

# Compliance Certification Services Inc.

Date of Issue: July 19, 2012

**IEEE 802.11b- Body IEEE 802.11b- Body Up Middle CH11**......4 **IEEE 802.11b- Body IEEE 802.11b- Body** Down Middle CH6 .......6 **IEEE 802.11b- Body IEEE 802.11b- Body** Left Middle CH1......11 Left Middle CH6......12 **IEEE 802.11b- Body IEEE 802.11b- Body IEEE 802.11b- Body IEEE 802.11b- Body IEEE 802.11b- Body** 

Reference No .: SZ120711B01-SF

Report No .: SZ120711B01-SF

Test Laboratory: Compliance Certification Services Inc.

July 18, 2012

IEEE 802.11b- Body Up Middle CH1

DUT: Tablet PC; Type: HSG1255; Serial: N/A

Communication System: IEEE 802.11b; Communication System Band: ISM 2.4GHz Band; Frequency:

2412 MHz; Communication System PAR: 0 dB

Ambient: Temperature: 21 °C Relative humidity: 58% Liquid: Temperature: 20 °C

Medium parameters used (interpolated): f = 2437 MHz;  $\sigma = 1.947 \text{ mho/m}$ ;  $\varepsilon_r = 52.66$ ;  $\rho = 1000 \text{ kg/m}^3$ 

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration:

- Probe: EX3DV4 SN3755; ConvF(7.06, 7.06, 7.06); Calibrated: 1/20/2012
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 1/11/2012
- Phantom: Twin SAM Phantom; Type: QD 000 P40 CD; Serial: 1609
- Measurement SW: DASY52, Version 52.6 (1); SEMCAD X Version 14.4.2 (2595)

IEEE 802.11b /802.11b Body Up Middle CH1/Area Scan (201x131x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.125 mW/g

IEEE 802.11b /802.11b Body Up Middle CH1/Zoom Scan (7x7x7)/Cube 0: Measurement grid:

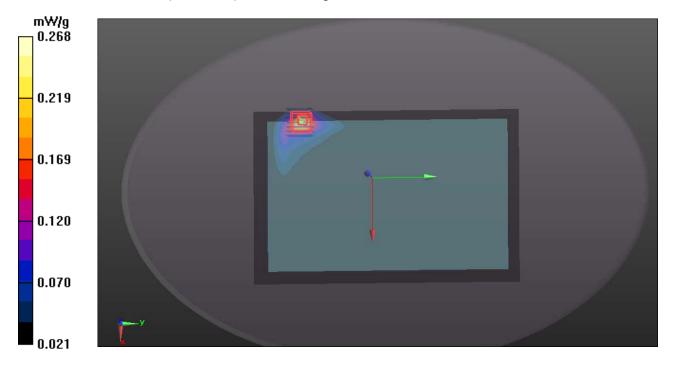
dx=5mm, dy=5mm, dz=5mm

Reference Value = 9.785 V/m; Power Drift = 0.0003 dB

Peak SAR (extrapolated) = 0.378 W/kg

SAR(1 g) = 0.225 mW/g; SAR(10 g) = 0.105 mW/g

Maximum value of SAR (measured) = 0.268 mW/g



Reference No .: SZ120711B01-SF Report No .: SZ120711B01-SF

IEEE 802.11b- Body Up Middle CH6

DUT: Tablet PC; Type: HSG1255; Serial: N/A

Communication System: IEEE 802.11b; Communication System Band: ISM 2.4GHz Band; Frequency:

2437 MHz; Communication System PAR: 0 dB

Ambient: Temperature: 21 °C Relative humidity: 58% Liquid: Temperature: 20 °C

Medium parameters used (interpolated): f = 2437 MHz;  $\sigma = 1.948 \text{ mho/m}$ ;  $\varepsilon_r = 52.65$ ;  $\rho = 1000 \text{ kg/m}^3$ 

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration:

Probe: EX3DV4 - SN3755; ConvF(7.06, 7.06, 7.06); Calibrated: 1/20/2012

Sensor-Surface: 2.5mm (Mechanical Surface Detection)

• Electronics: DAE4 Sn1245; Calibrated: 1/11/2012

Phantom: Twin SAM Phantom; Type: QD 000 P40 CD; Serial: 1609

Measurement SW: DASY52, Version 52.6 (1); SEMCAD X Version 14.4.2 (2595)

IEEE 802.11b /802.11b Body up Middle CH6/Area Scan (201x131x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.544 mW/g

IEEE 802.11b /802.11b Body up Middle CH6/Zoom Scan (7x7x7)/Cube 0: Measurement grid:

