APPENDIX B: SYSTEM VERIFICATION

PCTEST

DUT: Dipole 1900.0 MHz; Type: D1900V2 - SN5d149

Communication System: UID: 0, CW; Frequency: 1900.0 MHz
Medium: 1900 Head; Medium parameters used:
f = 1900.0 MHz; cond = 1.39 S/m; perm = 39.6; density = 1000 kg/m3
Phantom Section: Flat; Space: 10 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

1900 MHz System Verification at 20 dBm (100 mW)

Area Scan (40.0 x 90.0): Measurement grid: dx=10.0 mm, dy=15.0 mm
Zoom Scan (30.0 x 30.0 x 30.0): Measurement grid: dx=6.0 mm, dy=6.0 mm, dz=1.5 mm; Graded Ratio: 1.5
Peak SAR (extrapolated) = 8.22 W/kg
SAR(1 g) = 4.23 W/kg
Deviation (1 g) =4.44%