

# **Compliance Certification Services Inc.**

Report No: C140311S03-SF

FCCID: HLZTD070VA1

Date of Issue :March 18, 2014

---

<b>WIFI-Body Rear Low CH1 .....</b>	<b>2</b>
<b>WIFI-Body Rear Middle CH6.....</b>	<b>3</b>
<b>WIFI-Body Rear High CH11 .....</b>	<b>4</b>
<b>WIFI-Body -Edge 1 High CH11.....</b>	<b>6</b>
<b>WIFI-Body Rear High CH11 Repeat.....</b>	<b>7</b>

# Compliance Certification Services Inc.

Report No: C140311S03-SF

FCCID: HLZTD070VA1

Date of Issue :March 18, 2014

Test Laboratory: Compliance Certification Services Inc.

Date: 3/17/2014

## WIFI-Body Rear Low CH1

**DUT: Tablet Computer; Type: TD070VA1; Serial: N/A**

Communication System: IEEE 802.11b; Communication System Band: ISM 2.4GHz Band; Frequency: 2412 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 2412$  MHz;  $\sigma = 1.94$  S/m;  $\epsilon_r = 51.139$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Room Ambient Temperature: 22°C; Liquid Temperature: 21.5°C

Phantom section: Flat Section

Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

- Probe: EX3DV4 - SN3798; ConvF(7.08, 7.08, 7.08); Calibrated: 7/26/2013;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 7/25/2013
- Phantom: ELI v4.0; Type: QDOVA002AA; Serial: 1102
- DASYS 52.8.5(1059);
- SEMCAD X Version 14.6.8 (7028)

**WIFI/IEEE802.11b Body Rear Low CH1/Area Scan (8x9x1):** Measurement grid: dx=12mm, dy=12mm  
Maximum value of SAR (measured) = 1.26 W/kg

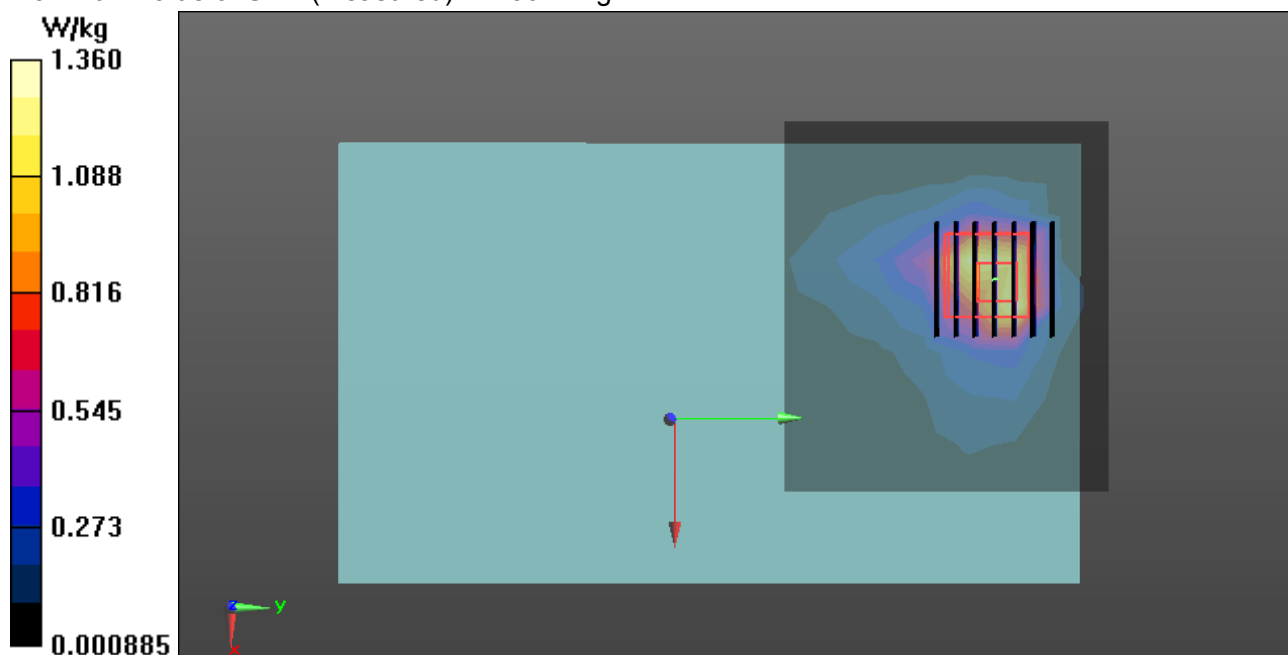
**WIFI/IEEE802.11b Body Rear Low CH1/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 1.234 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 2.32 W/kg

**SAR(1 g) = 0.775 W/kg; SAR(10 g) = 0.302 W/kg**

Maximum value of SAR (measured) = 1.36 W/kg



# Compliance Certification Services Inc.

Report No: C140311S03-SF

FCCID: HLZTD070VA1

Date of Issue :March 18, 2014

Test Laboratory: Compliance Certification Services Inc.