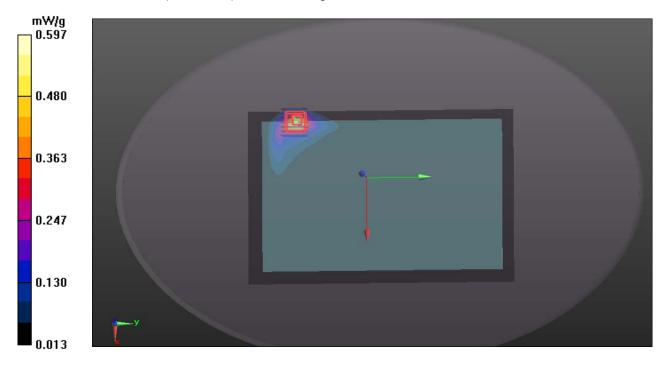
dx=5mm, dy=5mm, dz=5mm

Reference Value = 12.250 V/m; Power Drift = 0.0142 dB

Peak SAR (extrapolated) = 0.685 W/kg

SAR(1 g) = 0.424 mW/g; SAR(10 g) = 0.222 mW/g

Maximum value of SAR (measured) = 0.597 mW/g



Reference No .: SZ120711B01-SF Report No .: SZ120711B01-SF

IEEE 802.11b- Body Up Middle CH11

DUT: Tablet PC; Type: HSG1255; Serial: N/A

Communication System: IEEE 802.11b; Communication System Band: ISM 2.4GHz Band; Frequency:

2462 MHz;Communication System PAR: 0 dB

Ambient: Temperature: 21 °C Relative humidity: 58% Liquid: Temperature: 20 °C

Medium parameters used (interpolated): f = 2437 MHz;  $\sigma = 1.948 \text{ mho/m}$ ;  $\varepsilon_r = 52.68$ ;  $\rho = 1000 \text{ kg/m}^3$ 

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration:

Probe: EX3DV4 - SN3755; ConvF(7.06, 7.06, 7.06); Calibrated: 1/20/2012

Sensor-Surface: 2.5mm (Mechanical Surface Detection)

• Electronics: DAE4 Sn1245; Calibrated: 1/11/2012

Phantom: Twin SAM Phantom; Type: QD 000 P40 CD; Serial: 1609

Measurement SW: DASY52, Version 52.6 (1); SEMCAD X Version 14.4.2 (2595)

IEEE 802.11b /802.11b Body up Middle CH11/Area Scan (201x131x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.545 mW/g

IEEE 802.11b /802.11b Body up Middle CH11/Zoom Scan (7x7x7)/Cube 0: Measurement grid:

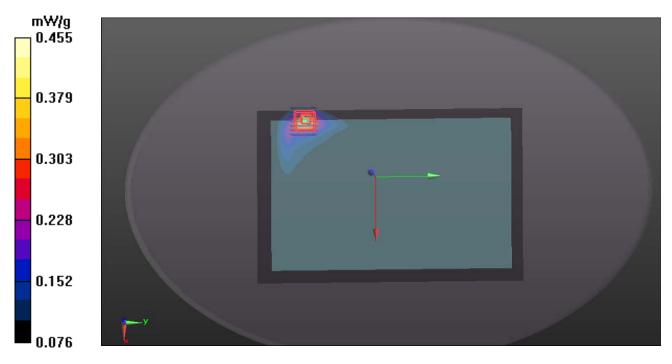
dx=5mm, dy=5mm, dz=5mm

Reference Value = 12.250 V/m; Power Drift = 0.0012 dB

Peak SAR (extrapolated) = 0.684 W/kg

SAR(1 g) = 0.304 mW/g; SAR(10 g) = 0.214 mW/g

Maximum value of SAR (measured) = 0.455 mW/g



Reference No .: SZ120711B01-SF Report No .: SZ120711B01-SF

IEEE 802.11b- Body Down Middle CH1
DUT: Tablet PC; Type: HSG1255; Serial: N/A

Communication System: IEEE 802.11b; Communication System Band: ISM 2.4GHz Band; Frequency:

2412 MHz; Communication System PAR: 0 dB

Ambient: Temperature: 21 °C Relative humidity: 58% Liquid: Temperature: 20 °C

Medium parameters used (interpolated): f = 2437 MHz;  $\sigma = 1.948 \text{ mho/m}$ ;  $\varepsilon_r = 52.68$ ;  $\rho = 1000 \text{ kg/m}^3$ 

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration:

Probe: EX3DV4 - SN3755; ConvF(7.06, 7.06, 7.06); Calibrated: 1/20/2012

Sensor-Surface: 2.5mm (Mechanical Surface Detection)

• Electronics: DAE4 Sn1245; Calibrated: 1/11/2012

Phantom: Twin SAM Phantom; Type: QD 000 P40 CD; Serial: 1609

Measurement SW: DASY52, Version 52.6 (1); SEMCAD X Version 14.4.2 (2595)

