

ELEMENT

DUT: BCGA2764; Type: Tablet Device; Serial: JYHWFYYC62

Communication System: UID:10903 - AAB, 5G NR FR1 TDD; MAIA: Y; Frequency: 3680.0 MHz

Medium: 3600 Head; Medium parameters used:

$f = 3680.0$ MHz; $\text{cond} = 3.11$ S/m; $\text{perm} = 36.9$; $\text{density} = 1000$ kg/m³

Phantom Section: Flat; Space: 0.00 mm

Test Date: 08/22/2022; Ambient Temp: 24.7°C; Tissue Temp: 21.3°C

Probe: EX3DV4 - SN7639; ConvF:(7.39,7.39,7.39); Calibrated: 2021-11-16

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

Electronics: DAE4 Sn1646; Calibrated: 2021-11-11

Phantom: Twin-SAM V8.0; Serial: 1736

Measurement SW: DASY Module SAR V16.0.2.136

**Mode: NR Band n48, Antenna 1, Body SAR, Back Side,
40 MHz Bandwidth, Ch.645332, DFT-s-OFDM QPSK, 1 RB, 1 RB Offset**

Area Scan (260.0 x 320.0): Measurement grid: $dx=10.0$ mm, $dy=10.0$ mm

Zoom Scan (28.0 x 28.0 x 28.0): Measurement grid: $dx=3.5$ mm, $dy=3.5$ mm, $dz=1.2$ mm; Graded Ratio: 1.2

Reference Value = 0.46 W/kg; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 4.57 W/kg

SAR(1 g) = 0.912 W/kg; SAR(10 g) = 0.290 W/kg

Smallest distance from peaks to all points 3 dB below is 4.2 mm

Ratio of SAR at M2 to SAR at M1 = 58.6 %