Date: 3/17/2014

## WIFI-Body Rear Middle CH6

**DUT: Tablet Computer; Type: TD070VA1; Serial: N/A**

Communication System: IEEE 802.11b; Communication System Band: ISM 2.4GHz Band; Frequency: 2437 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 2437$  MHz;  $\sigma = 1.959$  S/m;  $\epsilon_r = 51.125$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Room Ambient Temperature: 22°C; Liquid Temperature: 21.5°C

Phantom section: Flat Section

Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

- Probe: EX3DV4 - SN3798; ConvF(7.08, 7.08, 7.08); Calibrated: 7/26/2013;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 7/25/2013
- Phantom: ELI v4.0; Type: QDOVA002AA; Serial: 1102
- DASYS 52.8.5(1059);
- SEMCAD X Version 14.6.8 (7028)

**WIFI/IEEE802.11b Body Rear Middle CH6/Area Scan (8x9x1):** Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (measured) = 1.12 W/kg

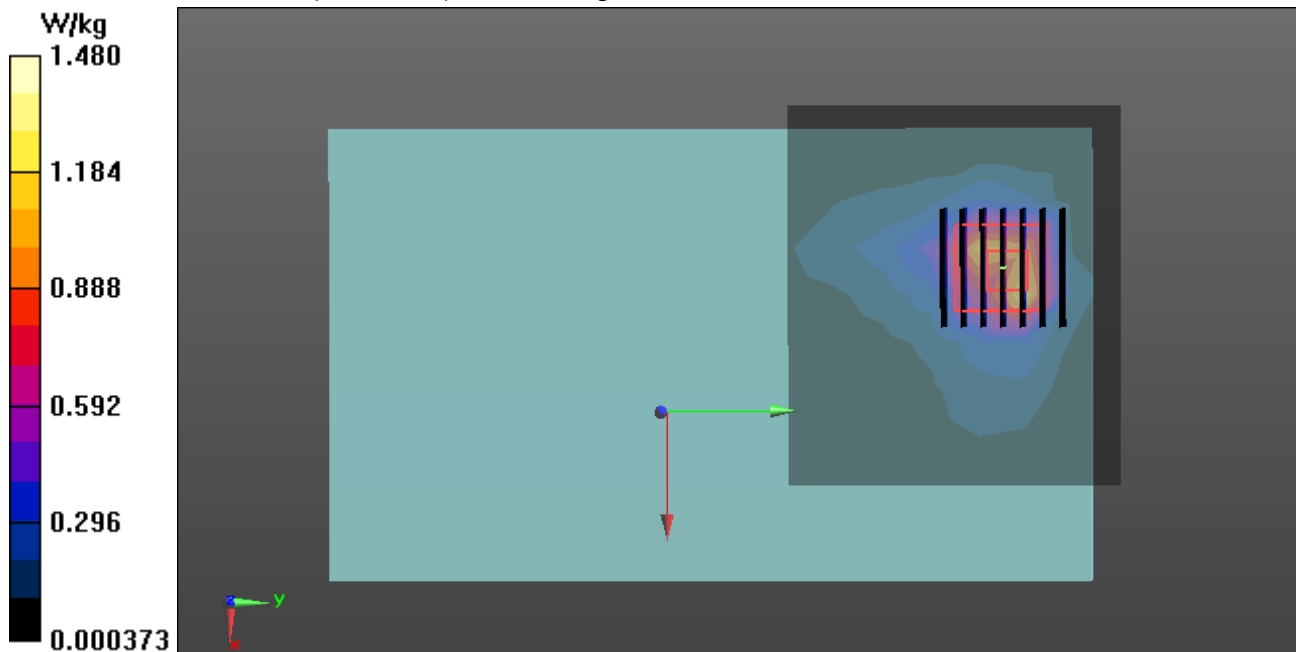
**WIFI/IEEE802.11b Body Rear Middle CH6/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 1.374 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 2.59 W/kg

**SAR(1 g) = 0.848 W/kg; SAR(10 g) = 0.328 W/kg**

Maximum value of SAR (measured) = 1.48 W/kg



# Compliance Certification Services Inc.

Report No: C140311S03-SF

FCCID: HLZTD070VA1

Date of Issue :March 18, 2014

Test Laboratory: Compliance Certification Services Inc.