## IEEE 802.11b /802.11b Body Down Middle CH1/Area Scan (201x131x1): Measurement grid:

dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.125 mW/g

## IEEE 802.11b /802.11b Body Down Middle CH1/Zoom Scan (7x7x7)/Cube 0: Measurement grid:

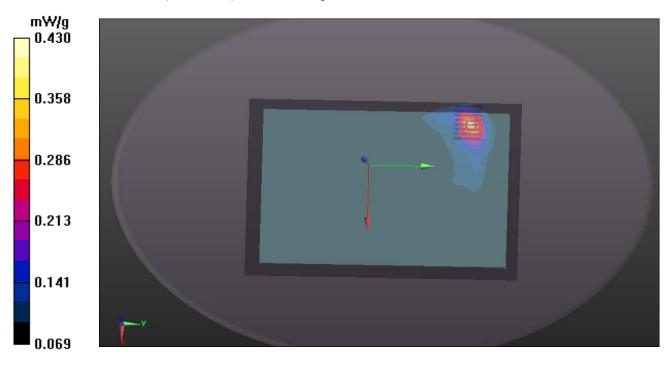
dx=5mm, dy=5mm, dz=5mm

Reference Value = 9.785 V/m; Power Drift = 0.001 dB

Peak SAR (extrapolated) = 0.378 W/kg

### SAR(1 g) = 0.305 mW/g; SAR(10 g) = 0.105 mW/g

Maximum value of SAR (measured) = 0.430 mW/g



Reference No .: SZ120711B01-SF Report No .: SZ120711B01-SF

IEEE 802.11b- Body Down Middle CH6
DUT: Tablet PC; Type: HSG1255; Serial: N/A

Communication System: IEEE 802.11b; Communication System Band: ISM 2.4GHz Band; Frequency:

2437 MHz; Communication System PAR: 0 dB

Ambient: Temperature: 21 °C Relative humidity: 58% Liquid: Temperature: 20 °C

Medium parameters used (interpolated): f = 2437 MHz;  $\sigma = 1.948 \text{ mho/m}$ ;  $\varepsilon_r = 52.68$ ;  $\rho = 1000 \text{ kg/m}^3$ 

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration:

Probe: EX3DV4 - SN3755; ConvF(7.06, 7.06, 7.06); Calibrated: 1/20/2012

Sensor-Surface: 2.5mm (Mechanical Surface Detection)

• Electronics: DAE4 Sn1245; Calibrated: 1/11/2012

Phantom: Twin SAM Phantom; Type: QD 000 P40 CD; Serial: 1609

Measurement SW: DASY52, Version 52.6 (1); SEMCAD X Version 14.4.2 (2595)

## IEEE 802.11b /802.11b Body Down Middle CH6/Area Scan (201x131x1): Measurement grid:

dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.544 mW/g

## IEEE 802.11b /802.11b Body Down Middle CH6/Zoom Scan (7x7x7)/Cube 0: Measurement grid:

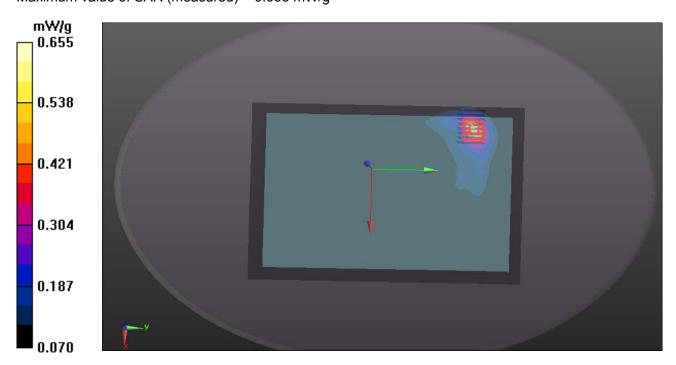
dx=5mm, dy=5mm, dz=5mm

Reference Value = 12.250 V/m; Power Drift = 0.0013 dB

Peak SAR (extrapolated) = 0.688 W/kg

### SAR(1 g) = 0.365 mW/g; SAR(10 g) = 0.225 mW/g

Maximum value of SAR (measured) = 0.655 mW/g



Reference No .: SZ120711B01-SF Report No .: SZ120711B01-SF

IEEE 802.11b- Body Down Middle CH11 DUT: Tablet PC; Type: HSG1255; Serial: N/A

Communication System: IEEE 802.11b; Communication System Band: ISM 2.4GHz Band; Frequency:

2462 MHz; Communication System PAR: 0 dB

Ambient: Temperature: 21 °C Relative humidity: 58% Liquid: Temperature: 20 °C

Medium parameters used (interpolated): f = 2437 MHz;  $\sigma = 1.948 \text{ mho/m}$ ;  $\varepsilon_r = 52.68$ ;  $\rho = 1000 \text{ kg/m}^3$ 

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration:

Probe: EX3DV4 - SN3755; ConvF(7.06, 7.06, 7.06); Calibrated: 1/20/2012

Sensor-Surface: 2.5mm (Mechanical Surface Detection)

• Electronics: DAE4 Sn1245; Calibrated: 1/11/2012

Phantom: Twin SAM Phantom; Type: QD 000 P40 CD; Serial: 1609

Measurement SW: DASY52, Version 52.6 (1); SEMCAD X Version 14.4.2 (2595)

