

Report Number:EED32K00112105

Appendix B:SAR Measurement results Plots
Table of contents
WiFi 2.4G-Head & Body

Test Laboratory: CTI SAR Lab

Testo Control Unit WiFi 802.11b 1CH Left Hand Touch Cheek

DUT: Testo Control Unit; Type: 0480 0069; Serial: PH81SA1BK00159

Communication System: UID 0, WiFi 802.11 a/b/g/n/ac (0); Communication System Band: WiFi; Frequency: 2412 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 2412$ MHz; $\sigma = 1.796$ S/m; $\epsilon_r = 39.342$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY Configuration:

- Probe: EX3DV4 - SN7328; ConvF(7.49, 7.49, 7.49); Calibrated: 2/23/2018;
- Sensor-Surface: 2mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn914; Calibrated: 12/19/2017
- Phantom: Twin SAM V5.0; Type: QD000P40CD; Serial: 1875
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/Head/Area Scan (10x16x1): Measurement grid: $dx=12$ mm, $dy=12$ mm

Maximum value of SAR (measured) = 0.152 W/kg

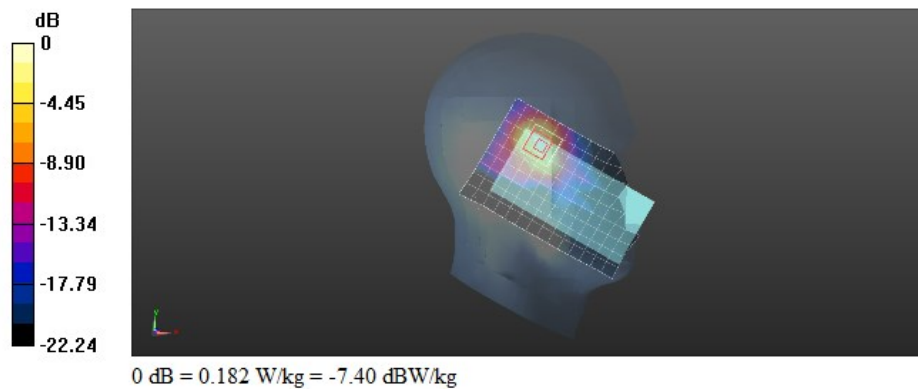
Configuration/Head/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 3.118 V/m; Power Drift = 0.17 dB

Peak SAR (extrapolated) = 0.236 W/kg

SAR(1 g) = 0.114 W/kg; SAR(10 g) = 0.049 W/kg

Maximum value of SAR (measured) = 0.182 W/kg



Test Laboratory: CTI SAR Lab

Testo Control Unit WiFi 802.11b 6CH Back Side 15mm

DUT: Testo Control Unit; Type: 0480 0069; Serial: PH81SA1BK00159

Communication System: UID 0, WiFi 802.11 a/b/g/n/ac (0); Communication System Band: WiFi; Frequency: 2437 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 2437$ MHz; $\sigma = 1.911$ S/m; $\epsilon_r = 53.742$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN7328; ConvF(7.69, 7.69, 7.69); Calibrated: 2/23/2018;
- Sensor-Surface: 2mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn914; Calibrated: 12/19/2017
- Phantom: Twin SAM V5.0; Type: QD000P40CD; Serial: 1875
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/Body/Area Scan (11x16x1): Measurement grid: $dx=12$ mm, $dy=12$ mm

Maximum value of SAR (measured) = 0.0518 W/kg

Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 1.794 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 0.0750 W/kg

SAR(1 g) = 0.040 W/kg; SAR(10 g) = 0.017 W/kg

Maximum value of SAR (measured) = 0.0554 W/kg

