftHead; Space: 0.00 mm

Test Date: 12/06/2021; Ambient Temp: 22.9°C; Tissue Temp: 23.0°C

Probe: EX3DV4 - SN7406; ConvF:(7.98,7.98,7.98); Calibrated: 2021-07-20

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

Electronics: DAE4 Sn1676; Calibrated: 2021-06-21

Phantom: Twin-SAM V8.0; Serial: 2058

Measurement SW: DASY Module SAR V16.0.0.65

**Mode: NR Band n25, Antenna F, Left Head, Tilt, 40 MHz Bandwidth,
Ch. 376500, DFT-s-OFDM QPSK, 108 RB, 108 RB Offset**

Area Scan (120.0 x 210.0): Measurement grid: $dx=15.0$ mm, $dy=15.0$ mm

Zoom Scan (30.0 x 30.0 x 30.0): Measurement grid: $dx=5.5$ mm, $dy=5.5$ mm, $dz=1.5$ mm; Graded Ratio: 1.5

Reference Value = 0.69 W/kg; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 1.65 W/kg

SAR(1 g) = 0.676 W/kg