## IEEE 802.11b /802.11b Body Down Middle CH11/Area Scan (201x131x1): Measurement grid:

dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.544 mW/g

## IEEE 802.11b /802.11b Body Down Middle CH11/Zoom Scan (7x7x7)/Cube 0: Measurement grid:

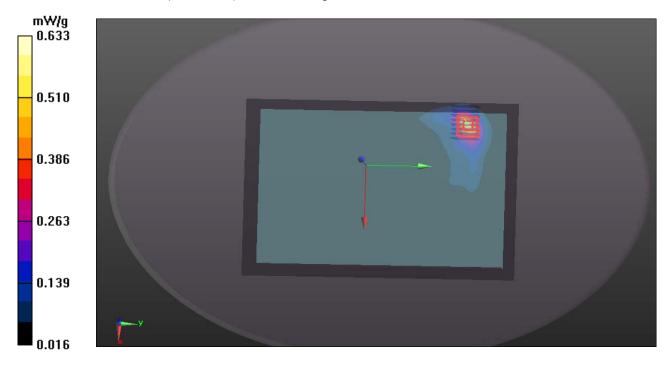
dx=5mm, dy=5mm, dz=5mm

Reference Value = 12.250 V/m; Power Drift = 0.0123 dB

Peak SAR (extrapolated) = 0.688 W/kg

### SAR(1 g) = 0.423 mW/g; SAR(10 g) = 0.241 mW/g

Maximum value of SAR (measured) = 0.633 mW/g



Reference No .: SZ120711B01-SF Report No .: SZ120711B01-SF

IEEE 802.11b- Body Top Middle CH1

DUT: Tablet PC; Type: HSG1255; Serial: N/A

Communication System: IEEE 802.11b; Communication System Band: ISM 2.4GHz Band; Frequency:

2412 MHz; Communication System PAR: 0 dB

Ambient: Temperature: 21 °C Relative humidity: 58% Liquid: Temperature: 20 °C

Medium parameters used (interpolated): f = 2437 MHz;  $\sigma = 1.948 \text{ mho/m}$ ;  $\varepsilon_r = 52.62$ ;  $\rho = 1000 \text{ kg/m}^3$ 

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration:

Probe: EX3DV4 - SN3755; ConvF(7.06, 7.06, 7.06); Calibrated: 1/20/2012

Sensor-Surface: 2.5mm (Mechanical Surface Detection)

• Electronics: DAE4 Sn1245; Calibrated: 1/11/2012

Phantom: Twin SAM Phantom; Type: QD 000 P40 CD; Serial: 1609

Measurement SW: DASY52, Version 52.6 (1); SEMCAD X Version 14.4.2 (2595)

IEEE 802.11b /802.11b Body Up Middle CH1/Area Scan (201x131x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.125 mW/g

IEEE 802.11b /802.11b Body Up Middle CH1/Zoom Scan (7x7x7)/Cube 0: Measurement grid:

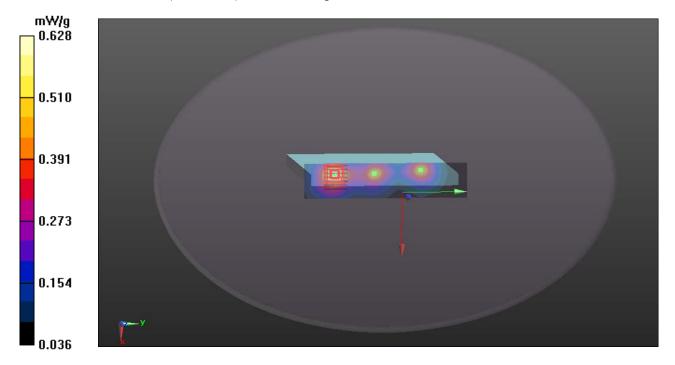
dx=5mm, dy=5mm, dz=5mm

Reference Value = 9.785 V/m; Power Drift = 0.0003 dB

Peak SAR (extrapolated) = 0.368 W/kg

SAR(1 g) = 0.396 mW/g; SAR(10 g) = 0.201 mW/g

Maximum value of SAR (measured) = 0.628 mW/g



Reference No .: SZ120711B01-SF Report No .: SZ120711B01-SF

IEEE 802.11b- Body Top Middle CH6

DUT: Tablet PC; Type: HSG1255; Serial: N/A

Communication System: IEEE 802.11b; Communication System Band: ISM 2.4GHz Band; Frequency:

2437 MHz; Communication System PAR: 0 dB

Ambient: Temperature: 21 °C Relative humidity: 58% Liquid: Temperature: 20 °C

Medium parameters used (interpolated): f = 2437 MHz;  $\sigma = 1.946 \text{ mho/m}$ ;  $\varepsilon_r = 52.67$ ;  $\rho = 1000 \text{ kg/m}^3$ 

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration:

- Probe: EX3DV4 SN3755; ConvF(7.06, 7.06, 7.06); Calibrated: 1/20/2012
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 1/11/2012
- Phantom: Twin SAM Phantom; Type: QD 000 P40 CD; Serial: 1609
- Measurement SW: DASY52, Version 52.6 (1); SEMCAD X Version 14.4.2 (2595)

IEEE 802.11b /802.11b Body Top Middle CH6/Area Scan (201x131x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.544 mW/g

IEEE 802.11b /802.11b Body Top Middle CH6/Zoom Scan (7x7x7)/Cube 0: Measurement grid:

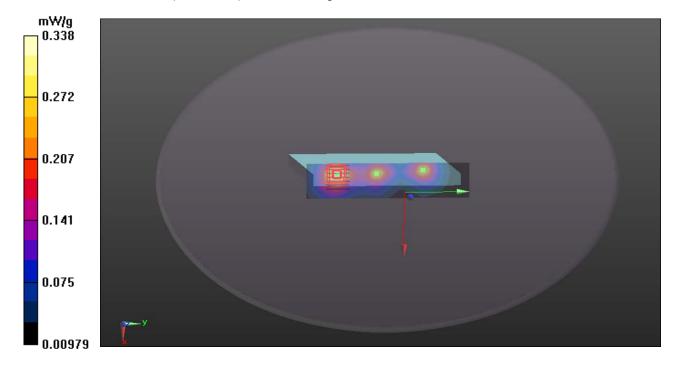
dx=5mm, dy=5mm, dz=5mm

Reference Value = 12.209 V/m; Power Drift = 0.0111 dB

Peak SAR (extrapolated) = 0.685 W/kg

SAR(1 g) = 0.329 mW/g; SAR(10 g) = 0.235 mW/g

Maximum value of SAR (measured) = 0.338 mW/g



Test Laboratory: Compliance Certification Services Inc.

July 18, 2012

IEEE 802.11b- Body Top Middle CH11

DUT: Tablet PC; Type: HSG1255; Serial: N/A

Communication System: IEEE 802.11b; Communication System Band: ISM 2.4GHz Band; Frequency:

2462 MHz; Communication System PAR: 0 dB

Ambient: Temperature: 21 °C Relative humidity: 58% Liquid: Temperature: 20 °C

Medium parameters used (interpolated): f = 2437 MHz;  $\sigma = 1.947 \text{ mho/m}$ ;  $\varepsilon_r = 52.48$ ;  $\rho = 1000 \text{ kg/m}^3$ 

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration:

Probe: EX3DV4 - SN3755; ConvF(7.06, 7.06, 7.06); Calibrated: 1/20/2012

Sensor-Surface: 2.5mm (Mechanical Surface Detection)

• Electronics: DAE4 Sn1245; Calibrated: 1/11/2012

Phantom: Twin SAM Phantom; Type: QD 000 P40 CD; Serial: 1609

Measurement SW: DASY52, Version 52.6 (1); SEMCAD X Version 14.4.2 (2595)

## IEEE 802.11b /802.11b Body Top Middle CH11/Area Scan (201x131x1): Measurement grid:

dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.545 mW/g

## IEEE 802.11b /802.11b Body Top Middle CH11/Zoom Scan (7x7x7)/Cube 0: Measurement grid:

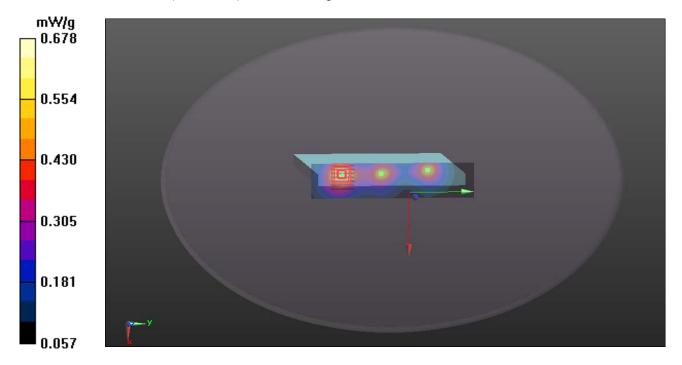
dx=5mm, dy=5mm, dz=5mm

Reference Value = 12.250 V/m; Power Drift = 0.0012 dB

Peak SAR (extrapolated) = 0.684 W/kg

#### SAR(1 g) = 0.335 mW/g; SAR(10 g) = 0.202 mW/g

Maximum value of SAR (measured) = 0.678 mW/g



Test Laboratory: Compliance Certification Services Inc.

July 18, 2012

IEEE 802.11b- Body Left Middle CH1

DUT: Tablet PC; Type: HSG1255; Serial: N/A

Communication System: IEEE 802.11b; Communication System Band: ISM 2.4GHz Band; Frequency:

2412 MHz; Communication System PAR: 0 dB

Ambient: Temperature: 21 °C Relative humidity: 58% Liquid: Temperature: 20 °C

Medium parameters used (interpolated): f = 2437 MHz;  $\sigma = 1.948 \text{ mho/m}$ ;  $\varepsilon_r = 52.68$ ;  $\rho = 1000 \text{ kg/m}^3$ 

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration:

- Probe: EX3DV4 SN3755; ConvF(7.06, 7.06, 7.06); Calibrated: 1/20/2012
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 1/11/2012
- Phantom: Twin SAM Phantom; Type: QD 000 P40 CD; Serial: 1609
- Measurement SW: DASY52, Version 52.6 (1); SEMCAD X Version 14.4.2 (2595)

