

**Report Number:EED32K000745**

**Appendix B:SAR Measurement results Plots**

<b>Table of contents</b>
<b>WiFi 2.4G-Body</b>

Test Laboratory: CTI SAR Lab

**POCKET WiFi 802.11b 6CH Front Side 10mm with Ant 0****DUT: POCKET; Type: RWOLSPv1; Serial: NA**

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;  $\sigma = 1.917$  S/m;  $\epsilon_r = 53.722$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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) = 0.0866 W/kg

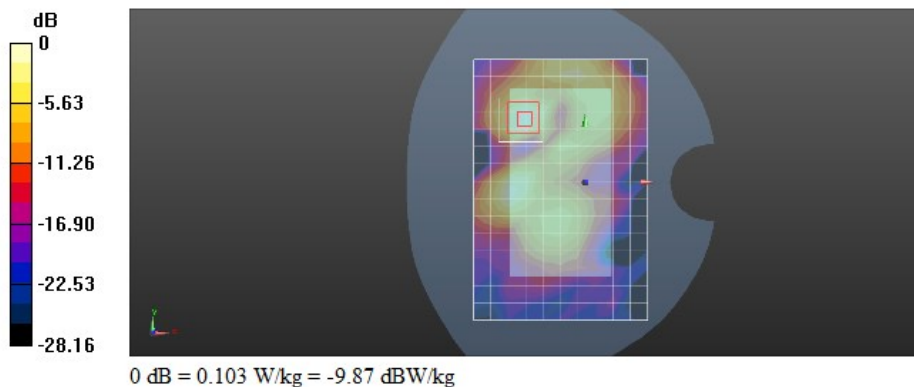
**Configuration/Body/Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=5$ mm,  $dy=5$ mm,  $dz=5$ mm

Reference Value = 2.083 V/m; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 0.124 W/kg

**SAR(1 g) = 0.068 W/kg; SAR(10 g) = 0.022 W/kg**

Maximum value of SAR (measured) = 0.103 W/kg



Test Laboratory: CTI SAR Lab

**POCKET WiFi 802.11b 6CH Front Side 10mm with Ant 1****DUT: POCKET; Type: RWOLSPv1; Serial: NA**

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;  $\sigma = 1.917$  S/m;  $\epsilon_r = 53.722$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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)

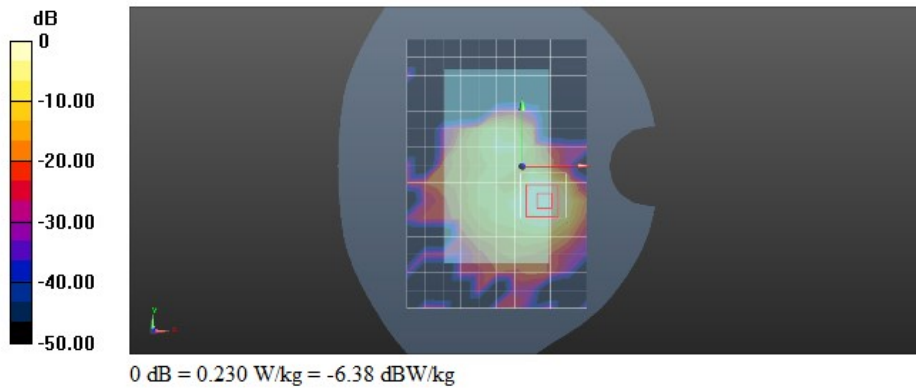
**Configuration/Body/Area Scan (11x16x1):** Measurement grid:  $dx=12$ mm,  $dy=12$ mm

Maximum value of SAR (measured) = 0.230 W/kg

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

Reference Value = 3.622 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 0.461 W/kg

**SAR(1 g) = 0.151 W/kg; SAR(10 g) = 0.066 W/kg**

Test Laboratory: CTI SAR Lab

**POCKET WiFi 802.11b 6CH Front Side 10mm with Ant 2****DUT: POCKET; Type: RWOLSPv1; Serial: NA**

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;  $\sigma = 1.917$  S/m;  $\epsilon_r = 53.722$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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 (14x16x1):** Measurement grid:  $dx=12$ mm,  $dy=12$ mm

Maximum value of SAR (measured) = 0.701 W/kg

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

Reference Value = 6.836 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 0.984 W/kg

**SAR(1 g) = 0.472 W/kg; SAR(10 g) = 0.224 W/kg**

Maximum value of SAR (measured) = 0.714 W/kg