Date: 3/17/2014

## WIFI-Body Rear High CH11

**DUT: Tablet Computer; Type: TD070VA1; Serial: N/A**

Communication System: IEEE 802.11b; Communication System Band: ISM 2.4GHz Band; Frequency: 2462 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 2462$  MHz;  $\sigma = 1.986$  S/m;  $\epsilon_r = 50.963$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Room Ambient Temperature: 22°C; Liquid Temperature: 21.5°C

Phantom section: Flat Section

Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

- Probe: EX3DV4 - SN3798; ConvF(7.08, 7.08, 7.08); Calibrated: 7/26/2013;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 7/25/2013
- Phantom: ELI v4.0; Type: QDOVA002AA; Serial: 1102
- DASYS 52.8.5(1059);
- SEMCAD X Version 14.6.8 (7028)

**WIFI/IEEE802.11b Body Rear High CH11/Area Scan (8x9x1):** Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (measured) = 1.27 W/kg

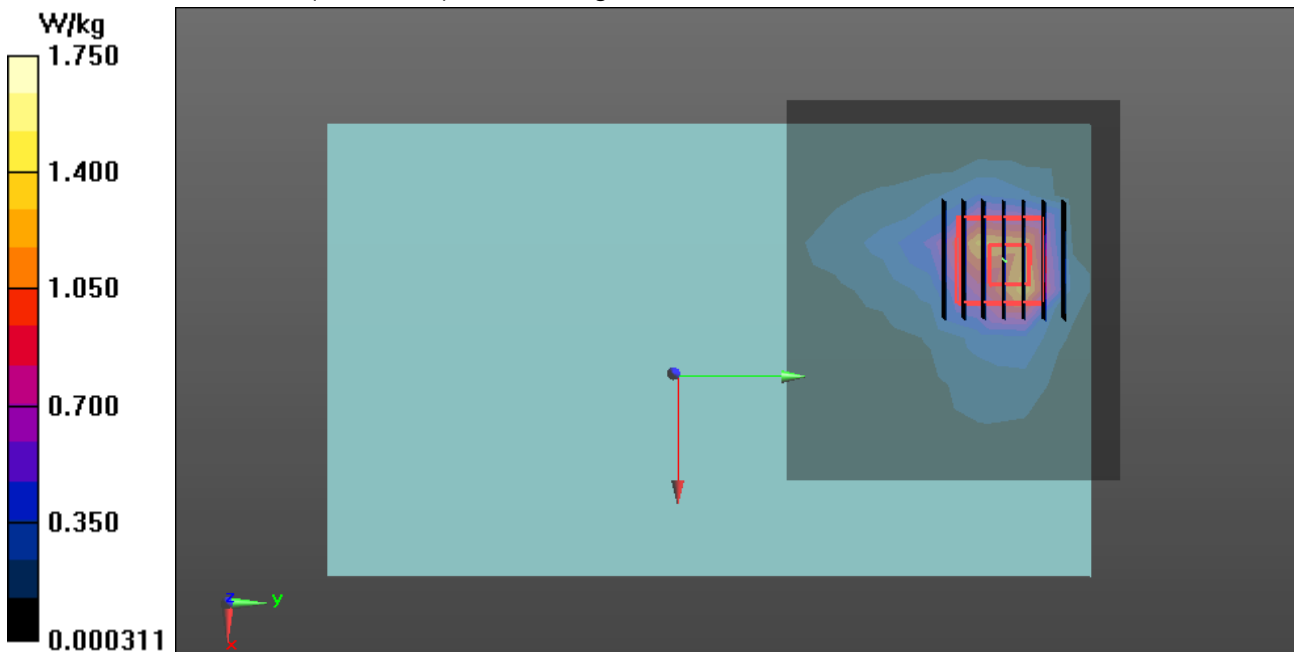
**WIFI/IEEE802.11b Body Rear High CH11/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 0.828 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 3.09 W/kg