IEEE 802.11b /802.11b Body Left Middle CH1/Area Scan (201x131x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.123 mW/g

IEEE 802.11b /802.11b Body Left Middle CH1/Zoom Scan (7x7x7)/Cube 0: Measurement grid:

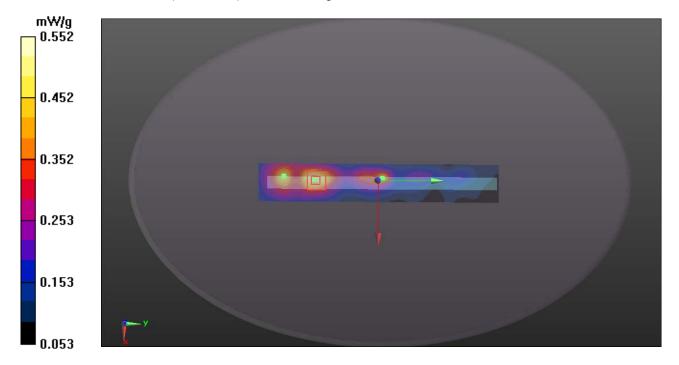
dx=5mm, dy=5mm, dz=5mm

Reference Value = 9.785 V/m; Power Drift = 0.0010 dB

Peak SAR (extrapolated) = 0.364 W/kg

SAR(1 g) = 0.356 mW/g; SAR(10 g) = 0.201 mW/g

Maximum value of SAR (measured) = 0.552 mW/g



Reference No .: SZ120711B01-SF Report No .: SZ120711B01-SF

IEEE 802.11b- Body Left Middle CH6

DUT: Tablet PC; Type: HSG1255; Serial: N/A

Communication System: IEEE 802.11b; Communication System Band: ISM 2.4GHz Band; Frequency:

2437 MHz; Communication System PAR: 0 dB

Ambient: Temperature: 21 °C Relative humidity: 58% Liquid: Temperature: 20 °C

Medium parameters used (interpolated): f = 2437 MHz;  $\sigma = 1.948 \text{ mho/m}$ ;  $\varepsilon_r = 52.68$ ;  $\rho = 1000 \text{ kg/m}^3$ 

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration:

- Probe: EX3DV4 SN3755; ConvF(7.06, 7.06, 7.06); Calibrated: 1/20/2012
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 1/11/2012
- Phantom: Twin SAM Phantom; Type: QD 000 P40 CD; Serial: 1609
- Measurement SW: DASY52, Version 52.6 (1); SEMCAD X Version 14.4.2 (2595)

IEEE 802.11b /802.11b Body Left Middle CH6/Area Scan (201x131x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.544 mW/g

IEEE 802.11b /802.11b Body Left Middle CH6/Zoom Scan (7x7x7)/Cube 0: Measurement grid:

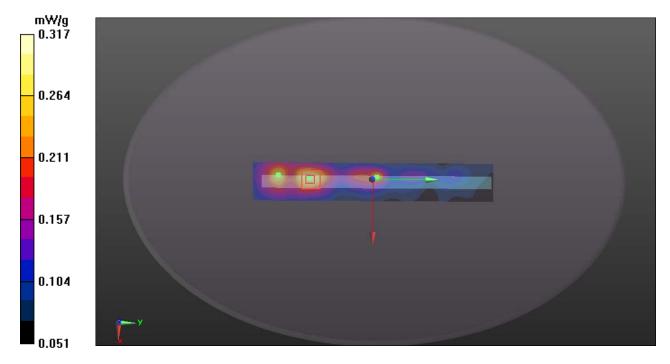
dx=5mm, dy=5mm, dz=5mm

Reference Value = 12.250 V/m; Power Drift = 0.0013 dB

Peak SAR (extrapolated) = 0.485 W/kg

SAR(1 g) = 0.298 mW/g; SAR(10 g) = 0.145 mW/g

Maximum value of SAR (measured) = 0.317 mW/g



Reference No .: SZ120711B01-SF Report No .: SZ120711B01-SF

IEEE 802.11b- Body Left Middle CH11

DUT: Tablet PC; Type: HSG1255; Serial: N/A

Communication System: IEEE 802.11b; Communication System Band: ISM 2.4GHz Band; Frequency:

2462 MHz; Communication System PAR: 0 dB

Ambient: Temperature: 21 °C Relative humidity: 58% Liquid: Temperature: 20 °C

Medium parameters used (interpolated): f = 2437 MHz;  $\sigma = 1.948 \text{ mho/m}$ ;  $\varepsilon_r = 52.68$ ;  $\rho = 1000 \text{ kg/m}^3$ 

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration:

Probe: EX3DV4 - SN3755; ConvF(7.06, 7.06, 7.06); Calibrated: 1/20/2012

Sensor-Surface: 2.5mm (Mechanical Surface Detection)

• Electronics: DAE4 Sn1245; Calibrated: 1/11/2012

Phantom: Twin SAM Phantom; Type: QD 000 P40 CD; Serial: 1609

Measurement SW: DASY52, Version 52.6 (1); SEMCAD X Version 14.4.2 (2595)

