

Appendix B:SAR Measurement results Plots

Table of contents
2.4G WiFi

Test Laboratory: CTI SAR Lab

WiFi 802.11b 11CH Back Side 0mm

DUT: Thermal Imager ; Type: NA; Serial: NA

Communication System: UID 0, WiFi 802.11 a/b/g/n/ac (0); Communication System Band: WiFi; Frequency: 2462 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 2462$ MHz; $\sigma = 1.835$ S/m; $\epsilon_r = 37.302$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN7328; ConvF(7.67, 7.67, 7.67); Calibrated: 2/3/2021;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1458; Calibrated: 1/8/2021
- Phantom: ELI v6.0; Type: QDOVA003AA; Serial: 2024
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/Body/Area Scan (11x19x1): Measurement grid: $dx=10$ mm, $dy=10$ mm

Maximum value of SAR (measured) = 0.0423 W/kg

Configuration/Body/Zoom Scan (8x8x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 0.4700 V/m; Power Drift = 0.37 dB

Peak SAR (extrapolated) = 0.0530 W/kg

SAR(1 g) = 0.023 W/kg; SAR(10 g) = 0.00602 W/kg

Maximum value of SAR (measured) = 0.0395 W/kg