**SAR(1 g) = 0.999 W/kg; SAR(10 g) = 0.384 W/kg**

Maximum value of SAR (measured) = 1.75 W/kg

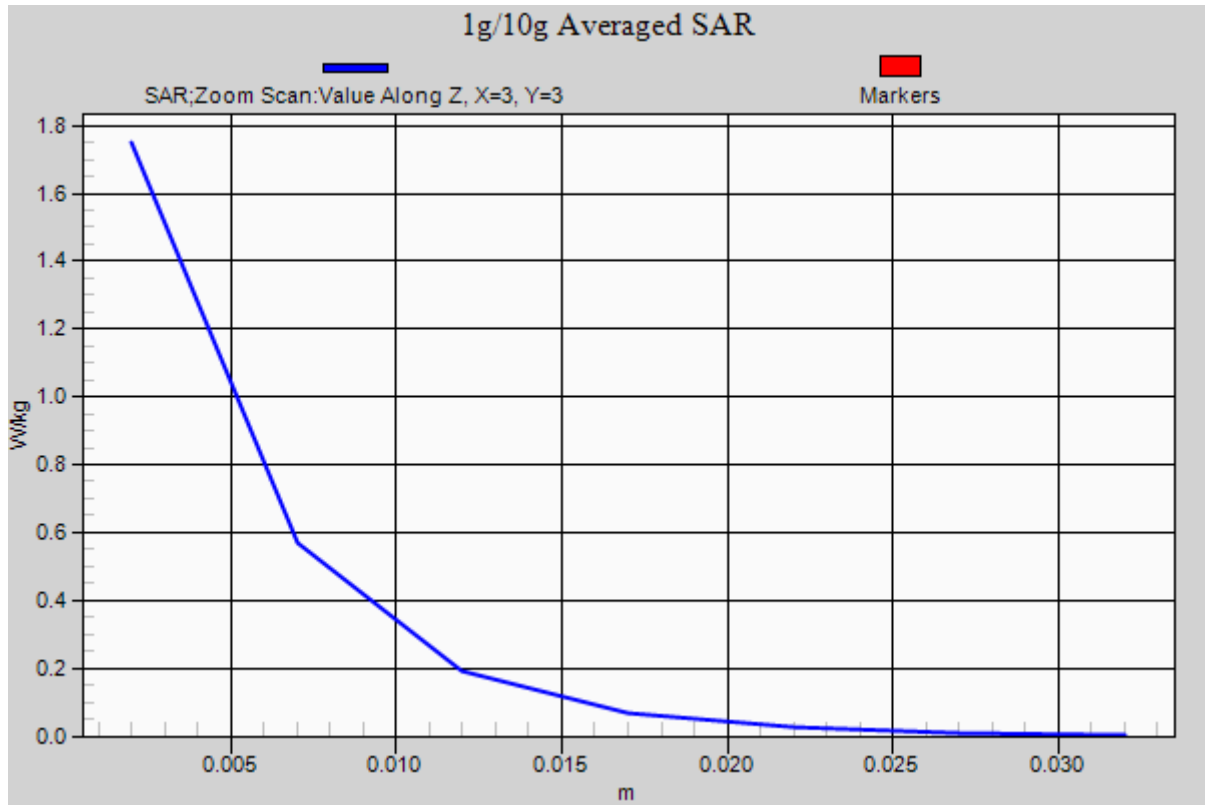


# Compliance Certification Services Inc.

Report No: C140311S03-SF

FCCID: HLZTD070VA1

Date of Issue :March 18, 2014



# Compliance Certification Services Inc.

Report No: C140311S03-SF

FCCID: HLZTD070VA1

Date of Issue :March 18, 2014

Test Laboratory: Compliance Certification Services Inc.

Date: 3/17/2014

## WIFI-Body -Edge 1 High CH11

**DUT: Tablet Computer; Type: TD070VA1; Serial: N/A**

Communication System: IEEE 802.11b; Communication System Band: ISM 2.4GHz Band; Frequency: 2462 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 2462$  MHz;  $\sigma = 1.986$  S/m;  $\epsilon_r = 50.963$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Room Ambient Temperature: 22°C; Liquid Temperature: 21.5°C

Phantom section: Flat Section

Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

- Probe: EX3DV4 - SN3798; ConvF(7.08, 7.08, 7.08); Calibrated: 7/26/2013;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 7/25/2013
- Phantom: ELI v4.0; Type: QDOVA002AA; Serial: 1102
- DASYS 52.8.5(1059);
- SEMCAD X Version 14.6.8 (7028)

**WIFI/IEEE802.11b Body Edge 1 High CH11/Area Scan (10x8x1):** Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (measured) = 0.295 W/kg