# IEEE 802.11b /802.11b Body Left Middle CH11/Area Scan (201x131x1): Measurement grid:

dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.544 mW/g

## IEEE 802.11b /802.11b Body Left Middle CH11/Zoom Scan (7x7x7)/Cube 0: Measurement grid:

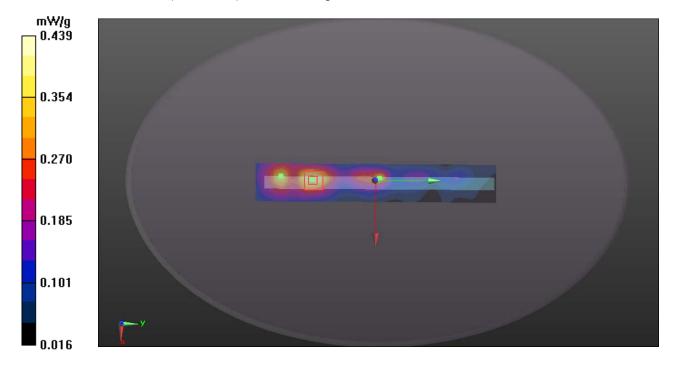
dx=5mm, dy=5mm, dz=5mm

Reference Value = 12.250 V/m; Power Drift = 0.0123 dB

Peak SAR (extrapolated) = 0.688 W/kg

### SAR(1 g) = 0.412 mW/g; SAR(10 g) = 0.195 mW/g

Maximum value of SAR (measured) = 0.439 mW/g



Reference No .: SZ120711B01-SF

Report No .: SZ120711B01-SF

### IEEE 802.11b- Body UP Middle CH6

DUT: Tablet PC; Type: HSG1254; Serial: N/A

Communication System: IEEE 802.11b; Communication System Band: ISM 2.4GHz Band; Frequency:

2437 MHz; Communication System PAR: 0 dB

Ambient: Temperature: 21 °C Relative humidity: 58% Liquid: Temperature: 20 °C

Medium parameters used (interpolated): f = 2437 MHz;  $\sigma = 1.947 \text{ mho/m}$ ;  $\varepsilon_r = 52.907$ ;  $\rho = 1000 \text{ kg/m}^3$ 

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

## DASY5 Configuration:

- Probe: EX3DV4 SN3755; ConvF(7.07, 7.07, 7.07); Calibrated: 1/20/2012
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 1/11/2012
- Phantom: Twin SAM Phantom; Type: QD 000 P40 CD; Serial: 1609
- DASY52 52.8.0(692); SEMCAD X 14.6.4(4989)

## IEEE 802.11b/UP Middle CH6/Area Scan (201x131x1):

Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.458 mW/g

## IEEE 802.11b/UP Middle CH6/ Zoom Scan (7x7x7)/Cube 0:

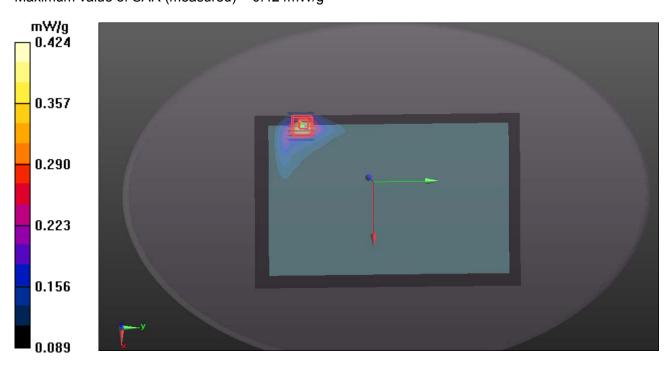
Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 11.487 V/m; Power Drift = 0.05dB

Peak SAR (extrapolated) = 0.858 W/kg

### SAR(1 g) = 0.312 mW/g; SAR(10 g) = 0.171 mW/g

Maximum value of SAR (measured) = 0.424mW/g



Test Laboratory: Compliance Certification Services Inc.

July 18, 2012

# IEEE 802.11b- Body Down Middle CH6

DUT: Tablet PC; Type: HSG1254; Serial: N/A

Communication System: IEEE 802.11b; Communication System Band: ISM 2.4GHz Band; Frequency:

2437 MHz; Communication System PAR: 0 dB

Ambient: Temperature: 21 °C Relative humidity: 58% Liquid: Temperature: 20 °C

Medium parameters used (interpolated): f = 2437 MHz;  $\sigma = 1.948 \text{ mho/m}$ ;  $\varepsilon_r = 52.897$ ;  $\rho = 1000 \text{ kg/m}^3$ 

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

## DASY5 Configuration:

- Probe: EX3DV4 SN3755; ConvF(7.07, 7.07, 7.07); Calibrated: 1/20/2012
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 1/11/2012
- Phantom: Twin SAM Phantom; Type: QD 000 P40 CD; Serial: 1609
- DASY52 52.8.0(692); SEMCAD X 14.6.4(4989)