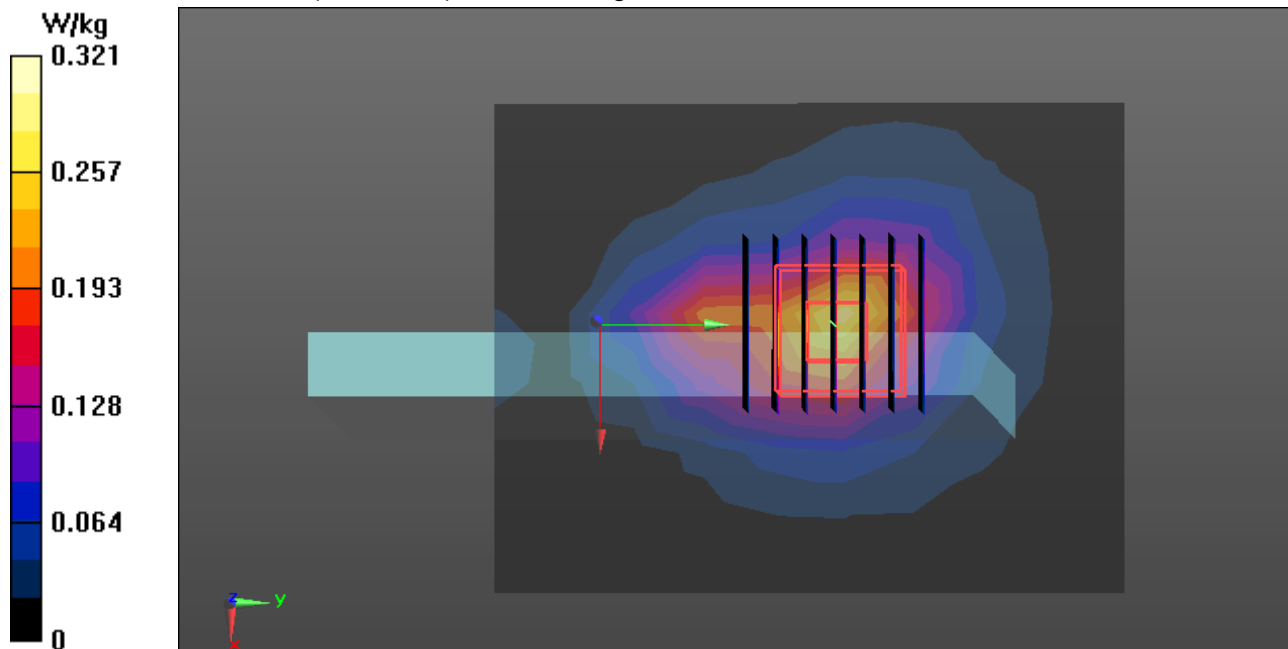
**WIFI/IEEE802.11b Body Edge 1 High CH11/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 5.904 V/m; Power Drift = 0.17 dB

Peak SAR (extrapolated) = 0.614 W/kg

**SAR(1 g) = 0.178 W/kg; SAR(10 g) = 0.074 W/kg**

Maximum value of SAR (measured) = 0.321 W/kg



# Compliance Certification Services Inc.

Report No: C140311S03-SF

FCCID: HLZTD070VA1

Date of Issue :March 18, 2014

Test Laboratory: Compliance Certification Services Inc.

Date: 3/17/2014

## WIFI-Body Rear High CH11 Repeat

**DUT: Tablet Computer; Type: TD070VA1; Serial: N/A**

Communication System: IEEE 802.11b; Communication System Band: ISM 2.4GHz Band; Frequency: 2462 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 2462$  MHz;  $\sigma = 1.986$  S/m;  $\epsilon_r = 50.963$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Room Ambient Temperature: 22°C; Liquid Temperature: 21.5°C

Phantom section: Flat Section

Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

- Probe: EX3DV4 - SN3798; ConvF(7.08, 7.08, 7.08); Calibrated: 7/26/2013;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 7/25/2013
- Phantom: ELI v4.0; Type: QDOVA002AA; Serial: 1102
- DASYS 52.8.5(1059);
- SEMCAD X Version 14.6.8 (7028)

**WIFI/IEEE802.11b Body Rear High CH11 Repeat/Area Scan (8x9x1):** Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (measured) = 1.29 W/kg

**WIFI/IEEE802.11b Body Rear High CH11 Repeat/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 1.489 V/m; Power Drift = 0.14 dB

Peak SAR (extrapolated) = 3.08 W/kg

**SAR(1 g) = 0.997 W/kg; SAR(10 g) = 0.383 W/kg**

Maximum value of SAR (measured) = 1.74 W/kg