## IEEE 802.11b/DOWN Middle CH6/Area Scan (201x131x1):

Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.623 mW/g

## IEEE 802.11b/ DOWN Middle CH6/Zoom Scan (5x5x7)/Cube 0:

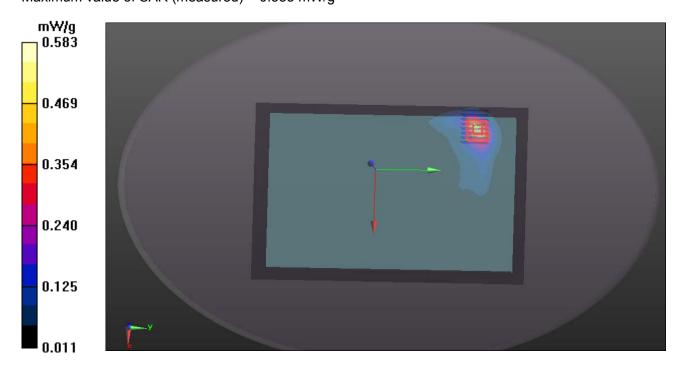
Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 12.220 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 0.942 W/kg

#### SAR(1 g) = 0.315 mW/g; SAR(10 g) = 0.197 mW/g

Maximum value of SAR (measured) = 0.583 mW/g



Reference No .: SZ120711B01-SF

Report No .: SZ120711B01-SF

## IEEE 802.11b- Body TOP Middle CH6

DUT: Tablet PC; Type: HSG1254; Serial: N/A

Communication System: IEEE 802.11b; Communication System Band: ISM 2.4GHz Band; Frequency:

2437 MHz; Communication System PAR: 0 dB

Ambient: Temperature: 21 °C Relative humidity: 58% Liquid: Temperature: 20 °C

Medium parameters used (interpolated): f = 2437 MHz;  $\sigma = 1.947 \text{ mho/m}$ ;  $\varepsilon_r = 52.901$ ;  $\rho = 1000 \text{ kg/m}^3$ 

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

## DASY5 Configuration:

- Probe: EX3DV4 SN3755; ConvF(7.07, 7.07, 7.07); Calibrated: 1/20/2012
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 1/11/2012
- Phantom: Twin SAM Phantom; Type: QD 000 P40 CD; Serial: 1609
- DASY52 52.8.0(692); SEMCAD X 14.6.4(4989)

## IEEE 802.11b/ TOP Middle CH6/Area Scan (141x31x1):

Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.608 mW/g

## IEEE 802.11b/ TOP Middle CH6/ Zoom Scan (7x7x9)/Cube 0:

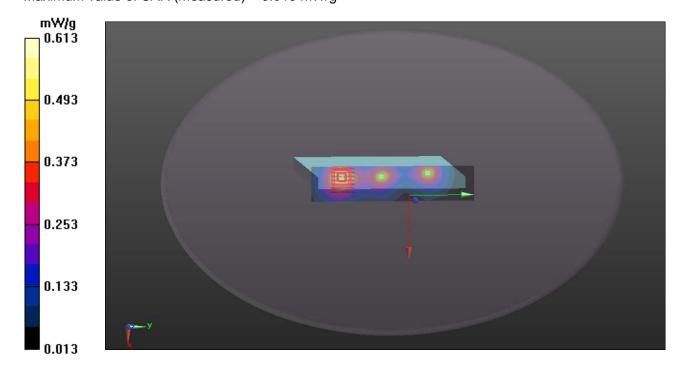
Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 12.250 V/m; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 0.988 W/kg

#### SAR(1 g) = 0.422 mW/g; SAR(10 g) = 0.252 mW/g

Maximum value of SAR (measured) = 0.613 mW/g



Test Laboratory: Compliance Certification Services Inc.

July 18, 2012

## IEEE 802.11b- Body Left Middle CH6

DUT: Tablet PC; Type: HSG1254; Serial: N/A

Communication System: IEEE 802.11b; Communication System Band: ISM 2.4GHz Band; Frequency:

2437 MHz; Communication System PAR: 0 dB

Ambient: Temperature: 21 °C Relative humidity: 58% Liquid: Temperature: 20 °C

Medium parameters used (interpolated): f = 2437 MHz;  $\sigma = 1.946 \text{ mho/m}$ ;  $\varepsilon_r = 52.889$ ;  $\rho = 1000 \text{ kg/m}^3$ 

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

## DASY5 Configuration:

- Probe: EX3DV4 SN3755; ConvF(7.07, 7.07, 7.07); Calibrated: 1/20/2012
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 1/11/2012
- Phantom: Twin SAM Phantom; Type: QD 000 P40 CD; Serial: 1609
- DASY52 52.8.0(692); SEMCAD X 14.6.4(4989)

## IEEE 802.11b/ Left Middle CH6/Area Scan (191x31x1):

Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.650 mW/g

## IEEE 802.11b/ Left Middle CH6/ Zoom Scan (7x7x9)/Cube 0:

Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 12.317 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 1.002 W/kg

### SAR(1 g) = 0.397 mW/g; SAR(10 g) = 0.274 mW/g

Maximum value of SAR (measured) = 0.462 mW/g

